## 2024/05/21: HMG Extended Edition version 24.05.

## \* Fixed: GetBox control: the cursor shape in insert/overwrite mode was incorrect

## when using GetBox together with TBrowse.

## Sample code:

## #include "minigui.ch"

## #include "tsbrowse.ch"

## FUNCTION Main()

## LOCAL aItems := {}

## AAdd( aItems, { Space( 10 ), Space( 10 ), Space( 10 ) } )

## DEFINE WINDOW main AT 0, 0 WIDTH 250 HEIGHT 270 NOSIZE MAIN

## @ 15, 20 LABEL lbGetBox VALUE "GetBox:" AUTOSIZE

## @ 10, 70 GETBOX gbGetBox VALUE "" PICT Replicate( "X", 30 ) ;

## WIDTH 150

## DEFINE TBROWSE tBrw AT 50, 20 ALIAS aItems WIDTH 200 HEIGHT 150 ;

## HEADERS { "Col 1", "Col 2", "Col 3" } EDIT

## END TBROWSE

## DEFINE STATUSBAR

## KEYBOARD

## END STATUSBAR

## END WINDOW

## main.center()

## main.activate()

## RETURN NIL

## Bug was reported by Dusko Radojcin.

## This was a last minute fix for the 24.04 build.

## Contributed by Grigory Filatov

## \* Fixed: uCharToVal( cText, [cType] ) function had an issue with date conversion.

## Example:

## uVal := uCharToVal( "01/01/2024", "D" )

## ? uVal, valtype( uVal ) --> 01.01.2024 D

## Based upon a code borrowed from public Fivewin forum.

## \* Enhanced: POPUP and MENUITEM menus support the CAPTION property.

## You can set/get this property at runtime with:

## - function syntax:

## SetProperty ( Form, MenuName, 'Caption', cNewValue )

## GetProperty ( Form, MenuName, 'Caption' )

## - pseudo-OOP syntax:

## Form.MenuName.Caption := cNewValue

## Form.MenuName.Caption --> cNewValue

## It was a postponed modification.

## Contributed by Grigory Filatov

## (see menudemo2.prg in folder \samples\Basic\Menu)

## \* Enhanced: The Split Button control supports an optional ICON clause.

## Syntax:

## @ 10, 10 SPLITBUTTON SPButton\_1 ;

## CAPTION 'Split Button' ;

## ICON cFileOrIconResource ;

## ACTION MsgInfo( "Split Button", "Pressed" )

## Contributed by Grigory Filatov

## (see demo in folder \samples\Advanced\SplitButton)

## \* Enhanced: The Label control now accepts the numeric color definitions

## as well as the RGB arrays for BACKCOLOR and FONTCOLOR clauses.

## Contributed by Grigory Filatov

## \* Modified: Some internal pseudo-functions are defined as public functions.

## Now they can be dynamically loaded from scripts.

## Note: this reduction in optimization results in an increase in

## application size. [STANDARD VERSION]

## Contributed by Grigory Filatov

## \* Modified: The useful HMG\_FileCopy() function for copying a file to a new file

## has been updated to use the new Harbour function hb\_vfCopyFileEx().

## Syntax:

## HMG\_FileCopy( <cSourceFile>, <cTargetFile>, [<nBuffer>], [<bEval>] )

## --> lSuccess

## Note. This function will preserve the date and time of the copied file.

## Contributed by Grigory Filatov

## (see demo in folder \samples\Basic\Filecopy) [PRO VERSION]

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - minor correction of the selector background in the Enabled() method.

## Contributed by Sergej Kiselev

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.45.3 (from 3.45.2). [STANDARD]

## - update for using latest SQLITE3 version 3.46.0dev. [PRO VERSION]

## Contributed by Grigory Filatov

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2024-05-09 23:23).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (look at ReadMe.txt in folder \harbour) [PRO VERSION]

## \* Updated: Roberto Lopez's HMG IDE tool binary.

## Contributed by Grigory Filatov

## (see in folder \HMG-IDE) [PRO VERSION]

## \* New: 'Data Generation utility' sample.

## Contributed by Marcos Jarrin

## (see in folder \samples\Advanced\data\_generation)

## \* New: 'Pub Pricing analysis with MySQL via SQLRDD' sample.

## Contributed by Grigory Filatov

## (see in folder \samples\Advanced\SQLRDD\Pubs) [PRO VERSION]

## \* New: 'xBase Package 2024' examples: using MySQL through the TMySql class.

## \* School (registration, cources, finance)

## \* Football School (using DBFCDX)

## \* Real estate (Leasing)

## \* Meter (small restaurants)

## \* Service Order

## \* SysFood (food companies)

## \* CRUD (create, read, update and delete) example with MySQL

## Note. You will need a fully working MySQL server installation and

## the correct connection parameters.

## Contributed by Marcelo Neves

## (see in folder \samples\Applications\pacote\_xbase) [PRO VERSION]

## \* Updated: 'Grid Row Height workaround' sample.

## Based upon a contribution of HMG user Edward.

## Adapted for Minigui Extended by Grigory Filatov

## (see in folder \samples\Basic\Grid\_RowHeight)

## \* Updated: 'File date changer utility' sample:

## - implemented more efficient error reporting.

## Contributed by Pierpaolo Martinello

## (see in folder \samples\Advanced\Filedate)

## \* Updated: 'Five GUI libraries for testing' sample.

## Contribution of Jose Quintas.

## Revised for Minigui Extended by Grigory Filatov

## (see in folder \samples\Advanced\FiveLibsTest)

## \* Updated: 'Set Themes' sample: modified the StatusBar color assignment.

## Contributed by Grigory Filatov

## (see in folder \samples\Advanced\SetThemes)

## \* Updated: 'TsBrowse Colors Settings' sample:

## - minor correction in the ColorPicker() function.

## Contributed by Pierpaolo Martinello

## (see in folder \samples\Advanced\Tsb\_colors\_2)

## \* Updated: 'USB Stick Arrive / Remove' sample.

## Contributed by Grigory Filatov

## (see in folder \samples\Advanced\USB\_Detect)

## \* Updated: 'Windows Version' sample:

## - corrected Windows 11 detection.

## Contributed by Grigory Filatov

## (see in folder \samples\Advanced\WinVersion)

## 2024/04/15: HMG Extended Edition version 24.04.

## \* Fixed: Program crash at the exit from a Preview window in a graph printing

## module at using of xHarbour compiler (introduced in the build 17.06).

## Contributed by Grigory Filatov

## (see demo in folder \samples\Basic\Charts\_3)

## \* Fixed: Problem with button's focus at a window activation when this button

## was defined with the DEFAULT clause (introduced in the build 18.11).

## Contributed by Grigory Filatov

## (see demo.prg in folder \samples\Basic\Font)

## \* Modified: MiniGUI core has been updated for correct compiling with the new

## Pelles C 12.0 and xHarbour compiler.

## This also affected the following libraries:

## miniprint, miniprint2, tsbrowse, hbvpdf and hmg\_hpdf.

## Based on the latest xHB package provided by Richard Vischer.

## Contributed by Grigory Filatov

## \* Updated: Header file i\_pseudofunc.ch for compatibility with xHarbour:

## - added definitions of some missing pseudo-functions.

## Contributed by Grigory Filatov

## (see i\_pseudofunc.ch in folder \include)

## \* Updated: hbmk2 utility is thread-aware during compilation in MT mode.

## By default, the number of threads used is equal to the number of

## processors. Borrowed from the Harbour fork 3.4.0.

## Contributed by Grigory Filatov

## (see source code in folder \harbour\utils\hbmk2) [PRO VERSION]

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - minor correction in the method LoadFields().

## Contributed by Sergej Kiselev

## (see demo in folder \samples\Advanced\Tsb\_SBrowse)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.46.0dev (from 3.45.2).

## Contributed by Grigory Filatov

## \* New: 'Comparison of standard and professional MiniGUI builds' table.

## Contributed by Grigory Filatov

## (see in folder \Doc)

## \* New: 'C source code reformatter GreatCode' utility by Christophe Beaudet:

## - added configuration files for processing the MiniGUI core code.

## Contributed by Grigory Filatov

## (see in folder \Utils\GreatCode) [PRO VERSION]

## \* New: 'File date changer utility' sample.

## Contributed by Pierpaolo Martinello

## (see in folder \samples\Advanced\Filedate)

## \* Updated: 'Dlu2Pixel Demo' sample.

## Contributed by Sergej Kiselev

## (see in folder \samples\Basic\GetBox\_3)

## \* Updated: 'Set ShowRedAlert On' sample: improved Error Dialog output.

## Contributed by Grigory Filatov

## (see in folder \samples\Basic\ShowDetailError)

## \* Updated: 'Enable/Disable Window/Control Events' sample:

## - updated for compatibility with the last Minigui changes.

## Contributed by Grigory Filatov

## (see in folder \samples\Basic\StopEvents)

## \* Updated: 'Five GUI libraries for testing' sample.

## Contribution of Jose Quintas.

## Revised for Minigui Extended by Grigory Filatov

## (see in folder \samples\Advanced\FiveLibsTest)

## \* Updated: 'Using of TSBrowse for a table from an array' sample:

## - added possibility to resize form.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Advanced\Tsb\_array\_3)

## \* Updated: 'Open array via SBrowse' sample:

## - added saving of the memo field using the CTRL+W hotkey.

## Contributed by Sergej Kiselev

## (see demo2.prg in folder \samples\Advanced\Tsb\_SBrowse)

## \* Updated: UnRar sample and HbUnrar library:

## - updated unrar.dll to the current version 7.00 (from 6.24).

## Contributed by Grigory Filatov

## (see in folder \samples\Advanced\UnRar)

## 2024/03/18: HMG Extended Edition version 24.03.

## \* Enhanced: The internal OOP class THmgData was improved for Json support:

## - added the new method Json( cJson, lMode );

## - modified the method Set( xKey, xVal, lJson );

## - modified the method Get( xKey, xDef, lJson ).

## The modified TIniData class can process json for the Read\Write

## methods when the string contains the identification characters

## "j{" or "J{", i.e.

## j{"FORMNAME":"wMain","TITLE":"Demo","BACKCOLOR":<192,192,192>,

## "MAIN":true,"WIDTH":640,"HEIGHT":480}

## Suggested and contributed by Sergej Kiselev

## (see demo in folder \samples\Basic\ini\_json)

## \* Updated: HMG Oficial changes to the \_SetValue() function for handling celled

## Grid were guarded by the constant \_HMG\_COMPAT\_ in the source code.

## Requested of Jose Quintas.

## \* Updated: Harbour's SQLRDD library binary has been updated with the latest

## fork modifications: fixed access to internal string elements.

## Revised for Minigui Extended by Grigory Filatov

## (see SQLRDD Manual in folder \Doc) [PRO VERSION]

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.45.2 (from 3.45.1).

## Contributed by Grigory Filatov

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2024-03-07 13:41):

## \* Updated zlib library to 1.3.1 (from 1.3.0);

## \* Updated libpng library to 1.6.43 (from 1.6.40).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (look at ReadMe.txt in folder \harbour) [PRO VERSION]

## \* New: 'Explore the Payroll dataset with MySQL via SQLRDD' sample.

## Contributed by Grigory Filatov

## (see in folder \samples\Advanced\SQLRDD\Payroll) [PRO VERSION]

## \* Updated: 'Incremental Search in Grid' sample.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\IncrementalSearch\_2)

## \* Updated: 'WAIT WINDOW with an AVI expectation in a thread' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see demo3.prg in folder \samples\Basic\WAIT\_WINDOW\_4)

## \* Updated: 'OwnButtonPaint Function' sample shows how to create the ownerdraw

## window, menu, toolbar and different buttons styles.

## Contributed by Sergej Kiselev

## (see in folder \samples\Advanced\ExpButton)

## \* Updated: 'Open Table InSpector' sample:

## - updated the source code for the Otis library version 1.50 b01;

## - updated documentation (look at \Doc folder).

## Contributed by Hans Marc.

## - modified size of 'Table InSpector' form for a small size screen;

## - added color theme #3 in the set\_theme() function.

## Contributed by Grigory Filatov

## (see in folder \samples\Advanced\OTIS)

## 2024/02/27: HMG Extended Edition version 24.02.

## \* Fixed: The program crashed when using the HMG\_SetMenuTheme() function

## along with a transparent label on the form (introduced in the

## build 19.10). The issue was reported by Verchenko Andrey.

## Contributed by Grigory Filatov

## \* New: Added the useful function HMG\_GetAllFonts( [ lObj ] ) to get an

## array of font names and parameters that were defined with

## DEFINE FONT <font> FONTNAME <name> ... command.

## Sample code:

## HMG\_GetAllFonts() -> array with font names

## HMG\_GetAllFonts( .F. ) -> array with font names and parameters

## Contributed by Sergej Kiselev

## \* Enhanced: Added the optional 3rd and 4th parameters in the ExtractIconEx()

## function for extraction the ICON of a resource ID from exe or dll.

## Syntax:

## ExtractIconEx( cResName, nItem [, nX ] [, nY ] ) => { hIcon, nId },

## where nX and xY are the icon sizes in pixels (32x32 by default).

## Requested by Verchenko Andrey.

## Contributed by Grigory Filatov

## (see demo4.prg in folder \samples\Basic\Icons)

## \* Updated: Improved object error logging using the \_o2Log() function.

## Contributed by Sergej Kiselev

## (see demo3.prg in folder \samples\Advanced\APP\_OOPREPORT)

## \* Updated: Harbour's SQLRDD library binary has been updated with the latest

## fork modifications: silence -w3 Harbour warnings.

## Revised for Minigui Extended by Grigory Filatov

## (see SQLRDD Manual in folder \Doc)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.45.1 (from 3.45.0).

## Contributed by Grigory Filatov

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2024-02-10 11:27):

## - updated OLE support in the HbWin library

## (see demo in folder \samples\Advanced\SapiVoice)

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'WAIT WINDOW with an AVI expectation in a thread' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Basic\WAIT\_WINDOW\_4)

## \* New: 'Menu based on ButtonEx object' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Advanced\ACHOICE\_4)

## \* New: 'Using the SPVoice API' sample.

## Contributed by Daniel Maximiliano at the official HMG forum.

## (see in folder \samples\Advanced\SapiVoice)

## \* Updated: 'Show of icons from the system DLL libraries' sample:

## - updated for compatibility with the last Minigui changes.

## Contributed by Grigory Filatov

## (see in folder \samples\Basic\DLLICONS)

## \* Updated: 'Drawing examples' sample:

## - an attempt to replace the ERASE WINDOW command with our

## own processing, preserving some of the drawn lines.

## Based upon a contribution of Adam Lubszczyk.

## Revised by Grigory Filatov

## (see in folder \samples\Basic\DRAW\_LINE\_ARC)

## \* Updated: 'Command Link Button emulation for WinXP' sample.

## Contributed by Grigory Filatov

## (see in folder \samples\Advanced\CommandLinkXP)

## \* Updated: 'Show of icons from the system library shell32.dll':

## - updated for compatibility with the last Minigui changes.

## Contributed by Grigory Filatov

## (see demos in folder \samples\Basic\ExtractIcon)

## \* Updated: 'Five GUI libraries for testing' sample.

## Contribution of Jose Quintas.

## Revised for Minigui Extended by Grigory Filatov

## (see in folder \samples\Advanced\FiveLibsTest)

## 2024/01/22: HMG Extended Edition version 24.01.

## \* Fixed: Incorrect handling of the FontColor and BackColor properties in

## the CHECKLISTBOX control.

## You can set/get these properties with

## - function syntax:

## SetProperty ( Form, Control, 'BackColor', { n1 , n2 , n3 } )

## GetProperty ( Form, Control, 'FontColor' ) --> aColor

## - pseudo-OOP syntax:

## Form.ChkListBox.FontColor := { n1 , n2 , n3 }

## Form.ChkListBox.BackColor --> aColor

## Bug was reported by Ivanil Marcelino.

## Contributed by Grigory Filatov

## (see demo.prg in folder \samples\Basic\CheckListBox)

## \* Enhanced: Added the optional second parameter in the HMG\_Alert\_MaxLines()

## function for managing of the max width of the EditBox line in the

## HMG\_Alert() function.

## Syntax:

## HMG\_Alert\_MaxLines( <nLines> [, <nMaxWide>] ) => nPrevLines

## Suggested and contributed by Sergej Kiselev

## (see demo in folder \samples\Advanced\APP\_OOPTEMPLATE)

## \* New: The GetAppLocalDataFolder() function returns an Application Data Folder

## path for a local user.

## The GetWindowsTempFolder() function returns the path to the Windows

## temporary folder on the root drive.

## Contributed by Grigory Filatov

## (see demo in folder \samples\Basic\Misc)

## \* Updated: Harbour's SQLRDD library binary has been updated with the latest

## fork modifications.

## Revised for Minigui Extended by Grigory Filatov

## (see SQLRDD Manual in folder \Doc)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.45.0 (from 3.44.2).

## Contributed by Grigory Filatov

## \* New: 'Menu based on AVI and LABEL objects' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Advanced\ACHOICE\_3)

## \* New: 'Explore sample databases bundled with MySQL via SQLRDD' samples:

## \* Sakila Database

## (see in folder \samples\Advanced\SQLRDD\Sakila)

## \* World Database

## (see in folder \samples\Advanced\SQLRDD\World)

## Contributed by Grigory Filatov

## \* Updated: 'HMG Misc' sample:

## - added function DirRemoveAllExceptParent( <cDir> ) -> <lResult>

## This function recursively deletes entire directories along with

## files without the root folder specified as a parameter.

## Contributed by Grigory Filatov

## (see in folder \samples\Basic\Misc)

## \* Updated: 'WAIT WINDOW with an expectation in a thread' sample:

## - GIF processing has been moved to a separate file for ease of use.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Basic\WAIT\_WINDOW\_3)

## \* Updated: 'Blank-an example of a finished program with timers' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Advanced\APP\_OOPTEMPLATE)

## \* Updated: 'Five GUI libraries for testing' sample.

## Contribution of Jose Quintas.

## Revised for Minigui Extended by Grigory Filatov

## (see in folder \samples\Advanced\FiveLibsTest)

## 2023/12/18: HMG Extended Edition version 23.12.

## \* Modified: Adaptation of MiniGUI core is revised for compatibility with

## Embarcadero C++ 7.70 (32-bit) compiler.

## Contributed by Grigory Filatov.

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2023-12-08 23:17):

## \* Updated: SddSqlt3 library source code

## (see in folder \Source\HbSqlDD)

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Windows with different languages' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Advanced\APP\_OOPLANG)

## \* Updated: 'Blank-an example of a finished program with timers' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Advanced\APP\_OOPTEMPLATE)

## \* Updated: 'TSBrowse Viewer' sample is based upon the function \_TBrowse().

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Advanced\Tsb\_Viewer)

## 2023/11/27: HMG Extended Edition version 23.10 (Update 2).

## \* Modified: Adaptation of MiniGUI core is completed for compatibility with

## Embarcadero C++ 7.70 (32-bit) compiler (packaged on 2023-10-28).

## This is a Clang-enhanced compiler and comes with free C++Builder 11

## Community Edition at

## https://www.embarcadero.com/products/cbuilder/starter

## Contributed by Grigory Filatov.

## \* Updated: HbSQLite3 library source code:

## - a core C-code was borrowed from the Harbour fork 3.4.0;

## - implemented SQLITE3\_DB\_FILENAME() on SQLite 3.7.10+;

## - implemented SQLITE3\_EXPANDED\_SQL(), SQLITE3\_TRACE\_V2()

## on SQLite 3.14.0+;

## - update hbsqlit3.ch for using SQLite constants of version 3.44.0.

## Contributed by Phil Krylov

## (see in folder \Source\HbSQLite3)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.44.2 (from 3.44.0).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2023-11-22 09:06):

## \* Updated: OpenSSL wrapper for using of the version 1.1.1w.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.4.4.7 Project Manager and Two-Way Visual Form Designer:

## - built with the lite version of MiniGUI 23.10.

## Contributed by Grigory Filatov

## (see in folder \Ide)

## \* New: 'Edit Extended Plus' sample by Cristobal Molla:

## - see 'Edit Extended3 (en).pdf' for details.

## Revised for Minigui Extended by Grigory Filatov

## (see in folder \samples\Basic\EditexPlus)

## \* Updated: SQLite3 console examples:

## \* updated to use SQLITE3\_TRACE\_V2() on SQLite 3.14.0+.

## Contributed by Phil Krylov.

## Revised for Minigui Extended by Grigory Filatov

## (see demos in folder \samples\Advanced\SQLITE)

## 2023/11/14: HMG Extended Edition version 23.10 (Update 1).

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.44.0 (from 3.43.2).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2023-11-11 21:41):

## \* Updated pcre library to 8.45 (from 8.34).

## Contributed by Phil Krylov

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Message Color' sample:

## - use of custom settings in the user message window.

## Contributed by Paolino Rappa

## (see in folder \samples\Advanced\MessageColor)

## \* New: 'MySQL Basic for SQLRDD library' samples.

## Based upon a contribution of Mitja Podgornik.

## Revised to use SQLRDD by Grigory Filatov

## (see in folder \samples\Advanced\SQLRDD\Basic)

## \* Updated: 'MySql Client with TMySQL class' sample.

## Based upon a contribution of Pierpaolo Martinello

## (see in folder \samples\Advanced\MySqlClient)

## \* Updated: 'MySql Client for SQLRDD library' sample.

## Based upon a contribution of Pierpaolo Martinello

## (see in folder \samples\Advanced\SQLRDD\mysqlcli)

## \* Updated: 'Charts for SQLRDD library' sample.

## Based upon a contribution of Pierpaolo Martinello

## (see in folder \samples\Advanced\SQLRDD\Charts)

## \* Updated: 'Sending mail with using CURL, CDO, TSMTP' sample:

## - fixed sending email from the GMail server with application password

## and the following parameters: smtp.gmail.com port 465 SSL.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Applications\SendMail2)

## 2023/10/31: HMG Extended Edition version 23.10.

## \* New: The SQLRDD library for Harbour has been added to the list of libraries.

## The SQLRDD works with the following SQL servers:

## MySQL, Postgres, Firebird, Oracle, MS SQL, etc.

## The major features of SQLRDD are:

## - transparent access to SQL databases using xBase commands and functions;

## - creates the database components using xBase Data Definition syntax;

## - easy migration from another RDDs;

## - satisfactory performance even with huge tables;

## - translates RELATIONS into JOINS or OUTER JOINS inside the database

## server to have a better use of the SQL Engine features;

## - the same application runs with all database systems without

## modifications.

## Note. You will need to have a fully working installation of one of

## supported SQL systems to use SQLRDD.

## (see SQLRDD Manual in folder \Doc)

## Revised for Minigui Extended by Grigory Filatov

## (see demos in folder \samples\Advanced\SQLRDD)

## \* Modified: The EDIT EXTENDED command is completed for compatibility with SQLRDD:

## - updated index search;

## - updated database filtering;

## - updated exit procedure.

## Contributed by Grigory Filatov.

## \* Modified: The BROWSE control is completed for compatibility with SQLRDD:

## - updated assignment of value in the database with a filter installed;

## - updated rows refreshing in the database with a filter installed;

## - added automatic lock setting with forced data saving.

## Contributed by Grigory Filatov

## (see sqlrdd.prg in folder \samples\Advanced\SQLRDD\cdx2sql)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.43.2 (from 3.43.1).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* New: 'Test examples for SQLRDD library' samples.

## Contribution of Marcelo Lombardo.

## Revised and tested with MySQL server by Grigory Filatov

## (see in folder \samples\Advanced\SQLRDD)

## \* Updated: 'Five GUI libraries for testing' sample.

## Contribution of Jose Quintas.

## Revised for Minigui Extended by Grigory Filatov

## (see in folder \samples\Advanced\FiveLibsTest)

## \* Updated: 'Read XLS' sample:

## - fixed a runtime error when used on a system without Excel installed.

## Contributed by Grigory Filatov.

## (see in folder \samples\Advanced\ReadXLS)

## 2023/09/26: HMG Extended Edition version 23.09 (Update 2).

## \* Modified: Adaptation of MiniGUI core is completed for compatibility with

## Borland/Embarcadero C++ 7.60 32-bit compiler.

## This is a Clang-enhanced compiler and comes with free C++Builder 11

## Community Edition (just similar to MS Visual C++ CE) at

## https://www.embarcadero.com/products/cbuilder/starter

## Contributed by Grigory Filatov

## \* Updated: Internal function \_LogFile() has been improved to get first

## parameter as a two-dimensional array (with backward compatible).

## Suggested and contributed by Sergej Kiselev

## (see demo3.prg in folder \samples\Advanced\APP\_OOPREPORT)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - improved error message for missing image resource.

## Requested and contributed by Verchenko Andrey.

## \* New: 'Five GUI libraries for testing' sample:

## - HWGUI, HMGE, OOHG, GTWVG and HMG3 wrappers for controls: BUTTON,

## EDIT, TAB, TABPAGE, PANEL (no yet), BROWSE, LABEL and DIALOG.

## Contribution of Jose Quintas.

## Revised for Minigui Extended by Grigory Filatov

## (see in folder \samples\Advanced\FiveLibsTest)

## \* Updated: 'Menu with DISABLED clause' sample:

## - added an example of using of a detached local variable

## in the menu creation cycle.

## Contributed by Grigory Filatov

## (see demo2.prg in folder \samples\Basic\Menu\_2)

## \* Updated: 'Using OOP events for creation of the reports' sample:

## - improved objects error logging with a new function

## o2Log( o, nLen, cMsg, lExt, cLog ).

## Contributed by Sergej Kiselev

## (see demo3.prg in folder \samples\Advanced\APP\_OOPREPORT)

## \* Updated: 'Sumatra PDF Viewer' utility:

## - fixed use of the SetMinMaxTrackSize() function in the main

## event handler.

## Contributed by Grigory Filatov

## (see in folder \samples\Advanced\PdfView)

## \* Updated: 'TSBrowse Viewer' sample is based upon the function \_TBrowse().

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Advanced\Tsb\_Viewer)

## \* Updated: 'UPX shell' sample: updated to use the latest UPX 4.1.0.

## Contributed by Grigory Filatov

## (see in folder \samples\Applications\UPXshell)

## 2023/09/12: HMG Extended Edition version 23.09 (Update 1).

## \* New: Added the useful C-function SetStandby() to prevent

## the computer from entering sleep or turning off the display

## while the application is running.

## Syntax:

## SetStandby( .T. | [ .F. ] ) => nPrevState

## Based upon a code borrowed from public Fivewin forum.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - fixed an incorrect call of the Events() function when changing

## of the main event listener with the SET EVENTS FUNCTION TO <name>

## command.

## The bug was reported by Verchenko Andrey

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.43.1 (from 3.43.0).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2023-07-07 00:07):

## \* Updated zlib library to 1.3.0 (from 1.2.13).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: 'Show Password without the asterisks and vice versa' sample:

## - simplified code for getting the properties of a textbox.

## Contributed by Grigory Filatov

## (see in folder \samples\Basic\ShowPassword)

## \* Updated: 'Open Table InSpector' sample:

## - updated the source code for the Otis library version 1.40 b01;

## - updated documentation (look at \Doc folder).

## Contributed by Hans Marc

## (see in folder \samples\Advanced\OTIS)

## 2023/08/28: HMG Extended Edition version 23.09.

## \* Fixed: GETBOX: Possible program crash when GetTextMetric() function

## fails at runtime.

## The issue was reported by Sergej Kiselev.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Fixed: TEXTBOX: Possible program crash in the oEditEvents() function

## at runtime on rare occasion.

## The issue was reported by Sergej Kiselev.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - fixed incorrect edit field position after changing TBROWSE

## position (when row/col properties were changed at runtime).

## The bug was reported by Hans Mark on the Minigui forum.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.43.0 (from 3.42.0).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2023-07-07 00:07):

## \* Updated libpng library to 1.6.40 (from 1.6.39).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Owner buttons demo' sample by HMG user KDJ.

## Requested by Sylvain Larche.

## Adapted for Minigui Extended by Grigory Filatov

## (see in folder \samples\Advanced\OwnButton)

## \* Updated: 'Draw Box and Panel Gradient' sample by Petr Chornyj.

## Based upon a contribution of Pierpaolo Martinello

## (see in folder \samples\Advanced\DrawGradient)

## \* Updated: 'File Manager v.0.52' sample.

## Contributed by Grigory Filatov

## (see in folder \samples\Advanced\FileMan)

## \* Updated: UnRar sample and HbUnrar library:

## - updated unrar.dll to the current version 6.23 (from 6.22).

## Version 6.23 fixes a crictical bug in unrar.dll.

## Contributed by Grigory Filatov

## (see in folder \samples\Advanced\UnRar)

## 2023/07/31: HMG Extended Edition version 23.07.

## \* Fixed: Removed unnecessary assignments from DATEPICKER C-code.

## Based upon a contribution of Claudio Soto.

## Adapted for Minigui Extended by Grigory Filatov

## \* Fixed: Resource leak detected in C-function IsHIcon( hIcon )

## (introduced in the build 23.02 Update 4).

## Revised using of C-function GetIconInfo() in kernel C-code.

## Contributed by Grigory Filatov

## \* Modified: The definition of the SPINNER control has been changed at

## the C level to comply with the current WinAPI specification.

## Contributed by Grigory Filatov

## (see demo in folder \samples\Basic\SPINNER)

## \* Modified: Internal function nOr( <x,...> ) is replaced by [x]Harbour

## function hb\_BitOr().

## Contributed by Grigory Filatov

## (see i\_pseudofunc.ch in folder Include\)

## \* Enhanced: 'This' object now supports reference to control events.

## You can set/get these events at runtime with

## This.<Control>.Event.Action := bAction

## This.<Control>.Event.Action -> bAction

## This.<Control>.Event.OnChange := bOnChange

## This.<Control>.Event.OnChange -> bOnChange

## Suggested and contributed by Sergej Kiselev

## (see demo in folder \samples\Basic\AlertBoxes)

## \* Updated: Code cleaning for compatibility with outdated BCC 5.5 compiler

## (regression was introduced in the build 23.04 Update 4).

## Warning: You should recompile the MiniGUI library with BCC 5.5

## compiler for correct use.

## Contributed by Grigory Filatov

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2023-07-07 00:07):

## - fixed GPF when object item variable is passed by reference but

## the object is neither instance of standard class nor scalar class.

## Contributed by Przemyslaw Czerpak <druzus/at/priv.onet.pl>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Freeze/block program execution when external application starts' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Advanced\FreezeAppExecution)

## \* Updated: 'Alert Boxes usage' sample:

## - added sample OwnerDraw message box with gradient filled buttons.

## Requested by Verchenko Andrey.

## Based upon a contribution of Sergej Kiselev

## (see in folder \samples\Basic\AlertBoxes)

## \* Updated: 'Color selection' sample by CAS: added useful function

## ContrastClr( nClr ) -> nContrastClr

## Contributed by Grigory Filatov

## (see in folder \samples\Basic\Color\_2)

## \* Updated: 'Show of icons from the system DLL libraries' sample:

## - added missing descriptions for some DLLs.

## Contributed by Grigory Filatov

## (see in folder \samples\Basic\DLLICONS)

## \* Updated: 'Combo Color' sample by Janusz Pora: added the Win10 colors.

## Based upon a contribution of Verchenko Andrey

## (see in folder \samples\Advanced\ComboColor)

## \* Updated: 'File Manager v.0.52' sample: fixed detection of COM ports using

## hbwin contrib library instead local implementation.

## Contributed by Grigory Filatov

## (see in folder \samples\Advanced\FileMan)

## \* Updated: 'TSBrowse Viewer Demo' sample:

## - updated TsbViewer library to version 0.7.

## Based upon a contribution of Sergej Kiselev

## (see in folder \samples\Advanced\Tsb\_Viewer)

## \* Updated: UnRar sample and HbUnrar library:

## - updated UnRar.Dll to the current version 6.22 (from 6.0).

## Contributed by Grigory Filatov

## (see in folder \samples\Advanced\UnRar)

## 2023/06/28: HMG Extended Edition version 23.04 (Update 4).

## \* New: Added a new command for managing of the parent handle of Modal form

## at runtime:

## SET WINDOW MODAL [ PARENT ] HANDLE <ON | OFF>

## This can be useful when calling one modal window from another.

## Note. The default parent form for a modal form is the Main

## Application Window.

## Suggested and contributed by Sergej Kiselev

## \* Enhanced: The optional clause IMAGESIZE <w>, <h> respects ICON property

## in the ButtonEx control. Note that the alternative syntax is

## IMAGEWIDTH <w> and IMAGEHEIGHT <h>.

## Requested by Verchenko Andrey.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Basic\ButtonEx\_3)

## \* Modified: The C-function SwitchToThisWindow( hWnd, [lRestore] ) has been

## moved from the sample to the MiniGUI core.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Advanced\GetFonts)

## \* Updated: Unneeded casting of the C-code was removed in some places.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* New: 'Rendering multi-colored text on the form' sample.

## It was a pending user request.

## Based on code borrowed from the Fivewin public forum.

## Adapted for Minigui Extended by Grigory Filatov

## (see in folder \samples\Advanced\COLORFUL\_TEXT)

## \* Updated: 'Custom Button' user component sample:

## - improved code to use native HMG button (picture and text).

## Contributed by Grigory Filatov

## (see hmgbutton.prg in folder \samples\Basic\USER\_COMPONENTS)

## \* Updated: 'System Idle Detection' sample: minor modifications.

## Contributed by Grigory Filatov

## (see demo2.prg in folder \samples\Advanced\SysIdle)

## 2023/06/12: HMG Extended Edition version 23.04 (Update 3).

## \* New: Added SET MULTIPLE QUIT [WARNING] command to prevent starting

## a second copy of the application.

## Based upon a contribution of Sergej Kiselev

## \* Updated: Unneeded casting of the C-code was removed in some places.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Internal OOP class TWndData: added method Enabler().

## Suggested and contributed by Sergej Kiselev

## \* Updated: 'MiniGUI Extended Edition Common Commands' list:

## - added the recent entered commands.

## (look at commands.txt in folder \Doc)

## \* New: 'Control file changes in another program with MT' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Advanced\Tsb\_FileChangeControl)

## \* Updated: 'hb\_DirScan() function usage' sample: minor modifications.

## Contributed by Grigory Filatov

## (see in folder \samples\Basic\DirSelect)

## \* Updated: 'Example assembled from three parts (modules)' sample.

## Contributed by Verchenko Andrey

## (see in folder \samples\Basic\SPLASHDEMO\_3)

## \* Updated: 'Custom Button' user component sample:

## - modified code to use native HMG button (picture and text).

## Contributed by Grigory Filatov

## (see hmgbutton.prg in folder \samples\Basic\USER\_COMPONENTS)

## \* Updated: 'ShellExecuteEx() and WaitForSingleObject() usage' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see demo3.prg in folder \samples\Advanced\ShellExec)

## 2023/05/30: HMG Extended Edition version 23.04 (Update 2).

## \* Enhanced: Added the OOP class TThrData for managing objects

## in the thread.

## Suggested and contributed by Sergej Kiselev

## (see demo3.prg in folder \samples\Advanced\ShellExec)

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2023-05-19 16:29):

## \* Fixed: do not generate warnings for undeclared methods

## when -w[12] is used.

## Contributed by Przemyslaw Czerpak <druzus/at/priv.onet.pl>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'FTP Navigator' sample based upon CURL library.

## Note: this example requires curl.dll.

## Based upon a contribution of HMG user Edward.

## Adapted for Minigui Extended by Jozef Rudnicki

## (see in folder \samples\Advanced\FtpNavigator)

## \* New: 'Read xlsx files without using OLE, libraries, etc' sample.

## Don't miss this very interesting example!

## Based upon a contribution of HMG user Edward

## (see in folder \samples\Advanced\ReadXLSX)

## \* Updated: 'Horizontal radio group with variable items width' sample:

## - updated with the latest changes in the Minigui core.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\RadioGroup\_nofixed)

## \* Updated: 'ShellExecuteEx() and WaitForSingleObject() usage' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Advanced\ShellExec)

## \* Updated: 'Monthly calendar with date stamp at runtime' sample:

## - changed color theme.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo2.prg in folder \samples\Advanced\Tsb\_calendar)

## 2023/05/16: HMG Extended Edition version 23.04 (Update 1).

## \* Enhanced: New GetCPUInfo() function was used in the Error logging

## routine.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Basic\ShowDetailError)

## \* Enhanced: Added a new optional clause HOTKEY <KeyName> to the

## CREATE LINK FILE command.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Basic\CreateLink)

## \* Updated: Unneeded casting of the C-code was removed in some places.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Added use of low-level resource management system to C code

## of CreateGradientBrush() function.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Advanced\SetThemes)

## \* Updated: HBPrinter library:

## - further parameter substitution in C-code using macros from

## the header file mgdefs.h.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see source in folder \Source\HBPrinter)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.42.0 (from 3.41.2).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2023-05-12 18:13).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: 'Tree Menu' sample: added useful function

## TreeItemGetPathValue ( ControlName, ParentForm, nItem ).

## Adapted for Minigui Extended by Grigory Filatov

## (see in folder \samples\Basic\TreeMenu\_2)

## \* Updated: 'PageScript 32 test' sample:

## - update external app Viewer.exe to version 1.2 (from 1.0).

## Contribution of Richard Visscher <richard/at/irvis.com>

## (see in folder \samples\Advanced\PageScript)

## 2023/04/27: HMG Extended Edition version 23.04.

## \* Fixed: Revised a releasing of the COMBOBOXEX control

## (a bug has been introduced since the first implementation

## of this control).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Enhanced: Standard IMAGE BUTTON control supports normal display

## of the PNG images with alpha channel.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Basic\BUTTON\_4)

## \* Enhanced: The GetBox control additionally supports Ctrl+Z hotkey

## to undo the current value when editing.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Basic\GetBox)

## \* Enhanced: Added a new optional clause IMAGESIZE <w>, <h> to the

## COMBOBOXEX control (similar to ButtonEx control).

## The alternative syntax is IMAGEWIDTH <w> and IMAGEHEIGHT <h>.

## Requested by Ivanil Marcelino.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Enhanced: MENUITEM command supports optional clause ICON <icon>

## in the context menu.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Advanced\MenuEx)

## \* Enhanced: Added description of OS error value in the ErrorLog file.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Basic\ErrorLog)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - fixed incorrect use of the SetMsg() method in the TSBrowse

## class when TBROWSE was defined without a MESSAGE clause.

## The issue was reported by Pete D.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: HbZipArc library source code:

## - added new function hb\_IsZipFile( <cFilename> ) for

## a quick test to determine if a file is a ZIP file.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \Source\HbZipArc)

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2023-04-21 13:01).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: 'My Error Function' sample:

## - added using the function GetOSErrorDescription( <nError> ).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\MyErrorFunc\_2)

## \* Updated: 'HbZipArc usage' sample:

## - added using the function hb\_IsZipFile() before unpacking.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo.prg in folder \samples\Basic\Zip)

## \* Updated: 'MiniZip usage' sample:

## - the function COMPRESSFILES() has been updated for correct

## zipping without the parameter <lOverwrite> (add to zip).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\Zip\_3)

## \* Updated: 'PageScript 32 test' sample:

## - update for using PageScript DLL 4.0.1.157 (from 4.0.1.144).

## Contribution of Richard Visscher <richard/at/irvis.com>

## (see in folder \samples\Advanced\PageScript)

## \* Updated: 'DBF Index Manager' sample.

## Contributed by Gilbert Vaillancourt.

## (see in folder \samples\Applications\DBFIndex)

## \* Updated: 'MiniGUI DataBase Utility' sample:

## - attempt to reduce flicker when opening DBF with using

## the DisableUpdate and EnableUpdate methods.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \Utils\mgDBU)

## 2023/03/30: HMG Extended Edition version 23.02 (Update 4).

## \* New: Added the new C-function IsHIcon( hIcon ) --> lIsHIcon to check

## if the given parameter is a pointer to an icon.

## This function is already used in the Minigui core.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* New: Added HbLibXlsxWriter library by Fausto Di Creddo Trautwein

## for creating new Excel XLSX files.

## Based upon the Libxlsxwriter C library of John McNamara.

## Adapted for Minigui Extended by Grigory Filatov

## (see source in folder \Source\hblibxlsxwriter)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - minor corrections in the method UpStable().

## Investigated and contributed by Igor Nazarov

## (see demo in folder \samples\Advanced\TSBrowse)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.41.2 (from 3.41.1).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* New: 'Show of icons from the system DLL libraries' sample.

## Based upon a contribution of Auge & Ohr, Jimmy at HMGFORUM.

## (see in folder \samples\Basic\DLLICONS)

## \* New: 'HyperLinks and Labels usage' sample.

## Based upon a contribution of Pablo Cesar Arrascaeta at HMGFORUM.

## Adapted for Minigui Extended by Grigory Filatov

## (see in folder \samples\Basic\HYPERLINK\_2)

## \* Updated: 'Usage of the built-in ZIP support of Windows' sample:

## - modified for archiving to the Backup subfolder.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\Zip\_4)

## \* Updated: 'HbLibXlsxWriter library test' samples:

## - update for using libxlsxwriter version 1.1.5 (from 0.7.5).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Advanced\HbXlsxWriter)

## 2023/03/14: HMG Extended Edition version 23.02 (Update 3).

## \* Enhanced: The dialog boxes (GetFile, GetFolder, PutFile, MsgXXX,

## MessageBoxTimeout, GetPrinter, etc.) respects the global

## icon setting which was specified via the command

## SET DEFAULT ICON TO <IconName>.

## Requested by Pete D.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Advanced\SetDialogBoxIcon)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.41.1 (from 3.41.0).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2023-03-09 15:50):

## \* fixed the HPDF\_Page\_SetDash() function in libhpdf library.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: 'Set a default icon to a standard dialog box' sample:

## - updated with the latest changes in the Minigui core.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Advanced\SetDialogBoxIcon)

## \* Updated: 'How to add, edit, delete and view data using an object

## in child window MDI' sample.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see test04.prg in folder \samples\Advanced\TDatabase)

## \* Updated: 'Using of TSBrowse for a table from an array' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Advanced\Tsb\_array\_4)

## 2023/03/02: HMG Extended Edition version 23.02 (Update 2).

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: DynamicFont property to have any text font and style in header.

## <ParentWindow>.<GridControl>.HeaderDYNAMICFONT ( nCol ) := {|| cFontName }

## where

## cFontName was defined with DEFINE FONT <font> FONTNAME <name> ... command

## - New: HeaderDynamicForeColor and HeaderDynamicForeColor

## <ParentWindow>.<GridControl>.HeaderDYNAMICFORECOLOR ( nCol ) := {|| aColor }

## <ParentWindow>.<GridControl>.HeaderDYNAMICBACKCOLOR ( nCol ) := {|| aColor }

## (see demo in folder \samples\Basic\Grid\_Dynamic\_Font)

## - Enhanced: The GetColor() function can return an optional second parameter

## by reference.

## Syntax:

## GetColor ( [ aDefaultColor ], [ @aCustomColors ], [ lFullOpenBox ] )

## --> aColor or { NIL, NIL, NIL }

## where

## aCustomColors may be the array with 16 RGB-colors (or array) elements.

## (see demo in folder \samples\Basic\COMMON\_DIALOGS)

## Based upon a contribution of Claudio Soto.

## Adapted for Minigui Extended by Grigory Filatov

## \* New: 'Using of TSBrowse for a table from an array' sample:

## - deletion/insertion/duplicate records;

## - own virtual column on the left - numerator;

## - writing and reading to a JSON file.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Advanced\Tsb\_array\_4)

## \* Updated: 'HMG common dialogs' sample.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\COMMON\_DIALOGS)

## \* Updated: 'GRID Extended Test' sample:

## - updated for the recent changes in the Minigui core.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo5.prg in folder \samples\Basic\Grid\_Test)

## \* Updated: 'TsBrowse Array' sample.

## Problem was reported by Allan De Sa.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Advanced\Tsb\_Array)

## 2023/02/22: HMG Extended Edition version 23.02 (Update 1).

## \* Fixed: Pressing the <Space> key activates the FOCUSED button action

## from the old page after changing the TABs page at runtime.

## It exists in the official version too.

## Based upon a contribution of Pierpaolo Martinello

## (see demo3.prg in folder \samples\Basic\Tab\_3)

## \* Enhanced: Tab control will respect a validation when changing page

## by the set hotkey at runtime.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo4.prg in folder \samples\Basic\Tab\_3)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - fixed SuperHeader processing in the method ExcelOle().

## Contributed by Igor Nazarov.

## - enhanced method GotoRec( nRec [, lLastPos | nRowPos ] )

## for array handling also.

## Contributed by Sergej Kiselev.

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.41.0 (from 3.41.0dev).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: 'Create Desktop Shortcut' sample.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\CreateLink)

## \* Updated: 'Desktop Windows Version Market Share Worldwide' sample:

## - updated the data for January 2023.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'Open array via SBrowse' sample:

## - corrections in the function SBrowse\_Viewer().

## Contributed by Sergej Kiselev

## (see in folder \samples\Advanced\Tsb\_SBrowse\_3)

## \* Updated: 'My Player' sample: enhanced class TVlc.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Advanced\VLC)

## \* Updated: 'Database create' utility: minor fix.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \Utils\dbcre8)

## 2023/02/16: HMG Extended Edition version 23.02.

## \* Fixed: Minor issue in the GetFolder() function (bug was introduced

## in the build 2.5.1).

## Syntax:

## GetFolder( [cTitle], [cInitPath], [nFlags], [lNewFolderButton],

## [nFolderType] ) -> cFolderName

## where default nFlags value is BIF\_USENEWUI + BIF\_VALIDATE.

## Contributed by Pierpaolo Martinello

## (see demo in folder \samples\Basic\GetFolder)

## \* Modified: The second attempt to refactor the code was made using

## Harbour contrib library HbWin to replace the internal

## C-functions in the GetFile() and PutFile() functions:

## - the function C\_GETFILE() was replaced with the function

## win\_GetOpenFileName();

## - the function C\_PUTFILE() was replaced with the function

## win\_GetSaveFileName().

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demos in folders \samples\Basic\GetFile and

## \samples\Basic\PutFile)

## \* Updated: Adaptation of MiniGUI core for compatibility with

## Open Watcom C/C++ compiler version 2.0 (32-bit).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG:

## - added the following CENTER WINDOW commands:

## CENTER WINDOW <name> DESKTOP

## CENTER WINDOW <name> IN <parent>

## (see i\_hmgcompat.ch in folder \include)

## - added DisabledBackColor and DisabledFontColor clauses for

## TextBox and EditBox controls.

## (see demo in folder \samples\Basic\TEXTBOX\_1)

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added new optional parameter lCenter in the function SBrowse().

## Syntax:

## SBrowse( [uAlias], [cTitle], [bSetUp], [aCols], ;

## [nWidth], [nHeight], [lSql], [xModal], [lNumber], [lCenter] )

## where parameter xModal may have the logical or character value:

## "M" \ 1 \ .T. - modal, "C" \ 2 \ .F. - child, "S" \ 3 - standard.

## Contributed by Sergej Kiselev

## (see demo in folder \samples\Advanced\Tsb\_SBrowse\_3)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.41.0 (from 3.40.1).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2023-02-03 02:46):

## \* Updated libhpdf library to 2.4.3 (from 2.3.0 RC2).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'How to control access to Tab page(s) at runtime' sample.

## Requested by Pete D.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo4.prg in folder \samples\Basic\Tab\_3)

## \* New: 'WAIT WINDOW with an expectation in a thread' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Basic\WAIT\_WINDOW\_3)

## \* Updated: 'HMG common dialogs' sample.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\COMMON\_DIALOGS)

## \* Updated: 'HMG Window properties test' sample.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\WindowProperty\_2)

## \* Updated: 'Test Directory List with System Icons' sample:

## - simplified code to improve speed.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Advanced\FILEICON)

## \* Updated: 'RGB-Mixer' sample:

## - updated with the latest changes in the Minigui core.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Applications\RGBMixer)

## 2023/01/24: HMG Extended Edition version 23.01.

## \* Fixed: GETBOX: GetProperty( Form, Getbox, 'PICTURE' ) call always

## returns an empty value.

## The bug was reported by Hans Mark on the Minigui forum.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Enhanced: The Child window may manage the 'Parent' property.

## You can get this property at runtime:

## - function syntax:

## GetProperty ( ChildForm, 'Parent' ) --> cParent

## - pseudo-OOP syntax:

## ChildForm.Parent --> cParent

## Requested by Mario Rossi.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Enhanced: The Image control supports now a changing of the STRETCH

## property at runtime.

## You can set this property with:

## - function syntax:

## SetProperty ( Form, Image, 'Stretch', .T.|.F. )

## - pseudo-OOP syntax:

## Form.Image.Stretch := .T.|.F.

## It was a postponed modification.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Modified: Revised a font management with

## DEFINE FONT <font> FONTNAME <name> ... command:

## - restored a previous behavior of the function GetFontList() with

## the default charset parameter.

## The issue was reported by Vagner Sanches.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Applications\WordScribe)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - added the useful functions (and appropriate properties) below:

## - TreeItemGetAllValues();

## - TreeItemGetChildValues();

## - TreeItemGetSiblingValues().

## - GetProperty -> AllValue, ChildValue, SiblingValue.

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov

## (see demo in folder \samples\Advanced\DirTree\_2)

## \* Updated: Pacified the C-warnings in the MiniGUI core for compatibility

## with the Pelles ISO C Compiler 11.0 (64-bit).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.40.1 (from 3.40.0).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2023-01-23 12:46):

## \* Updated libpng library to 1.6.39 (from 1.6.38);

## \* bumped copyright year to 2023.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: 'Inter-application communication' sample:

## - fixed to use temp folder instead of "C:\" to avoid write

## permission issues.

## Suggested by Grzegorz Wojnarowski

## (see in folder \samples\Basic\COMM)

## \* Updated: 'Console+GUI mixed mode' sample.

## Contributed by Grzegorz Wojnarowski

## (see in folder \samples\Basic\MixedMode)

## \* Updated: 'Dynamic Menu' sample:

## - fixed behavior of the main menu after switching the language.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\MENU\_Dynamic)

## \* Updated: 'Virtual Grid with sorted columns' sample:

## - added workaround for inserted checkboxes.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\ON\_QUERYDATA)

## \* Updated: 'Tree Menu' sample by Bicahi Esgici:

## - updated with the latest changes in the Minigui core.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\TreeMenu)

## \* Updated: 'MySql Client' sample:

## - code cleaning for warnings with Harbour switch -w3.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Advanced\MySqlClient)

## \* Updated: 'Virtual Keyboard' sample.

## Contributed by Kristjan Zagar

## (see in folder \samples\Advanced\OnScreenKeyboard)

## \* Updated: 'Volume Info' sample:

## - using the function wapi\_GetVolumeInformation() instead of

## local implementation.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo.prg in folder \samples\Advanced\VOLUME\_INFO)

## \* Updated: 'Windows Version' sample:

## - fixed Windows 11 detection.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Advanced\WinVersion)

## \* Updated: 'WMI Service usage' sample:

## - fixed 'Memory Info' detection.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo2.prg in folder \samples\Advanced\WMI\_Service)

## 2022/12/21: HMG Extended Edition version 22.12 (Update 2).

## \* Enhanced: The ComboBox control supports the 'FontColor' and 'BackColor'

## properties in the THEMED Operating Systems.

## It was a postponed user's request.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Basic\Color)

## \* Modified: Adaptation of MiniGUI core is finished for compatibility with

## Borland/Embarcadero C++ 7.40 64-bit compiler.

## Notice that an additional XMATH system library is required for

## proper linking of the application. But this library is not in

## the official Embarcadero distribution.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Uncrustify formatting is applied to all C core code with

## configuration file hb-uncrustify.cfg from Harbour fork 3.4.0.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: WinReport library (see source in folder \Source\WinReport):

## - fixed wrong interpretation of Landscape command with MiniPrint.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo in folder \samples\Advanced\REPORT\_INTERPRETER)

## \* Updated: 'Tetris game' sample by Claudio Soto:

## - minor modifications in the procedure CreateVars().

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Applications\HMG\_Tetris)

## 2022/12/12: HMG Extended Edition version 22.12 (Update 1).

## \* Fixed: Font color of CheckBox and Frame controls is ignored when

## they are defined on the Tab page.

## The issue was reported by Pete D.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Enhanced: The GetBox control supports optional 'AUTOUPDATE' clause

## which only works with the FIELD clause. This clause enables

## automatic recording of the entered value in the DBF field.

## Sample code:

## @ 10, 10 GETBOX GetBox1 FIELD Test->CODE AUTOUPDATE

## This should be considered as an experimental feature.

## Requested by Slavko Ivanovic.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Modified: ButtonEx: using the definitions from C header uxtheme.h

## instead of local implementation.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Added new global macros for some parameters in the header

## file mgdefs.h.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: 'Bos Taurus' Graphics Library:

## - revised all code for optimization similar to Minigui core.

## It was a postponed modification.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see source in folder \Source\BosTaurus)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - re-fixed the KeyChar() method after the previous bug fix

## (introduced in build 22.12).

## Bug was reported by Fischer Zsolt.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \Utils\mgDBU)

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2022-11-25 18:14).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: 'Enum Processes' sample by Claudio Soto:

## - updated with the latest changes in the Minigui core.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Advanced\EnumProcesses)

## \* Updated: 'Set a default icon to a standard dialog box' sample:

## - updated with the latest changes in the Minigui core.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Advanced\SetDialogBoxIcon)

## 2022/11/29: HMG Extended Edition version 22.12.

## \* Fixed: Memory leak in CHECKLABEL related to bitmaps that existed since

## the first implementation of this control.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Enhanced: SWITCHER control supports displaying the corresponding image

## for disabled/enabled state at runtime.

## You can set/get this property with:

## - function syntax:

## SetProperty ( Form, Switcher, 'Enabled', .T.|.F. )

## GetProperty ( Form, Switcher, 'Enabled' )

## - pseudo-OOP syntax:

## Form.Switcher.Enabled := .T.|.F.

## Form.Switcher.Enabled --> lStatus

## It was a postponed modification.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Basic\CheckLabel\_3)

## \* Updated: Further replacement of return values in the kernel C-code

## with using the macros from the header file mgdefs.h.

## Unnecessary variables have also been removed in some places

## in the C code.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: the KeyChar() method crashed when defining TBrowse

## without any columns.

## Bug was reported by Luis Carlos Bolanhos.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \Utils\mgDBU)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.40.0 (from 3.40.0dev).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Shell32 library:

## - updated for the recent changes in the Minigui core.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Basic\Shell32)

## \* New: 'GRID Dynamic Color Test' sample.

## Based upon a contribution of HMG user Edward.

## Adapted for Minigui Extended by Grigory Filatov

## (see demo6.prg in folder \samples\Basic\Grid\_Test)

## \* Updated: 'Clipboard Tests' sample:

## - added getting a bitmap image from the clipboard and placing it

## on a tab.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\CLIPBOARD)

## \* Updated: 'Tree Menu' sample by Bicahi Esgici:

## - updated procedure ExpandAll() for recursive action.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\TreeMenu)

## 2022/11/15: HMG Extended Edition version 22.11.

## \* Fixed: Correction of style C-type from int to DWORD in the Minigui core

## according to the WinAPI definition.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: C-code cleaning for unneeded variables when defining controls

## and windows in the Minigui core.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: HbCurl library:

## - added HB\_CURLOPT\_MAXLIFETIME\_CONN to setup max lifetime;

## - added HB\_CURLOPT\_DEBUGBLOCK to setup a block for debug.

## Contributed by Antonino Perricone

## (see in folder \Harbour\Lib)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.40.0dev (from 3.39.4).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2022-11-11 21:15).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: 'Desktop Windows Version Market Share Worldwide' sample:

## - updated the data for October 2022.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'MiniGUI DataBase Utility' sample:

## - fixed setting of tags in TBrowse with using :uLastTag variable;

## - others minor corrections regarding tags.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \Utils\mgDBU)

## 2022/10/31: HMG Extended Edition version 22.09 (Update 3).

## \* Fixed: Correction of getting Panel Window position at runtime with new

## function \_GetWindowSizePos( FormName ).

## Based upon a contribution of Claudio Soto.

## Adapted for Minigui Extended by Grigory Filatov.

## \* Updated: Minor correction in the function HMG\_IsEqualArr( aData1, aData2 )

## for comparing of the two arrays.

## Based upon a contribution of HMG user Edward.

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG:

## - added pseudo-function GetFormTypeByIndexEx( nIndex ).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2022-10-23 11:30):

## \* Updated hbmk2 utility source code (see in folder \Utils\hbmk2);

## \* Updated libcurl library to 7.86.0 (from 7.62.0);

## \* Updated zlib library to 1.2.13 (from 1.2.12).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (look at ReadMe.txt in folder \harbour)

## 2022/10/14: HMG Extended Edition version 22.09 (Update 2).

## \* New: Added the useful C-function RCDataToMem().

## Syntax:

## RCDataToMem( <cResName>|<nResID>, [<cResType>|<nResType>], ;

## [<hModule>] ) => cResult

## Requested by Sergej Kiselev on the Russian HMG forum.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo3.prg in folder \samples\Advanced\RCDataToFile)

## \* Enhanced: OOP class TIniData supports loading the values from memory

## variable instead of ini file.

## Suggested and contributed by Sergej Kiselev

## (see demo2.prg in folder \samples\Advanced\Tsb\_Ini2Tbrowse)

## \* Updated: ComboBox control message APIs were used in some C-code instead

## the direct calling the function SendMessage().

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Advanced\AutoFill\_2)

## \* Updated: Finished replacement of LONG\_PTR with HB\_PTRUINT in the kernel

## C-code casting.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: MySql library source code (see in folder \Source\HbMySql):

## - added the support for SSL options in the class TMySQLServer;

## - added support for TIMESTAMP and DATETIME types in the method

## TMySQLQuery():GetRow().

## Based upon a contribution of Viktor Szakats (borrowed from 3.4 fork).

## Adapted for Minigui Extended by Grigory Filatov

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.39.4 (from 3.39.3).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: 'How to add, edit, delete and browse data into an object in

## an MDI-child window' sample.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see test04.prg in folder \samples\Advanced\TDatabase)

## 2022/09/30: HMG Extended Edition version 22.09 (Update 1).

## \* Enhanced: The standard EditBox control supports the optional

## NOBORDER clause.

## Requested by Eduardo Piazza at the Minigui forum.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo2.prg in folder \samples\Basic\DATA\_BOUND)

## \* Updated: Replacement of 'ValType( Var ) ==/!= "U"' definitions in the

## MiniGUI core with the 'Var ==/!= NIL' expressions.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2021-04-28 20:02):

## \* Updated libpng library to 1.6.38 (from 1.6.8);

## \* Updated zlib library to 1.2.12 (from 1.2.11).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Draw a Bar Graph with using GraphPlus library' sample.

## Look at 'Calculating the scores.docx' for description.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo6.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'Data-Bound Controls' sample:

## - updated handling of round rectangled edit controls with

## outline highlighting when focus is received.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo2.prg in folder \samples\Basic\DATA\_BOUND)

## 2022/09/15: HMG Extended Edition version 22.09.

## \* Fixed: Issue in situation when the first GetBox has a VALID codeblock

## and the second GetBox control has a WHEN codeblock.

## If losing focus of the first getbox and focus goes to the next

## control, then will be executed WHEN codeblock and only after

## that the VALID codeblock of the first getbox is executed, and

## if this VALID function is false, returns to the first getbox.

## Bug was reported by Hans Marc at the Minigui forum.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* New: Added the useful pseudo-function IsAltActive() for more accurate

## detection of the <Alt> key pressing status.

## Based upon WinAPI function GetAsyncKeyState().

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Modified: GetBox control: improved caret shape in the insert/overwrite modes.

## Based upon a contribution of Claudio Soto.

## Adapted for Minigui Extended by Grigory Filatov

## (see demo in folder \samples\Basic\GetBox)

## \* Updated: Further replacement of return values in the kernel C-code

## with using the macros from the header file mgdefs.h.

## Unneeded casting of the C-code was removed in some places.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: HMG\_HPDF library (see source in folder \source\HMG\_HPDF):

## - New: Added support of the UNICODE encoding for output PDF.

## Syntax:

## SET HPDFDOC ENCODING TO "UTF-8"

## Example:

## SELECT HPDFDOC 'HMG\_HPDF\_UNI.pdf' TO lSuccess ;

## PAPERSIZE HPDF\_PAPER\_A4

## IF lSuccess

## START HPDFDOC

## SET HPDFDOC ENCODING TO "UTF-8"

## START HPDFPAGE

## @ 20, 10 HPDFPRINT "This text in UTF-8" FONT "Arial.ttf" SIZE 12

## END HPDFPAGE

## END HPDFDOC2

## ENDIF

## It was a postponed modification.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: MySql library source code (see in folder \Source\HbMySql):

## - added the new method TableExists() in the class TMySQLServer.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Applications\OrderService)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.39.3 (from 3.39.2).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* New: 'EditBox Overwrite Demo' sample:

## - usage of the Create Event Procname command.

## Based upon a contribution of Claudio Soto.

## Adapted for Minigui Extended by Grigory Filatov

## (see in folder \samples\Basic\EditBoxOverwrite)

## \* New: 'Charts MySQL' sample is based on the 'world' sample database:

## - set the connection parameters in the connect.ini file.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\Charts\_5)

## \* Updated: 'MySql Client' sample:

## - added saving an encrypted password in the ini file;

## - added the ability to sort the data grid by clicking on

## the column headers.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Advanced\MySqlClient)

## \* Updated: '15-puzzle game' sample:

## - updated for the recent changes in the Minigui core.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Applications\GAME\_15)

## 2022/07/28: HMG Extended Edition version 22.07.

## \* Enhanced: Added the optional parameter in the core procedure InitMessages.

## Syntax:

## InitMessages( [ cLang ] )

## where

## cLang is a language id in uppercase, i.e. 'PT', 'ES', 'DE' etc.

## Requested by Ivanil Marcelino.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Enhanced: The WebCam control supports now the alternative syntax.

## Requested by Ivanil Marcelino.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Advanced\WebCam\_2)

## \* Updated: The all core C-code was revised as below:

## - added the global macros for parameters and return values in the

## header file mgdefs.h;

## - fixed memory leak at image handling in ToolBarEx Chevron button;

## - clarification of the return type of some WinAPI functions.

## These were huge changes to the core C code.

## Note: There is a slight chance of regression.

## Based on an idea borrowed from the Harbour contrib library HbWin.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: the method GotoRec() respects now the variable :bFilter.

## Contributed by Oleg Krutoff <krutoff[at]mail.ru>

## (see demo in folder \samples\Advanced\Tsb\_addrecord)

## \* Updated: HBPrinter library v.2.60:

## - updated for the recent changes in the Minigui core.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see source in folder \Source\HBPrinter)

## \* Updated: Dll library source code:

## - updated for compatibility with the last Minigui changes.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see source in folder \Source\Dll)

## \* Updated: 'HbCrypto' library (borrowed from 3.4 fork):

## - fixed ED25519 wrappers.

## Based upon a contribution of Viktor Szakats.

## Adapted for Minigui Extended by Grigory Filatov

## (see source in folder \Source\HbCrypto)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.39.2 (from 3.39.0).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Shell32 library:

## - updated for the recent changes in the Minigui core.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Basic\Shell32)

## \* New: 'Create a data dictionary for DBFCDX RDD' sample.

## Contributed by Marcos Jarrin Pita

## (see in folder \samples\Advanced\Data\_Dictionary)

## \* Updated: 'TsBrowse Add New Record with Index Order' sample.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Advanced\Tsb\_addrecord\_3)

## 2022/07/14: HMG Extended Edition version 22.06 (Update 2).

## \* Modified: The RichEditBoxEx control context menu handling was revised

## for using the core functions instead a local implementation.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Basic\RichEditBox)

## \* Updated: A some C-code in the core was revised for the minor issues.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: WinReport library (see source in folder \Source\WinReport):

## - improved compatibility between HbPrinter and MiniPrint libs.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo in folder \samples\Advanced\REPORT\_INTERPRETER)

## \* New: 'How to processing XML structure at PRG level' sample:

## - using of the Harbour HbMxml contrib library.

## Don't miss this very interesting example!

## Based upon a contribution of HMG user Edward.

## Adapted for Minigui Extended by Grigory Filatov

## (see in folder \samples\Advanced\XmlToPrg)

## \* Updated: 'How to add a skin for a Grid control' sample:

## - simplified resource leak fix at PRG level.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo2.prg in folder \samples\Basic\Grid\_5)

## \* Updated: 'Richedit' sample.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\Richedit)

## \* Updated: 'Windows Version' sample:

## - fixed Windows 11 detection.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Advanced\WinVersion)

## 2022/07/05: HMG Extended Edition version 22.06 (Update 1).

## \* Fixed: Problem with incorrect display of the BITMAP images in the ToolBarEx

## control (introduced in the build 22.06).

## Bug was reported by Ivanil Marcelino.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* New: Added the following new functions for array handling:

## - HMG\_AReverse( aArray ) --> Array of same length with

## all elements in the reverse order.

## Example:

## HMG\_AReverse( { 1, 2, 3, 4 } ) --> { 4, 3, 2, 1 }

## - HMG\_RAEval( aArray, bBlock, [nStart], [nCount] )

## Evaluates bBlock for every row like AEval() but in the

## reverse order from last element to the first element.

## If the optional parameter nStart and/or nCount are provided,

## the evaluation starts from nStart and for nCount elements.

## Example: c := ""

## HMG\_RAEval( { "A","B","C","D","E" }, ;

## { |u,i| c += Replicate( u,i ) }, ;

## 4, 3 ) --> "DDDDCCCBB"

## Based upon a code borrowed from public Fivewin forum.

## Adapted for Minigui Extended by Grigory Filatov.

## \* Updated: 'NetIO Server and Client with RPC support' sample.

## Based upon a contribution of HMG Founder Roberto Lopez

## (see in folder \samples\Basic\NETIO)

## 2022/06/30: HMG Extended Edition version 22.06.

## \* Fixed: Correction of the using the DEFAULT\_CHARSET as 3rd parameter in the

## function GetFontList().

## Syntax:

## GetFontList( [ hDC ], [ cFontFamilyName ], [ nCharSet ], [ nPitch ],;

## [ nFontType ], [ lSortCaseSensitive ], @aFontName )

## Return by reference aFontName is the unidimensional array

## { cFontName1, cFontName2, ... }

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>

## (see demo in folder \samples\Basic\RichEditBox)

## \* Enhanced: Added the parameters handling at the events in the ActiveX control.

## Example:

## oWActiveX:EventMap( AX\_SE2\_PROGRESSCHANGE, ;

## {| p1, p2 | OnProgressChange( p1, p2 ) } )

## A bug has been introduced since the first implementation of event

## support in the build 18.11 (Update 2).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Advanced\ActiveX)

## \* Enhanced: The RichEditBoxEx control now supports by default the controls

## context menu at right mouse click similar to other Edit controls.

## You can disable the above menu via using the following command:

## SET CONTEXT MENU CONTROL <RichEditBox> OF <ParentForm> OFF

## In order to translate the context menu of the RichEditBox control to

## your language you may add the following line on top of main module:

## \_SetGetGlobal( "\_HMG\_aRichEditMenu", ;

## { "&Undo", "Cu&t", "&Copy", "&Paste", "&Delete", "Select &All" } )

## with the translated array for the menu items in your language.

## It was a postponed modification.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Basic\RichEditBox)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: ToolBarButton supports the optional clause NOTRANSPARENT.

## Based upon a contribution of Claudio Soto <srvet/at/adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov

## (see demo in \samples\Advanced\RicheditEx)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.39.0 (from 3.38.5).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* New: 'ActiveX With Events Support' sample.

## Based on a contribution of Oscar Lira for FreeWin.

## Adapted for Minigui Extended by Grigory Filatov

## (see in folder \samples\Advanced\ActiveX\_Events)

## \* New: 'Word Scribe' sample. Borrowed from Official HMG distribution.

## Adapted for Minigui Extended by Grigory Filatov

## (see in folder \samples\Applications\WordScribe)

## \* Updated: 'Word Writer' sample:

## - updated for the recent changes in the Minigui core.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Applications\WordWriter)

## \* Updated: 'Richedit' sample: minor simplification.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\Richedit)

## \* Updated: MenuDBF sample with Menu Editor.

## Contributed by Marcos Jarrin Pita

## (see in folder \samples\Basic\MenuDBF)

## \* Updated: 'Internet Explorer ActiveX' sample:

## - added processing of the status bar messages with a progressbar.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Advanced\ActiveX)

## \* Updated: 'Low Level DBU' utility: minor UI modification.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \Utils\LL\_DBU)

## 2022/06/06: HMG Extended Edition version 22.05 (Update 3).

## \* Modified: The max quantity of the generated pages in the 'Simple PDF Creator'

## by Pete D. was setted to value 20 due to limitation of the BosTaurus

## images loading/saving in a continuous loop.

## Problem was reported by Rene Koot.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Basic\HBPrinter)

## \* Updated: WinReport library (see source in folder \Source\WinReport):

## - the command SET HPDFINFO DATECREATED TO date() TIME time()

## should report on the pdf the correct creation time in UTC;

## - added the new command SET SAVEBUTTONS OFF | ON.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo in folder \samples\Advanced\REPORT\_INTERPRETER)

## \* Updated: 'Richedit' sample:

## - modified the RichEdit controls context menu for the recent

## Minigui core modifications.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\Richedit)

## 2022/05/31: HMG Extended Edition version 22.05 (Update 2).

## \* Fixed: Eliminate the annoying "flickering" at using the commands

## SET AUTOADJUST ON and SET AUTOZOOMING ON.

## Based upon a contribution of HMG user Jimmy.

## Adapted for Minigui Extended by Grigory Filatov

## (see demo in folder \samples\Basic\AUTOADJUST)

## \* Fixed: The OnRClick event depend on availability of the OnClick event in

## the IMAGE and LABEL controls.

## Notice that above OnRClick event does not depend now on the command

## SET CONTEXT MENU OFF.

## Based upon a contribution of Ivanil Marcelino

## (see demo in folder \samples\Applications\MineSweeper)

## \* New: Methods EnableUpdate and DisableUpdate added for all forms.

## This can reduce annoying screen refreshes when presentation

## properties such as BackColor, FontName, and so on are changed

## during run time.

## You can apply these methods via:

## - function syntax:

## DoMethod ( FormName, "DisableUpdate" )

## DoMethod ( FormName, "EnableUpdate" )

## - pseudo-OOP syntax:

## FormName.DisableUpdate

## FormName.EnableUpdate

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Basic\WindowBackground)

## 2022/05/21: HMG Extended Edition version 22.05 (Update 1).

## \* Updated: MiniPrint library:

## - updated for the recent changes in the Minigui core.

## Problem was reported by Jayadev <jayadev65/at/yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see source in folder \Source\MiniPrint)

## \* Updated: 'HMG IDE' sample: added RADIOGROUP's gotfocus/lostfocus events.

## Requested by Spencer Redfield.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Advanced\hmgide)

## 2022/05/19: HMG Extended Edition version 22.05.

## \* Fixed: The ON CANCEL event in the ComboBox control was executed only if the

## last pressed key was the <Escape> (introduced in the build 16.08).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Applications\WordWriter)

## \* Fixed: Problem with SPINNER's focus at a window activation when this control

## was defined in the first position.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Basic\SPINNER)

## \* Enhanced: You can get HORIZONTAL property of the RadioGroup control

## at runtime:

## - function syntax:

## GetProperty ( Form, Control, 'Horizontal' ) --> .T. | .F.

## - pseudo-OOP syntax:

## FormName.Radio.Horizontal --> logical value

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo1.prg in folder \samples\Basic\RadioGroup)

## \* Enhanced: You can get HORIZONTAL and WRAP properties of the SPINNER control

## at runtime:

## - function syntax:

## GetProperty ( Form, Control, 'Horizontal' ) --> .T. | .F.

## GetProperty ( Form, Control, 'Wrap' ) --> .T. | .F.

## - pseudo-OOP syntax:

## FormName.Spinner.Horizontal --> logical value

## FormName.Spinner.Wrap --> logical value

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Basic\SPINNER)

## \* Enhanced: The RadioGroup control now supports 'On GotFocus' and 'On LostFocus'

## clauses similar to other controls.

## Since RadioGroup is actually a group of individual RadioButtons, each

## individual RadioButton has its own events.

## Added the new command SET PROCEED EACH RADIOBUTTON EVENT <ON | OFF>.

## If the above command is set to ON then the action assigned to the event

## will be performed on each RadioGroup item. It is a default setting now.

## However, by setting the value of the command to OFF, the event actions

## will be performed for the RadioGroup and not its items. Such a solution

## may have consequences, because the 'On LostFocus' event action may be

## called non-chronologically to their actual occurrences, e.g. the

## 'On GotFocus' event action of another control may be triggered first, and

## then the RadioGroup control's 'On LostFocus' action may be triggered.

## Based upon a contribution of HMG user Edward at the official HMG forum.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Basic\RadioGroup\_onfocus)

## \* Enhanced: The IMAGE and LABEL controls support the optional ON RCLICK clause.

## This clause specifies the action at the mouse right button click.

## Notice that you should declare the SET CONTEXT MENU OFF command also.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Applications\MineSweeper)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - minor corrections in the method ExcelOle().

## Contributed by Sergej Kiselev

## (see demo in folder \samples\Advanced\TSBrowse)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 recent version 3.38.5.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* New: 'How To Keep Your Computer Awake' sample:

## - using of the WinAPI function SetThreadExecutionState().

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Advanced\KeepAwake)

## \* New: 'Minesweeper game' sample.

## Contributed by HMG user Salinetas24.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Applications\MineSweeper)

## \* New: 'My Player version 1.1' sample by Humberto Fornazier.

## Rewritted for OOHG by Miguel Angel Juarez Apaza.

## Adapted for Minigui Extended by Grigory Filatov and Pierpaolo Martinello

## (see in folder \samples\Applications\MyPlayer)

## \* New: 'Source code reformatter Click!' utility by Phil Barnett.

## Migrated to Harbour / HMG by Auge & Ohr, Jimmy.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \Utils\click)

## \* Updated: 'Display Structure' sample:

## - added a test of the useful function dbFieldRename().

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\DISPLAY\_STRUCTURE)

## \* Updated: 'HMG IDE' sample: fixed detection of RADIOGROUP's got focus.

## Based upon a contribution of Roberto Lopez <mail.box.hmg@gmail.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Advanced\hmgide)

## 2022/04/21: HMG Extended Edition version 22.03 (Update 3).

## \* Fixed: Bug due to stupid typo in the internal function \_DefineImageList()

## (introduced in the build 2.4.6).

## The above typo was influence on display the Toolbar's Button with

## PICTUREINDEX clause.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Enhanced: The DISABLE / ENABLE [ CONTROL ] EVENT command may be used

## similar to the pseudo-OOP method StopEvent.

## Syntax:

## Form.Control.StopEvent := .T. | .F.

## Suggested and contributed by Ivanil Marcelino.

## \* Enhanced: You can get 'ColumnWidthLimits' property of GRID at runtime:

## Form.Grid.ColumnWidthLimits -> aMinMax

## aMinMax := GetProperty( Form, Grid, 'ColumnWidthLimits' )

## Suggested and contributed by Ivanil Marcelino.

## \* Updated: Added the forced modification of Grid columns width at setting of

## 'ColumnWidthLimits' property at runtime.

## Suggested and contributed by Ivanil Marcelino

## (see demo in folder \samples\Basic\Grid\_ColumnsWidth)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.39.0dev (from 3.38.2).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* New: 'Grid Columns With Fixed Width' sample.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\Grid\_ColumnsFixedWidth)

## \* Updated: 'Set order in Browse' sample.

## Based upon a suggestion of Pete D.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo.prg in folder \samples\Basic\BROWSE\_PICTURE)

## \* Updated: 'Alarm Clock' sample:

## - used the function GetColor() with 1st parameter instead of

## the internal C-function.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Applications\AlarmClock)

## 2022/04/14: HMG Extended Edition version 22.03 (Update 2).

## \* Updated: Implementation of UNICODE support in the MiniGUI core:

## - fixed possible problem at Character InputMask handling in TextBox.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Enhanced: Improved TextBox InputMask processing for compatibility with the

## Harbour Get picture mask:

## - added 'X' mask allows display of any input symbols.

## Note. The InputMask string for Character TextBox may contents

## 9 Displays digits

## ! Displays Alphabetic Characters (uppercase) and digits

## A Displays Alphabetic Characters

## N Displays any Characters and digits

## X Displays Any input symbols

## It was a postponed user's request.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see character.prg in folder \samples\Basic\INPUTMASK)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - Enhanced: The function GetColor() supports two optional parameters.

## Syntax:

## GetColor ( [ aDefaultColor ], [ aCustomColors ], [ lFullOpenBox ] )

## --> aColor or { NIL, NIL, NIL }

## where

## aDefaultColor is an initialization color;

## aCustomColors must be the array with 16 RGB-colors elements if it is

## defined;

## lFullOpenBox manage the box with additional colors (default is true).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Advanced\Lines)

## \* Updated: 'Set order in Browse' sample:

## - added the new function CreateToolBar().

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo.prg in folder \samples\Basic\BROWSE\_PICTURE)

## \* Updated: 'Circle Progress Animation' sample:

## - added the ProgressWheel animation.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo3.prg in folder \samples\Basic\CircleProgressAnimation)

## \* Updated: 'Get Tasks' sample is based on calling of WMI service.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Advanced\GETTASKS)

## \* Updated: 'BmpViewer' sample:

## - added the function GetToolBarHeight().

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Advanced\BmpViewer)

## \* Updated: 'JPG Viewer' sample:

## - added the function GetToolBarHeight().

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Advanced\JpgViewer)

## 2022/04/07: HMG Extended Edition version 22.03 (Update 1).

## \* New: The command DRAW SYSICON allows to show the icon from the system DLL.

## The default icon library is imageres.dll in the Windows system folder.

## There are the some predefined SYSICO\_\* constants in the header file

## include\i\_graph.ch for the above icon library.

## Syntax:

## DRAW SYSICON IN WINDOW <windowname> AT <row>,<col> ;

## [ FROM <library> ] ;

## ID | ICON <icon> ;

## [ WIDTH <w> ] [ HEIGHT <h> ] [ COLOR <nRGB> ] ;

## [ TRANSPARENT ]

## The others Windows resource files are:

## - %systemroot%\system32\shell32.dll

## - %systemroot%\system32\pifmgr.dll

## - %systemroot%\explorer.exe

## - %systemroot%\system32\accessibilitycpl.dll

## - %systemroot%\system32\ddores.dll

## - %systemroot%\system32\gameux.dll

## - %systemroot%\system32\moricons.dll

## - %systemroot%\system32\mmcndmgr.dll

## - %systemroot%\system32\mmres.dll

## - %systemroot%\system32\netcenter.dll

## - %systemroot%\system32\netshell.dll

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo3.prg in folder \samples\Basic\ExtractIcon)

## \* Modified: The Alert\* family functions support the native OS icons by default.

## They are not depend on the internal program resources now.

## It was a postponed modification.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Basic\AlertBoxes)

## \* Updated: HMGS-IDE v.1.4.4.7 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (look for what's new at changelog.txt in folder \Ide)

## \* Updated: 'Button Gradient Test' sample:

## - added the new function CreateButtonBar().

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\Button\_Gradient)

## \* Updated: 'Open Table InSpector' sample:

## - updated the source code for the Otis library version 1.30 b01;

## - updated documentation (look at \Doc folder).

## Contributed by Hans Marc.

## - a small code cleaning for warnings with Harbour switch -w2.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Advanced\OTIS)

## 2022/03/31: HMG Extended Edition version 22.03.

## \* Enhanced: The Monthcal control may manage a 'FirstDayOfWeek' property.

## You can set/get this property at runtime:

## - function syntax:

## SetProperty ( Form, Monthcal, 'FirstDayOfWeek', cDay )

## GetProperty ( Form, Monthcal, 'FirstDayOfWeek' ) --> cDay

## - pseudo-OOP syntax:

## Form.Monthcal.FirstDayOfWeek := cDay

## Form.Monthcal.FirstDayOfWeek --> cDay

## where cDay representing which day is to be set as the first day of

## the week (handly to use the function NToCDoW(<num of day>) -> cDay).

## It was a postponed modification.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demo.prg in folder \Samples\Basic\Monthcal)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - Enhanced: The GRID control supports the optional ON INPLACEEDITEVENT

## event. The following properties are available for OnInplaceEditEvent

## procedure:

## - This.IsInplaceEditEventInit: return .T. or .F.

## - This.IsInplaceEditEventRun: return .T. or .F.

## - This.IsInplaceEditEventFinish: return .T. or .F.

## - This.InplaceEditGridName: for example, 'Grid\_1'

## - This.InplaceEditParentName: for example, 'Form\_1'

## - This.InplaceEditControlHandle: Handle of InplaceEdit ColumnControl,

## eg. handle of TEXTBOX, DATEPICKER, COMBOBOX, SPINNER, CHECKBOX.

## - This.InplaceEditControlIndex: return internal controls index.

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@gmail.com>

## (see demo in folder \samples\Basic\GridInplaceEditEvent)

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - modified extended selection mode when was defined the constant

## \_\_EXT\_SELECTION\_\_ (it is commented by default).

## Requested by Fischer Zsolt.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2021-04-28 20:02):

## - hbrdd and hbrtl were compiled with default switch -gc3 instead -gc0

## for acceleration of the Harbour core.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.38.2 (from 3.38.1).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## \* New: 'Nested TABs workaround' sample.

## Requested by Marcelo A. L. Carli.

## Based upon a contribution of Igor Nazarov

## (see in folder \samples\Advanced\Tsb\_TabInsideTab)

## \* New: 'Sending mail with using CURL, CDO, TSMTP' sample.

## Adapted from 'Multiple Mail' application by Grigory Filatov.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Applications\SendMail2)

## \* Updated: 'Simple Error Handling' sample:

## - updated for the recent changes in the Minigui core.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\Hmg\_Error\_2)

## \* Updated: 'HbZipArc usage' sample: minor modifications.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see demos in folder \samples\Basic\Zip)

## \* Updated: 'MiniZip usage' sample:

## - using of the Harbour function hb\_GetFileCount() instead of

## a local implementation.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\Zip\_3)

## \* Updated: 'Usage of the built-in ZIP support of Windows' sample:

## - modified for zipping the whole content of the folder.

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Basic\Zip\_4)

## \* Updated: 'Mail With Blat' sample:

## - update for using blat.dll version 3.2.22 (from 2.7.6).

## Contributed by Grigory Filatov <gfilatov@gmail.com>

## (see in folder \samples\Advanced\BlatMail)

## 2022/03/17: HMG Extended Edition version 22.01 (Update 7).

## \* Fixed: The problem with assigning FONTCOLOR property at runtime into GRID

## (introduced in the build 21.11).

## Bug was reported by Ivanil Marcelino.

## Contributed by Grigory Filatov <gfilatov[at]gmail.com>

## \* Updated: PScript library source code:

## - update for using PageScript DLL ver. 4.0.1.144 (from 3.0.4.124).

## (see in folder \Source\PageScript)

## Warning: This PSCRIPT.DLL haven't got the build-in Preview anymore,

## instead it was used the external application viewer.exe.

## Contribution of Richard Visscher <richard/at/irvis.com>.

## Revised by Grigory Filatov <gfilatov[at]gmail.com>

## (see demo in folder \samples\Advanced\PageScript)

## 2022/03/15: HMG Extended Edition version 22.01 (Update 6).

## \* Enhanced: Added two optional parameters in the function WaitWindow().

## Syntax:

## WaitWindow( [cMessage], [lNoWait], [nWidth], [nSize], [cFont], ;

## [aFontColor], [aBackColor] ) --> cFormName

## where

## 1st parameter cMessage may have an array type or string divided by

## semicolon for multiline output.

## Contributed by Sergej Kiselev.

## Revised by Grigory Filatov <gfilatov[at]gmail.com>

## (see demo.prg in folder \samples\Basic\WAIT\_WINDOW)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.38.1 (from 3.38.0).

## Contributed by Grigory Filatov <gfilatov[at]gmail.com>

## \* Updated: The following samples were fixed for a bug that occurs at attempt

## to create a Zip file without having write permissions:

## - \samples\Basic\Zip;

## - \samples\Basic\Zip\_3;

## - \samples\Basic\Zip\_4.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## 2022/03/07: HMG Extended Edition version 22.01 (Update 5).

## \* Enhanced: The SplitChild window may manage a 'GripperText' property.

## You can set/get this property at runtime:

## - function syntax:

## SetProperty ( SplitChildForm, 'GripperText', cText )

## GetProperty ( SplitChildForm, 'GripperText' ) --> cText

## - pseudo-OOP syntax:

## SplitChildForm.GripperText := cText

## SplitChildForm.GripperText --> cText

## Requested by Gilbert Vaillancourt.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\ButtonEx)

## \* Enhanced: Added three optional parameters in the function WaitWindow().

## Syntax:

## WaitWindow( [cMessage], [lNoWait], [nWidth], [nSize], [cFont] )

## --> cFormName

## Contributed by Sergej Kiselev.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\WAIT\_WINDOW)

## \* Updated: 'EditBox control' sample:

## - added "Whole words", "Replace with", "Replace all" and

## "Case sensitive" options in the find dialog.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Basic\EDITBOX)

## \* Updated: 'ButtonEx Builder' sample.

## It is ready for the multi-monitors systems.

## Contributed by Gilbert Vaillancourt.

## (see in folder \samples\Applications\ButtonBuilder)

## \* Updated: 'DBF Index Manager' sample.

## It is ready for the multi-monitors systems.

## Contributed by Gilbert Vaillancourt.

## (see in folder \samples\Applications\DBFIndex)

## \* Updated: 'DBF Browser' sample: modify structure and view/edit/seek utility.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\hmg\_dbview)

## \* Updated: MPM utility:

## - fixed a problem with restore of main window after minimizing.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\MPM)

## 2022/02/28: HMG Extended Edition version 22.01 (Update 4).

## \* Modified: The 'Simple PDF Creator' by Pete D. was moved to MiniGUI core.

## Syntax:

## \_CreatePdf( aPages, cPdfFile, [lOpen], [cTitle] ) --> lSuccess

## where

## aPages is input array with EMF file names;

## cPdfFile is name of output PDF file;

## lOpen is flag indicating whether to open the PDF after it is created;

## cTitle is optional name into the PDF description.

## The HBPrinter and MiniPrint2 libraries have been modified accordingly.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\HBPrinter)

## \* Updated: 'EditBox control' sample:

## - added search text and highlight in the EditBox control.

## Requested by Sylvain Larche.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Basic\EDITBOX)

## \* Updated: 'MiniPrint send mail' sample:

## - added the template of config file mail.cfg for mailing test.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\MiniPrint2\_2)

## \* Updated: 'Simple DBU' sample: revised adding record at no sorted database.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\MiDBU)

## 2022/02/24: HMG Extended Edition version 22.01 (Update 3).

## \* Updated: Modified the files batch\Compile.bat and harbour\bin\minigui.hbc:

## - added HPDF-related libraries to the linking.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HBPrinter library v.2.54:

## - added possibility to save of preview as PDF (instead of EMF).

## Warning: this feature added HPDF-related libraries dependence.

## Based upon the 'Simple PDF Creator' of Pete D.

## Adapted by Grigory Filatov <gfilatov@inbox.ru>

## (see source in folder \Source\HBPrinter)

## \* Updated: MiniPrint2 library:

## - added 'Save as PDF' in the Preview (instead of EMF format);

## - added 'Send by email as PDF' button in the Preview toolbar.

## The email parameters should be stored in the ini file mail.cfg

## (which placed in the program folder) with the following structure:

## [Mail]

## Server = smtp.domain

## PassWord = mypass

## UserName = My Name

## From = myname@domain

## Recipient1 = touser@domain

## Recipient2 = touser2@domain

## TextBody = This is a test message.

## or

## TextBody=<html><body>This is a <b>test</b> message.</body></html>

## The document name from the command START PRINTDOC NAME "My Report"

## will be used for the email subject.

## Based upon the 'Simple PDF Creator' of Pete D.

## Adapted by Grigory Filatov <gfilatov@inbox.ru>

## (see source in folder \Source\MiniPrint2)

## (see demo in folder \samples\Advanced\MiniPrint2\_2)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.38.0 (from 3.38.0dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: 'Using ini file for \_TBrowse() tunning' sample.

## Contributed by Sergej Kiselev

## (see in folder \samples\Advanced\Tsb\_Ini2Tbrowse)

## \* Updated: 'DBF Browser' sample: modify structure and view/edit/seek utility.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\hmg\_dbview)

## 2022/02/15: HMG Extended Edition version 22.01 (Update 2).

## \* Fixed: There was no processing of form events ON SIZE and ON MAXIMIZE

## when was defined the SET WINDOW MAIN OFF command in the main module

## (introduced in the build 2.4.2).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: Added the new commands to send mail with the attachments.

## Syntax:

## DEFINE MAIL [ OBJ ] <oMail> ;

## [ SERVER <cServer> ] ;

## [ PORT <nPort> ] ;

## [ USERAUTH <cUser> ] ;

## [ PASSAUTH <cPass> ] ;

## [ SUBJECT <cSubject> ] ;

## [ TEXT <cText> ] ;

## [ PRIORITY <nPriority> ] ;

## [ RECEIPT ] ;

## [ FILES <cFileName1> ;

## [,<cFileNameN> ] ] ;

## [ FROM <cOrigin> [,<cOriginAddress>] ] ;

## [ TO <cTarget1> [,<cTargetAddress1>] ;

## [,<cTargetN> [,<cTargetAddressN>] ] ]

## ACTIVATE MAIL <oMail>

## It is based on the WINOLE CDO mailer with embedded SSL support and

## does not require any external DLLs.

## Warning:

## your remote mail server must support single-factor authentication.

## Example:

## DEFINE MAIL oMail;

## SERVER sm\_servsmtp;

## USERAUTH sm\_userauth;

## PASSAUTH sm\_passauth;

## SUBJECT sm\_subject;

## TEXT sm\_TextBody;

## FILES sm\_att;

## FROM "User Name", sm\_from;

## TO "Recipient Name", sm\_to

## ACTIVATE MAIL oMail

## IF oMail:lSuccess ; MsgInfo('Mail sent') ; ENDIF

## It was a postponed user's request.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see i\_mail.ch in folder \include)

## \* Enhanced: The ON CHECKBOXCLICKED event in the GRID with CHECKBOXES clause

## supports the second parameter nRow in the codeblock.

## Example:

## ON CHECKBOXCLICKED {|nSpace, nRow| MyAction( nSpace, nRow ) }

## Requested by John Ayres.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo3.prg in folder \samples\Basic\CheckBox\_Grid)

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.38.0dev (from 3.37.2).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: 'Get IP Address' sample.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Basic\GetIpAddress)

## \* New: 'UU Encode - UU Decode' utility.

## Contributed by Brunello Pulix at HMGFORUM.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\UUEncode)

## 2022/01/31: HMG Extended Edition version 22.01 (Update 1).

## \* Enhanced: HYPERLINK control: added support of the codeblock value in the

## ADDRESS property (together with the character value).

## Example:

## @ 90, 10 HYPERLINK hlink\_1 ;

## VALUE 'Execute My Procedure' ;

## AUTOSIZE ;

## ADDRESS {|| MyProc('This is a message from My Procedure !')} ;

## HANDCURSOR

## Suggested and contributed by Ivanil Marcelino.

## \* Updated: GraphPlus library:

## - fixed: there is a problem in the Pie graph if the data is

## so small that its portion comes to 0 degrees when rounded.

## Contributed by S.Rathinagiri <srathinagiri/at/gmail.com>

## (see source in folder \Source\GraphPlus)

## \* Updated: 'TSBrowse Viewer Demo' sample:

## - TsbViewer code has been moved to a separate library for

## convenience. Suggested by Verchenko Andrey

## (see in folder \samples\Advanced\Tsb\_Viewer)

## 2022/01/25: HMG Extended Edition version 22.01.

## \* Fixed: DATEPICKER control: 'Value' property returns TimeStamp type if the

## FORMATSTRING property was defined (introduced in the build 21.09).

## Bug was reported by Pierpaolo Martinello.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\datetime)

## \* New: Added the function nStrToNum( cNumericVal, [lEuropean] ) --> nVal,

## where optional parameter lEuropean defaults to .F.

## Converts any number formatted as string using either European

## notation or American notation, while maintaining the full accuracy

## of the decimal part. In almost all cases, the function solves

## whether the format is European or not by checking the number and

## position of "," and ".". In cases of ambiguity (eg nn,nnn and nn.nnn)

## format is interpreted according to the value of lEuropean parameter.

## Examples:

## c := "32,456.2359"

## c1 := "32.456,2359"

## ? nStrToNum( c ), nStrToNum( c1 ) --> 32456.2359 32456.2359

## ? nStrToNum( "12,25%" ) --> 0.1225

## \* New: Added the function uCharToVal( cText, [cType] ) --> uVal.

## It is an inverse function to the function cValToChar().

## If cType is not provided or cType is NIL, the function determines

## the appropriate data type and converts the value.

## If the second parameter is by reference, the type determined by

## the function is stored in the second parameter.

## This function can convert date text containing month names also

## into the valid dates.

## Examples:

## uVal := uCharToVal( DtoS( Date() ), "D" )

## ? uVal, valtype( uVal ) --> 01/25/22 D

## uVal := uCharToVal( "25/Jan/2022", "D" )

## ? uVal, valtype( uVal ) --> 01/25/22 D

## ? uVal := uCharToVal( "FALSE", "L" ), valtype( uVal ) --> .F. L

## \* Modified: The improved function cValToChar() preserves the full accuracy

## of the number value with the internal function cNumToChar().

## It does not depend on the SET DECIMALS TO <n> setting now.

## Example:

## n := 35/16 // the value is 2.1875

## ? n, Str( n ), hb\_ntos( n ) // show 2.19

## ? cValToChar( n ) // show 2.1875

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: The DO MESSAGE LOOP command supports the optional EXIT

## [ON EXCEPTION] clause (default is false).

## Requested by Ivanil Marcelino <ivanil/at/linkbr.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: The useful function GetPixelColor() was moved to MiniGUI core.

## Syntax:

## aColor := { 0, 0, 0 }

## GetPixelColor( hDC, nRow, nCol, /\*@\*/ aColor ) --> lResult

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\GetColorRowCol)

## \* Updated: HMG\_HPDF library (see source in folder \source\HMG\_HPDF):

## - correction of a row position taking into account the defined

## font size in the function HPDF\_ScaleText().

## Bug was reported by Eladio Bravo <eladibravo/at/gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Advanced\PDF\_PRINT\_3)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - correction of auto picturing for the types '=', '@' and 'T' in

## the method LoadFields();

## - slight improvement of the function SBrowse().

## Contributed by Sergej Kiselev

## (see demo in folder \samples\Advanced\Tsb\_SBrowse)

## \* Updated: RDDLeto client library by Rolf 'elch' Beckmann.

## Requested by Sergej Kiselev.

## Based upon a contribution of Aleksander Czajczynski

## (see demo in folder \samples\Advanced\LetoDBf)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.37.2 (from 3.37.0).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: 'Two tables with customization' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see demo3.prg in folder \samples\Advanced\Tsb\_2tsb)

## \* New: 'TSBrowse Viewer' sample is based upon the function \_TBrowse().

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Advanced\Tsb\_Viewer)

## \* New: 'Database create' utility lets you create DBF with any size of

## records for your testings (inspired on dbcre8 from SuccessWare).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\dbcre8)

## \* Updated: 'HMG IDE' sample: fixed HYPERLINK control's detection.

## Based upon a contribution of Roberto Lopez <mail.box.hmg@gmail.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\hmgide)

## \* Updated: 'PDF Form Filler' sample:

## - adapted function GetInstallAcrobat() to recent Acrobat Reader DC.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Advanced\PDF-FILLER)

## \* Updated: 'Fill Triangle' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\FillTriangle)

## \* Updated: 'Zoom' sample: screen zoomer and color picker:

## - using of the function GetPixelColor().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ZOOM)

## \* Updated: '2 TBrowse Demo' sample.

## Contributed by Sergej Kiselev

## (see demo2.prg in folder \samples\Advanced\Tsb\_2tsb)

## \* Updated: 'Open table via SBrowse' sample.

## Based upon a contribution of Sergej Kiselev

## (see demos in folder \samples\Advanced\Tsb\_sbrowse and

## in folder \samples\Advanced\Tsb\_SBrowse\_2)

## 2021/12/15: HMG Extended Edition version 21.11 (Update 2).

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added new method InsColNumber( nWidth, nColumn, cName );

## - improved function \_TBrowse().

## Suggested and contributed by Sergej Kiselev

## (see demo in folder \samples\Advanced\Tsb\_2tsb)

## - improved function SBrowse().

## Syntax:

## SBrowse( [<uAlias>], [<cTitle>], [<bSetUp>], [<aCols>], ;

## [<nWidth>], [<nHeight>], [<lSql>], [<lModal>], [<lNumber>] )

## Contributed by Sergej Kiselev

## (see demo in folder \samples\Advanced\Tsb\_SBrowse\_2)

## \* New: 'Anchor Utility' sample.

## It is ready for the multi-monitors systems.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Basic\Anchor)

## \* Updated: '2 TBrowse Demo' sample.

## Contributed by Sergej Kiselev

## (see in folder \samples\Advanced\Tsb\_2tsb)

## \* Updated: 'Working with windows and one card' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Advanced\Tsb\_5Win)

## 2021/12/09: HMG Extended Edition version 21.11 (Update 1).

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG:

## - added two pseudo-functions GetDesktopRealTop() and

## GetDesktopRealLeft().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Advanced\FitToDesktop)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added the auxiliary useful function \_TBrowse().

## Syntax:

## \_TBrowse( [<oParam>], [<uAlias>], [<cBrwName>], [<nRow>] [<nCol>], ;

## [<nWidth>], [<nHeight>] ) --> oBrwObj

## Requested by Verchenko Andrey.

## Suggested and contributed by Sergej Kiselev

## (see demo in folder \samples\Advanced\Tsb\_2tsb)

## \* New: 'Large text file viewer' sample:

## - implementation of Harbour class vfFileRead.

## Based upon a contribution of HMG user Edward

## (see in folder \samples\Basic\Grid\_Virtual\_3)

## \* Updated: 'TSBrowse Demo' sample:

## - added the sample with usage of function \_TBrowse().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\TSBrowse)

## 2021/11/30: HMG Extended Edition version 21.11.

## \* Modified: The useful functions GetDesktopRealWidth() and

## GetDesktopRealHeight() were defined as Public for compatibility

## with Official HMG.

## Requested by HMG user Jimmy.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Advanced\FitToDesktop)

## \* Modified: The useful function HMG\_GetLocaleInfo() was moved to MiniGUI core.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\GetUserLocaleInfo)

## \* Enhanced: Added the read/write property 'Editable' for the GRID control.

## You can set/get this property at runtime as usually:

## Win.Grid.Editable := lValue

## GetProperty( Form, Grid, 'Editable' ) --> .T. | .F.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Grid\_CellNavigation)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: Added the read/write property 'CellNavigation' for a Grid

## control.

## You can set/get this property at runtime:

## - function syntax:

## SetProperty( FormName, GridName, 'CellNavigation', lValue )

## GetProperty( FormName, GridName, 'CellNavigation' ) --> .T. | .F.

## - pseudo-OOP syntax:

## FormName.GridName.CellNavigation := lValue

## FormName.GridName.CellNavigation --> logical value

## Based upon a contribution of Claudio Soto <srvet/at/adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Grid\_CellNavigation)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added mouse click and double click processing in the Special

## Header;

## - added the new variables :nBmpMaskCell, :nBmpMaskHead,

## :nBmpMaskFoot and :nBmpMaskSpcHd in the TSColumn class.

## Usage:

## FUNCTION SetBrwEnum( oBrw, nOneCol )

## LOCAL oCol, nI, nCnt := 0

## DEFAULT nOneCol := 1

## FOR EACH oCol IN oBrw:aColumns

## nI := hb\_enumindex( oCol )

## oCol:cSpcHeading := NIL

## oCol:cSpcHeading := iif( nI == nOneCol, "#" , "+" )

## IF nI > nOneCol

## IF oCol:lVisible

## oCol:cSpcHeading := hb\_ntos( ++nCnt )

## oCol:nBmpMaskHead := 0x00CC0020 // SRCCOPY

## oCol:nBmpMaskSpcHd := 0x00CC0020 // SRCCOPY

## ENDIF

## ENDIF

## NEXT

## RETURN NIL

## Requested by Verchenko Andrey.

## Contributed by Sergej Kiselev

## (see demo in folder \samples\Advanced\Tsb\_5Win)

## \* Updated: MiniPrint library: minor modifications.

## Contributed by Pete D. <pete\_westg/at/yahoo.gr>

## (see source in folder \Source\MiniPrint)

## \* Updated: MiniPrint2 library:

## - added Greek language translation;

## - minor modifications.

## Contributed by Pete D. <pete\_westg/at/yahoo.gr>

## (see source in folder \Source\MiniPrint2)

## \* Updated: HBPrinter library:

## - pacified the warning in the C-code for compatibility with MS

## Visual C++ 2022 compiler.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see source in folder \Source\HBPrinter)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.37.0 (from 3.37.0dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2021-04-28 20:02):

## - restored support for alternative memory manager written by

## Doug Lea (enabled by default in Harbour).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Working with windows and one card' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Advanced\Tsb\_5Win)

## \* Updated: 'HMG Grid Demo' sample:

## - updated for the recent changes in the Minigui core.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\Grid\_Test)

## \* Updated: 'Center Image From Resource' sample.

## Based upon a contribution of Pierpaolo Martinello

## (see demo.prg in folder \samples\Basic\IMAGE)

## \* Updated: 'Directory Tree' sample by Vladimir Chumachenko:

## - fixed handling of the file's name from the Zip archive.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\DirTree)

## \* Updated: 'Framework for SDI application' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\FrameWork)

## \* Updated: 'Folders syncronize - Backup Incremental' utility:

## - updated syncronizing to and from the Leto server.

## Contributed by Brunello Pulix at HMGFORUM.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\HMG\_MYSYNC)

## 2021/11/03: HMG Extended Edition version 21.10 (Update 3).

## \* Fixed: Program crash at activation of the ActiveX control

## (introduced in the build 21.10).

## Bug was reported by Renaldo Suzukayama.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\ActiveX)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 latest version 3.37.0dev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2021-04-28 20:02):

## - used support for native Windows memory allocation functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: 'Test Directory List with System Icons' sample:

## - fixed error in the C-function GetIcoIndex().

## Contributed by HMG user Jimmy

## (see in folder \samples\Advanced\FILEICON)

## 2021/10/29: HMG Extended Edition version 21.10 (Update 2).

## \* Fixed: Bug due to stupid typo in the internal function \_GenActivateId()

## (introduced in the build 21.10).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: WebCam commands processing for compatibility with Windows 11.

## Warning: You should switch ON your camera in the 'Settings':

## go to 'Privacy & Security' and navigate to Cameras.

## If you want to allow apps to have access to your camera, make

## sure that the 'Let apps access your camera' option is enabled.

## Now you can select specifically which apps can access your camera.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\WebCam\_2)

## \* New: 'Draw Edge usage' sample.

## Based upon a contribution of Pablo Cesar Arrascaeta at HMGFORUM.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\DrawEdge)

## 2021/10/27: HMG Extended Edition version 21.10 (Update 1).

## \* Enhanced: The function WindowsVersion() detects the new Windows 11 now.

## Added also two auxiliary pseudo-functions hb\_osIsWin11() and

## IsWin10OrLater().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\WinVersion)

## \* Changed: The SHOWGRID property of the Graph control was renamed to

## SHOWXYGRID at the alternative syntax.

## Problem was reported by HMG user Jimmy.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\Graph\_3)

## \* Updated: GraphPlus library by S.Rathinagiri <srathinagiri/at/gmail.com>:

## - adjusting a right graph position for the rotated graph types;

## - modified position of the XY labels in a Scatter graph.

## (see source in folder \Source\GraphPlus)

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\GraphPlus)

## \* New: 'Draw a Stacked Bar Graph with using GraphPlus library' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo5.prg in folder \samples\Basic\GraphPrint)

## \* New: 'How to trap one hotkey in all forms' sample.

## Based upon a contribution of HMG user Edward

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\KEY\_TRAP)

## \* Updated: 'Get Windows Version string' sample: added Windows 11 detection.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\WinVersion\_2)

## 2021/10/21: HMG Extended Edition version 21.10.

## \* Fixed: DATEPICKER control: 'Value' property returns always TimeStamp type

## (bug was introduced in the build 21.09).

## Reported by Marcelo A. L. Carli and Ronaldo Batista Lima.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\ArrayRDD)

## \* Fixed: The clause NOSHOW was ignored on a startup of the Panel windows.

## That's exist in the official HMG version too.

## Reported and contributed by Hans Marc.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Basic\CONTAINERS\Panel)

## \* Fixed: Detected resource leakage in the function ShellAbout() with usage

## of the MiniGUI Resources control system.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Modified: Added the important optimization the use of the internal PUBLIC

## variables at creating of the forms and controls in the MiniGUI core

## with using of the new function \_SetGetNamesList() which create a

## GLOBAL hash for a storing of the Pseudo-Global variables.

## It fixes the following problem: loss of PUBLIC variables when the

## computer was activated after an idle for a big sizes application.

## Note: There ia s slight chance of regression.

## You may comment of the constant #define \_NAMES\_LIST\_ in the header

## file include\minigui.ch if you want to keep the old behaviour with

## using of the internal PUBLIC variables (similar to Official HMG).

## Suggested and contributed by Sergej Kiselev.

## Applied to MiniGUI core by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Enhanced: Added the OOP class TIniData for managing of the values in the

## ini files with converting an ini file string to the desired types.

## This is a good example of the OOP using in the MiniGUI.

## Suggested and contributed by Sergej Kiselev

## (see demo5.prg in folder \samples\Basic\ini)

## \* Updated: The following libraries were revised for compatibility with the

## recent Minigui modification of the internal PUBLIC variables

## handling:

## - \source\MiniPrint;

## - \source\MiniPrint2;

## - \source\QHTM;

## - \source\PropGrid;

## - \source\PropSheet;

## - \source\TSBrowse.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: Added the macro definition for call DLL function to the header

## file mgdefs.h for compatibility with Official HMG.

## Requested by HMG user Jimmy.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\FILEICON)

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG.

## Requested by HMG user Jimmy.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\WMI\_Service\_2)

## \* Updated: MiniPrint library:

## - restored a previous InteractiveClose state on exit from Preview.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see source in folder \Source\MiniPrint)

## \* Updated: MiniPrint2 library:

## - using of the Pseudo-Global variable instead of the Static var.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see source in folder \Source\MiniPrint2)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 latest version 3.37.0dev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* New: 'Working with ini files through a container oHmgData()' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see demo4.prg in folder \samples\Basic\ini)

## \* New: 'Working with an ini file through a container oHmgData() and class

## TIniData with Unicode support' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see demo5.prg in folder \samples\Basic\ini)

## \* New: 'One-to-Many Relationship' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\One-to-Many)

## \* Updated: MAINDEMO (SYNTAX I) sample:

## - modified function PrintPie() for using of NOWAIT clause in

## the ACTIVATE WINDOW command.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Updated: 'User Components' samples:

## - updated for the recent changes in the Minigui core.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\USER\_COMPONENTS)

## 2021/09/17: HMG Extended Edition version 21.09.

## \* Fixed: The GetBox control executes the WHEN procedure at the calling

## of any other event. It was a postponed modification.

## Problem was reported by Eduardo Piazza.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\GetBox)

## \* Enhanced: Added the auxiliary command for assigning a value to the Pseudo-

## Global variable.

## Syntax:

## ASSIGN GLOBAL <cVarName> := <cExp>

## where

## <cVarName> is the name of the Pseudo-Global variable to assign.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SetDialogBoxIcon)

## \* Enhanced: The DATEPICKER may manage a 'Value' property as DateTime value.

## You can set/get this property at runtime:

## - function syntax:

## SetProperty ( Form, DatePick, 'Value', tDateTime )

## GetProperty ( Form, DatePick, 'Value' ) --> tDateTime

## - pseudo-OOP syntax:

## Form.DatePick.Value := tDateTime

## Form.DatePick.Value --> tDateTime

## where tDateTime may be array { y, m, d, h, m, s [, ms] } as input.

## - New: Added the useful property CHECKED for SHOWNONE clause in the

## DATEPICKER control.

## You can get this property at runtime via:

## - function syntax:

## GetProperty ( Form, Image, 'Checked' ) --> lChecked

## - pseudo-OOP syntax:

## Form.Image.Checked --> lChecked

## Based upon a C-code contributed by Petr Chornyj

## (see demo2.prg in folder \samples\Basic\DateTime\_2)

## \* Modified: The names of the internal GLOBAL variables were prefixed with

## "\_HMG\_" for avoiding of override their with user variables names.

## Problem was reported by Sergej Kiselev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Modified: The Window CONTEXTMENU event uses the function GetCursorPos()

## for a right detect of mouse position at the multi-monitors system.

## You should declare the SET CONTEXT MENU ON command also.

## Based upon a contribution of HMG user Jimmy.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo at folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Updated: Header file i\_pseudofunc.ch for compatibility with xHarbour:

## - updated definition of the pseudo-function HMG\_SysWait();

## - excluded the pseudo-function HMG\_TimeMS() due to incompatibility.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see i\_pseudofunc.ch in folder \include)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added the new useful method GetCellSize().

## This method returns the cell coordinates taking into account

## a position of the parent window.

## Suggested and contributed by Sergej Kiselev and Igor Nazarov

## (see demo in folder \samples\Advanced\Tsb\_addrecord\_3)

## \* New: 'Example of work Date + Time' sample:

## - added validation with This. environment in the GetBox control.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see demo.prg in folder \samples\Basic\DateTime\_2)

## \* New: 'Set a default icon to a standard dialog box' sample.

## Based upon a contribution of Claudio Soto <srvet/at/adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\SetDialogBoxIcon)

## \* New: 'TsBrowse with SQLite3 Database Driver' sample.

## Based upon a sample in the folder \samples\Advanced\Sqlit3DD.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\Tsb\_sqlt3dd)

## \* Updated: 'My DBF Browse' sample: added using of a Pseudo-Global variable.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\BROWSE\_8)

## \* Updated: 'XStandard Lite Zip Component' sample:

## - the Static variable has been converted to a Pseudo-Global variable.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Zip\_2)

## \* Updated: 'Usage of the built-in ZIP support of Windows' sample:

## - using of the Pseudo-Global variables instead of Static variables.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Zip\_4)

## \* Updated: 'Password Generator with copying to a clipboard' sample:

## - using of the Pseudo-Global variables instead of Static variables.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\GenPassword)

## \* Updated: 'MiniGUI DataBase Utility' sample:

## - minor modifications to the procedure CreateBrowse().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\mgDBU)

## 2021/08/31: HMG Extended Edition version 21.07 (Update 4).

## \* Modified: The function \_SetGetGlobal() uses a hash instead of array

## for storing of the Pseudo-Global variables.

## Sample code:

## aKeys := \_SetGetGlobal():Keys() // list of all variables and keys

## aValues := \_SetGetGlobal():Values() // list of all values

## aAll := \_SetGetGlobal():GetAll() // an array of all variables and

## values, i.e. { { key, value }, ... }

## Suggested and contributed by Sergej Kiselev.

## \* Enhanced: Added the auxiliary pseudo-function \_DelGlobal() for cleaning of

## a global hash with the Pseudo-Global variables.

## Syntax:

## \_DelGlobal( <cVarName> )

## where

## <cVarName> is the name of the Pseudo-Global variable to remove.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: BROWSE control supports the optional clause INPUTMASK.

## This must be defined as a character array (one element per column).

## The same rules as TEXTBOX control are applied.

## Sample:

## INPUTMASK { '$99.9', '!!!!!!!!!!' , '!!!!!!!!!!' )

## Contributed by Roberto Lopez in the official HMG 2.0.3.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HBPrinter library:

## - using of the Pseudo-Global variable in the method DxColors().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see source in folder \Source\HBPrinter)

## \* Updated: MiniPrint2 library:

## - using of the Pseudo-Global variables instead of the Static vars.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see source in folder \Source\MiniPrint2)

## \* New: 'Registry Database v0.02' sample.

## Based upon a contribution of HMG user Jimmy.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\RegDb)

## \* Updated: 'TsBrowse last row sticking workaround' sample.

## Contributed by Igor Nazarov.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\Tsb\_lastrow)

## 2021/08/26: HMG Extended Edition version 21.07 (Update 3).

## \* New: Added the useful procedure DbfCopyRec() to fast copy a record from

## one database to another.

## Syntax:

## DbfCopyRec( <cnTargetArea>, [<lAppend>] ) --> NIL

## where

## <cnTargetArea> is the target area name or number;

## <lAppend> is a logic value that if true add a new record

## in <cnTargetArea> (default is false).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\OrdWildSeek\_2)

## \* New: Added the useful function DbfModStru() to fast modify a structure

## of a database file (required low-level exclusive access).

## Syntax:

## DbfModStru( <cDbfName>, <aModStru> ) --> nError

## where

## <cDbfName> is the name of a DBF file;

## <aModStru> is the array with a new modified structure.

## This function returns non zero if an errors occurs, otherwise,

## it returns zero.

## Sample code:

## LOCAL aStru := { {"FIELD1","C",10,0 },; // character

## {"FIELD2","N",10,0 },; // numeric

## {"FIELD3","N",10,0 } } // numeric

## dbCreate( "TEST.DBF", aStru )

## ...

## aStru[ 2 ][ DBS\_NAME ] := "FIELD2BIS" // new field name

## aStru[ 2 ][ DBS\_TYPE ] := "C" // new field type

## DbfModStru( "TEST.DBF", aStru )

## ...

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: Added the useful pseudo-function hb\_Ccompiler() for more accurate

## detection of the Borland/Embarcadero C++ compiler version.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo at folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* New: Added the function CheckStatic() for optimization purposes.

## It will activate the statics variables recording and generate

## the checkstatic.txt log file on the application quit.

## Note: This feature will work after setting of debugging mode

## via the Harbour command Set( \_SET\_DEBUG, .T. ) or AltD( 1 ).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: The major optimization the use of the STATIC variables in the

## MiniGUI core with using of the new function \_SetGetGlobal().

## Syntax:

## <xOldValue> := \_SetGetGlobal( <cVarName>, [<xNewValue>] )

## where

## <cVarName> is the name of the Pseudo-Global Variable;

## <xNewValue> is the new value.

## This function returns the value of the specified Pseudo-Global

## Variable and optionally set the new value.

## If Pseudo-Global Variable is not found, it will return NIL.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: The EDIT EXTENDED command implementation by Cristobal Molla:

## - this command is available now without MAIN window definition.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: The 'Alignment' property of LABEL control supports now the

## NOVCENTER switch for removing the VCENTERALIGN property at runtime.

## Requested by Verchenko Andrey <verchenkoag/at/gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - fixed bug in the C-function CountRows().

## Investigated and contributed by Igor Nazarov

## (see demo in folder \samples\Advanced\Tsb\_seek\_2)

## \* Updated: HMGS-IDE v.1.4.4.6 Project Manager and Two-Way Visual Form Designer.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (look for what's new at changelog.txt in folder \Ide)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 latest version 3.37.0dev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: 'Browse scopes' sample:

## - added save and restore of tables information as a common database.

## Based on an original work of Peter Townsend for Clipper.

## Fixed and adapted for Minigui Extended by Grigory Filatov

## (see in folder \samples\Basic\Browse\_4)

## \* Updated: 'Get User Locale Numerics' sample.

## - updated C-code for Unicode compatibility.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\GetUserLocaleInfo)

## 2021/08/12: HMG Extended Edition version 21.07 (Update 2).

## \* New: Added the useful function HMG\_FileCopy() to copy a file to a new file.

## Syntax:

## HMG\_FileCopy( <cSourceFile>, <cTargetFile>, [<nBuffer>], [<bEval>] )

## --> lSuccess

## where

## <cSourceFile> is the name of the source file including the path and

## the extension;

## <cTargetFile> is the name of the target file including the path and

## the extension;

## <nBuffer> is the buffer size in bytes. The default is 8192 bytes;

## <bEval> is the code block which is executed with the percentage

## of the file copied.

## This function returns false if an errors occurs, otherwise,

## it returns true.

## Based upon a contribution of Jacek Kubica <kubica@wssk.wroc.pl>

## (see demo in folder \samples\Basic\Filecopy)

## \* Updated: Pacified a C-warning in the MiniGUI core for compatibility

## with the new Pelles C 11.0 (64-bit).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: The SELECTOR library source code (see in folder \Source\SELECTOR).

## Based upon a code of Janusz Piwowarski for Clipper.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Charts\_3)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added the new variable :bDrawCell in the TSColumn class.

## This codeblock will executed in the methods DrawLine() and

## DrawSelect() before calling the method TSDrawCell().

## Suggested and contributed by Sergej Kiselev.

## \* New: 'Registry class for Xbase++ usage' sample.

## Based upon a contribution of HMG user Jimmy.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\RegClass)

## \* New: 'Tab Control with OOP' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see demo3.prg in folder \samples\Basic\TAB)

## 2021/07/30: HMG Extended Edition version 21.07 (Update 1).

## \* Fixed: Correction of the vertical position of the page titles for the

## font's size more than 24 pt in the ownerdraw colored TAB.

## Requested by Verchenko Andrey <verchenkoag/at/gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\TAB)

## \* New: Added the new command to create a link file (short-cut).

## Syntax:

## CREATE LINK FILE <Linkfile> ;

## TARGETFILE <Targetfile> ;

## [ TARGETARGS <Targetargs> ] ;

## [ DESCRIPTION <Description> ] ;

## [ SHOWMODE <Showmode> ] ;

## [ [ WORKING ] DIRECTORY <Curdir> ] ;

## [ ICON [ LOCATION ] <Iconfile> ] ;

## [ ICONINDEX <Iconindex> ] ;

## [ RESULT [ TO ] <nSuccess> ]

## where

## Linkfile - the file name of the actual link file;

## Targetfile - the file name of the link's target;

## Targetargs - the command line arguments of the link's target;

## Description - the description of the link's target;

## Showmode - the ShowWindow() constant for the link's target;

## Curdir - the working directory of the active link;

## Iconfile - the file name of the icon file used for the link;

## Iconindex - the index of the icon in the icon file.

## This is based on an example in MSDN.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\CreateLink)

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG:

## - added two pseudo-functions GetControlFontHandle( Control, Form )

## and GetControlFontHandleByIndex( idx ).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Applications\GenPassword)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.37.0dev (from 3.36.0).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: 'Registry Test' sample:

## - added the auxiliary function SetWallPaper().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\REGISTRY)

## \* Updated: 'Link Executor' sample:

## - updated for compatibility with Windows 10.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\LINK\_EXECUTOR)

## 2021/07/21: HMG Extended Edition version 21.07.

## \* Fixed: Minor correction in the method VarPut() of the Harbour TGet class.

## It fixes the following problem: GetBox control do not execute the

## 'On Change' procedure after assigning a value at the calling of

## the function SetProperty ( Form, GetBox, 'Value', xValue ).

## Contributed by Sergej Kiselev.

## \* Fixed: A missing PICTURE clause handling in the BROWSE control at the

## alternative syntax. Problem was reported by Pete D.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: A Star Rating is a type of rating question that allows users to rank

## attributes on a 5- or 10-point scale represented with stars.

## It is a 5-point matrix question, but instead of radio buttons or

## checkboxes, stars are used to represent it.

## Syntax:

## @ <row>,<col> RATING <name> [ OF <parent> ] ;

## [ WIDTH <w> ] ;

## [ HEIGHT <h> ] ;

## [ PICTURE { "image1.png", "image2.png" } ] ;

## [ FROM RESOURCE ] ;

## [ STARS <count> ] ;

## [ RATE <value> ] ;

## [ SPACING <space> ] ;

## [ ON CHANGE <change> ] ;

## [ TOOLTIP <tooltip> ] ;

## [ BORDER ] ;

## [ VERTICAL ] ;

## [ READONLY ]

## There is the read/write 'Value' property for this control:

## Form.Rating.Value := 5

## nRate := GetProperty( Form, Control, 'Value' )

## - added two auxiliary functions ClearRating( Form, Control ) and

## RefreshRating( Form, Control ).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Basic\RATING)

## \* New: Added a new method 'GetArray' for retrieving of array for ComboBox,

## Grid, ListBox at runtime:

## - function syntax:

## aArray := DoMethod ( Form, Control, 'GetArray' )

## - pseudo-OOP syntax:

## aArray := Form.Control.GetArray()

## Requested by Pete D. <pete\_westg/at/yahoo.gr>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: Added new command for managing delimiter in the function HMG\_Alert():

## SET ALERT EOL [ NORMAL | STANDARD ]

## The default is STANDARD: '|' symbol for Greek language and ';' -

## for others. Note: this switch will establish the Harbour command

## SET DELIMITERS to ON (and to OFF state for NORMAL switch).

## Requested by Pete D. <pete\_westg/at/yahoo.gr>.

## Based upon a contribution of Pierpaolo Martinello

## (see demo in folder \samples\Basic\WALERT\_2)

## \* Enhanced: Added the disabled 'Checked On' state in the SWITCHER control.

## It is now a fully functional Windows 10 control.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\CheckLabel\_3)

## \* Enhanced: INI file - added the following new commands:

## - GET BEGIN COMMENT TO <uVar>;

## - GET END COMMENT TO <uVar>;

## - SET BEGIN COMMENT TO <uVal>;

## - SET END COMMENT TO <uVal>;

## and the corresponding functions:

## - GetBeginComment() and SetBeginComment() to get/set a comment at

## the first line of an INI file;

## - GetEndComment() and SetEndComment() to get/set a comment at the

## last line of an INI file.

## Based upon a code borrowed from OOHG.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\ini)

## \* Updated: DO REPORT command:

## - added the ability to define the fontname used to print the report;

## - implementation some internationalization of the few messages that

## are displayed during the report creation (please, add translation

## in your language).

## Contributed by Pete D. <pete\_westg/at/yahoo.gr>

## (see demos in folder \samples\Basic\DO\_REPORT)

## \* Updated: The function AlertRetryCancel() is localized now.

## It was a postponed modification.

## Contributed by Pete D. <pete\_westg/at/yahoo.gr>

## (see demo in folder \samples\Basic\AlertBoxes)

## \* Updated: GraphPlus library by S.Rathinagiri <srathinagiri/at/gmail.com>

## (see source in folder \Source\GraphPlus)

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\GraphPlus)

## \* Updated: Shell32 library:

## - updated C-code for 64-bit and Unicode compatibility.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Shell32)

## \* Updated: HMGS-IDE v.1.4.4.4 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'Using OOP events for Tab and Getbox controls' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Advanced\APP\_OOPGETBOX)

## \* Updated: 'Print Pie Graph' sample: updated the data for May 2021.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'Multiple Combined Search Box' sample: minor improvements.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\CombinedSearchBox)

## 2021/06/24: HMG Extended Edition version 21.05 (Update 4).

## \* Fixed: Function ShellExecute() does not execute 32 bits applications

## under Windows 10 64 bits in some cases.

## This modification is useful for 32-bit applications that want

## to gain access to the native system32 directory.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: The function WindowsVersion() detects Windows 10 release Id

## and subversion build. Based upon a contribution of HMG user Jimmy.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Applications\SysInfo)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.36.0 (from 3.36.0dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* New: 'Save/Load Array Items in Virtual Grid' sample.

## Based upon a contribution of HMG user Edward

## (see in folder \samples\Basic\Grid\_Virtual\_2)

## \* New: 'JSON ErrorLog Viewer' sample.

## Contributed by Igor Nazarov.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ErrorView)

## 2021/06/17: HMG Extended Edition version 21.05 (Update 3).

## \* Modified: The some internal SetGet functions were defined as Static.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see h\_controlmisc.prg in folder \Source).

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - minor correction in the method SetArrayTo in the TSBrowse class.

## Contributed by Sergej Kiselev

## (see demo in folder \samples\Advanced\Tsb\_SetArrayTo)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 latest version 3.36.0dev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: 'GraphPlus library demo' sample.

## Based upon a contribution of S.Rathinagiri <srgiri@dataone.in>

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\GraphPlus)

## \* Updated: 'Open Table InSpector' sample:

## - updated the source code for the Otis library version 1.22 b01;

## - updated documentation (look at \Doc folder).

## Contributed by Hans Marc.

## - fixed a program crash at saving of the default settings;

## - a code cleaning for warnings with Harbour switch -w2.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\OTIS)

## \* Updated: 'Source Code Formatter' utility.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\ofmt)

## 2021/06/09: HMG Extended Edition version 21.05 (Update 2).

## \* Updated: Improved output of the Error message window.

## The old behaviour is available also via using of the command

## SET SHOWREDALERT OFF on top of a main module.

## It was an urgent user's request.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\ShowDetailError)

## \* Updated: Implementation of UNICODE support in the MiniGUI core:

## - fixed problem with a charset in the ErrorLog.htm file.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## 2021/06/07: HMG Extended Edition version 21.05 (Update 1).

## \* New: Added two auxiliary functions in \source\h\_dbf\_aux.prg:

## - HMG\_RecToHash( [cFieldList], [cNameList] ) --> hRec

## Without any parameters, this function returns a hash with

## all fieldnames as index and field values in the current work

## area as values. When cFieldList is specified, the hash is

## filled with the specified fields only.

## When cNameList is specified, the names of the fields are

## substituted by the names in the parameter.

## - HMG\_HashToRec( hRec, [cFieldList] ) --> lSaved

## This function saves the values in the hash to the corresponding

## fields in the DBF, locking and unlocking, if necessary.

## \* Updated: Implementation of UNICODE support in the MiniGUI core:

## - fixed problem with the function FindWindowEx().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 latest version 3.36.0dev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: 'Dlu2Pixel Demo' sample.

## Contributed by Sergej Kiselev

## (see in folder \samples\Basic\GetBox\_3)

## \* Updated: 'Is Exe Running' samples:

## - using of the function FindWindowEx() instead of FindWindow().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Advanced\IsExeRunning)

## \* Updated: 'GraphPlus library demo' sample:

## - added the header file GraphPlus.ch with predefined constants;

## - modified method InitColors() for more noticeable color change;

## - fixed the values percent calculation in the Pie graph;

## - updated the centering of a graph title taking into account

## the width of the legend at right;

## - added the legend's centering in a bottom position.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\GraphPlus)

## 2021/05/31: HMG Extended Edition version 21.05.

## \* Updated: Improved output of the ErrorLog file:

## - added possibility to modify the error message with using of

## the public codeblock \_HMG\_bOnErrorInit;

## - added possibility to modify the exit behavior with using of

## the public codeblock \_HMG\_bOnErrorExit;

## - added the filters (by Date, by StackTrace, by Error) in the

## ErrorLog.htm file.

## Based upon a contribution of Verchenko Andrey.

## (see demo in folder \samples\Basic\ShowDetailError)

## \* Updated: Implementation of UNICODE support in the MiniGUI core:

## - fixed problem with the handling of the internal strings in

## the some controls.

## Based upon a contribution of Claudio Soto <srvet/at/adinet.com.uy>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Added workaround for problem with command using FIELDS keyword

## (borrowed from the header file hbfoxpro.ch).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see i\_pseudofunc.ch in folder \include)

## \* Updated: HbZeeGrid library:

## - pacified the missed C-warnings.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see source in folder \Source\HbZeeGrid)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.36.0dev (from 3.35.5).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2021-04-28 20:02).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Show image animation' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\ANIMATEDEMO\_3)

## \* New: 'GraphPlus library demo' sample.

## Based upon a contribution of S.Rathinagiri <srgiri@dataone.in>

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\GraphPlus)

## \* New: 'Windows Media Player' sample.

## Based upon a contribution of HMG user Mustafa Lopez.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\WMP)

## \* New: 'HMG CASE tool for generate programs' utility.

## It helps to create the data dictionary, forms, reports, menu and other.

## Based upon a contribution of HMG user Dragan Cizmarevic.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\hmg\_case)

## \* Updated: 'Charts ADO' sample: added using of the TEXT INTO <var> command.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Charts)

## \* Updated: 'Mouse Coords' sample.

## Contributed by Krzysztof Stankiewicz <ks/at/nsm.pl>

## (see demo5.prg in folder \samples\Basic\Mouse\_Coords)

## \* Updated: 'Open Table InSpector' sample:

## - updated the source code for the Otis library version 1.21 b01;

## - updated documentation (look at \Doc folder).

## Contributed by Hans Marc

## (see in folder \samples\Advanced\OTIS)

## \* Updated: 'My Player' sample: minor modification.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\VLC)

## \* Updated: 'Atomic Time' sample:

## - updated the following registry functions for using into the

## Unicode build:

## GetRegVar( hKey, cRegKey, cSubKey );

## SetRegVar( hKey, cRegKey, cSubKey, uValue );

## DelRegVar( hKey, cRegKey, cSubKey ).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\ATOMIC\_TIME)

## 2021/04/28: HMG Extended Edition version 21.03 (Update 3).

## \* New: The OwnerDraw Menu style supported the following optional command:

## - SET MENUTHEME [ DEFAULT | XP | 2000 | DARK | USER <aMenu> ]

## [ OF <form> ]

## Based on using of the function HMG\_SetMenuTheme().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see menudemo2.prg in folder \samples\Basic\Menu)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - added the useful functions (and appropriate properties) below:

## - TreeItemGetParentValue();

## - TreeItemSetNodeFlag().

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\TreeMenu\_3)

## \* Updated: Implementation of UNICODE support in the MiniGUI core:

## - fixed problem with the TIMEPICKER format string.

## Bug was reported by Allan De Sa.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.35.5 (from 3.35.4).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2021-04-14 22:25).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Save/Load Tree Structure in the JSON format' sample.

## Based upon a contribution of HMG user Edward.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\TreeMenu\_3)

## \* Updated: 'Simple PDF Class' sample:

## - updated for using of the recent PDF Class version.

## Based upon a contribution of Jose Quintas.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\HaruPDF\_2)

## 2021/04/14: HMG Extended Edition version 21.03 (Update 2).

## \* Fixed: ON SIZE event is triggered to early in the Modal window with the

## defined menu.

## Bug was reported by Theo Pluijm <trmpluym/at/gmail.com>.

## Based upon a contribution of HMG user Edward.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: Adaptation of the MiniGUI core for compatibility with the

## latest Harbour compiler version 3.0.0 (SVN 2011-07-17 19:15):

## - the updated header include\i\_pseudofunc.ch;

## - added translate directives for missed Harbour 3.2 functions;

## - Vista's TaskDialog implementation was blocked due to the

## incompatibility with Harbour 3.0.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: Implementation of UNICODE support in the MiniGUI core:

## - fixed problem with the returned items value in ListBox, ComboBox

## and GET ini file command.

## Bug was reported by Allan De Sa.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2021-04-10 23:32):

## \* Updated: PostGreSQL library source code

## (see in folder \Source\HbPgSql).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'ButtonEx and Snap Control' sample: added the function Snap2Ctrl().

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo3.prg in folder \samples\Basic\BUTTON\_1)

## 2021/04/07: HMG Extended Edition version 21.03 (Update 1).

## \* New: Implementation of UNICODE support in the MiniGUI core libraries:

## - updated the Harbour TGet class;

## - updated the GETBOX control;

## - updated the TSBrowse library.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - correction of using the variable :lNoKeyChar with the logical

## fields in the method KeyChar().

## Contributed by SergKis

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.35.4 (from 3.35.3).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2021-03-31 20:37):

## \* Updated: PostGreSQL library source code

## (see in folder \Source\HbPgSql).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: 'Test application' sample.

## - updated C-code for unicode support.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\TEST\_APPLICATION)

## \* Updated: 'Using OOP events for creation of the reports' sample:

## - updated database for unicode compatibility.

## Contributed by Sergej Kiselev

## (see in folder \samples\Advanced\APP\_OOPREPORT)

## 2021/03/31: HMG Extended Edition version 21.03.

## \* New: Implementation of UNICODE support in the MiniGUI core libraries:

## - updated the all basic controls;

## - updated the constants in the header file i\_winuser.ch;

## - updated the fonts management;

## - was rewritten the INI files handling;

## - updated the BosTaurus library;

## - updated the HMG Debugger library;

## - updated the MiniPrint2 library;

## - updated the TSBrowse library.

## Based upon a contribution of Claudio Soto <srvet/at/adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: The commands OPEN REGISTRY, GET VALUE, SET VALUE, DELETE VALUE

## and CLOSE REGISTRY became unavailable in the Unicode build \_only\_.

## Registry support is now provided by HBWIN Harbour contribution

## library (linked by default).

## The following functions must be used instead:

## RegistryRead( cRegPath )

## RegistryWrite( cRegPath, xValue )

## These functions are Unicode compatible.

## Contributed by Roberto Lopez in the official HMG 2.5.0

## (see i\_hmgcompat.ch in folder \include)

## \* Updated: The useful Registry functions were updated for using into the

## Unicode build:

## - IsRegistryKey( nKey, cRegKey );

## - CreateRegistryKey( nKey, cRegKey );

## - GetRegistryValue( nKey, cRegKey, cRegVar, cType );

## - SetRegistryValue( nKey, cRegKey, cRegVar, uVal );

## - DeleteRegistryVar( nKey, cRegKey, cRegVar );

## - DeleteRegistryKey( nKey, cRegKey ).

## Based upon the HbWin contrib library.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\REGISTRY)

## \* Fixed: ANIGIF control: restored a proper handling of the DELAY clause

## (bug was introduced in the build 20.10 (update 2)).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo3.prg in folder \samples\Basic\ANIMATEDEMO)

## \* Enhanced: The Tab page(s) at owner-draw colored TAB control supports now

## PNG, GIF and TIF images. The 'Transparent' property will be added

## to these images automatically.

## Requested by Ivanil Marcelino <ivanil/at/linkbr.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.35.3 (from 3.35.0dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* New: 'Draw a Bar graph from the database' sample.

## Based upon a contribution of G. N. Rao for FiveWin.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo4.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'Ownerdraw ButtonEx control with gradient colors support' sample:

## - updated C-code for unicode support.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\ButtonEx\_2)

## \* Updated: 'Font definitions' sample:

## - updated C-code for unicode support.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\Font)

## \* Updated: 'GetFont dialog with the monospace fonts' sample.

## - updated C-code for unicode support.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\GetFont)

## \* Updated: 'HMG internal hotkeys processing' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## (see in folder \samples\Basic\HotKeys)

## \* Updated: 'Restore a working of the F12 hotkey' sample:

## - updated PRG and C code for unicode support.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\ON\_KEY\_F12)

## \* Updated: 'Enum Processes' sample by Claudio Soto:

## - updated C-code for unicode support.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\EnumProcesses)

## \* Updated: 'Open Table InSpector' sample:

## - added the source code for the Otis library version 1.20 b01;

## - updated documentation (look at \Doc folder).

## Contributed by Hans Marc

## (see in folder \samples\Advanced\OTIS)

## \* Updated: 'Read XLS' sample.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Advanced\ReadXLS)

## \* Updated: 'System services' sample:

## - updated PRG and C code for unicode support.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\WMI\_Service\_2)

## \* Updated: 'DBFview v.0.80' sample:

## - updated for the recent changes in the Minigui core.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\DBFview\source)

## 2021/02/25: HMG Extended Edition version 21.02.

## \* Fixed: The EDIT EXTENDED command implementation by Cristobal Molla:

## - fixed a program crash on exit at using of LetoDBf server.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: The colored TAB control with HOTTRACK clause allows to

## modify the HTFORECOLOR and HTINACTIVECOLOR properties at runtime.

## You can set/get these properties with

## - function syntax:

## SetProperty ( Form, TabName, 'HTForeColor', aRGB )

## GetProperty ( Form, TabName, 'HTForeColor' ) --> aRGB

## GetProperty ( Form, TabName, 'HTInactiveColor' ) --> aRGB

## - pseudo-OOP syntax:

## FormName.TabName.HTForeColor --> color array

## FormName.TabName.HTInactiveColor --> color array

## FormName.TabName.HTInactiveColor := aRGB

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\TAB)

## \* Enhanced: The Grid control supports the optional ON RCLICK clause.

## This clause specifies the action at the mouse right button click.

## Requested by Spencer Redfield.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo3.prg in folder \samples\Basic\Grid\_4)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: added 'RowsPerPage' property which retrieves the number of

## rows visible within a Grid. Note: This property is read-only and

## available after control definiton only.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Grid\_Rows\_Per\_Page)

## \* Updated: the MiniGUI core libraries were compiled with the Harbour switch

## -l for a smaller program size:

## - added a new annotated DEBUG constant in the hmg.hbp project file

## for switching above behaviour.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see hmg.hbp in folder \Source)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 latest version 3.35.0dev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2021-01-26 18:27):

## \* bumped copyright year to 2021.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'MySql Database Driver' samples (passed with MySQL version 5.7.32).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Advanced\MySqlDD\_2)

## \* New: 'Function References' utility.

## Based upon a contribution of a HMG user.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\FuncRef)

## \* Updated: 'Internet Explorer ActiveX' sample:

## - added the cut-copy-paste actions by pressing the corresponding

## hotkeys.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ActiveX)

## \* Updated: 'LetoDBf server&client testing' sample:

## - added the letoudf.prg source, containing UDF server side

## functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\LetoDBf\SERVER\SOURCE)

## \* Updated: 'Read XLS' sample by Ismael Elias:

## - added support of .xlsx Excel files.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Advanced\ReadXLS)

## \* Updated: 'Make PRG' console utility.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\MakePrg)

## 2021/01/21: HMG Extended Edition version 21.01.

## \* Fixed: The symbol fonts were abandoned in the internal function

## \_DefineFont() (introduced in the build 16.12).

## Bug was reported by Pierpaolo Martinello.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see sample 2 in demo at folder \samples\Advanced\TSBrowse)

## \* Fixed: An Image index assigning was ignored in the Grid control with

## 'ColumnControls' property defined as NIL (introduced in the build

## 20.06).

## Bug was reported by Ivanil Marcelino <ivanil/at/linkbr.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\GRID\_1)

## \* Modified: The command DEFINE FONT <font> FONTNAME <name> ... will delete

## automatically a previous font definition instead of error message.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\WALERT\_2)

## \* Modified: Adaptation of MiniGUI core for compatibility with Borland/

## Embarcadero C++ 7.20 64-bit compiler:

## - added a dummy C-function instead of the missed MCIWndCreateA().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* New: Added the Harbour contrib library for Cabinet file (\*.CAB)

## compression and extraction (see source in folder \Source\HbCAB).

## This is a wrapper of system DLL cabinet.dll.

## Based on an original work of Andi Jahja <xharbour/at/telkom.net.id>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Advanced\HbCAB)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.35.0dev (from 3.34.0).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: Added the binary of HMG IDE tool of Roberto Lopez.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \HMG-IDE)

## \* Updated: HbZeeGrid sample:

## - update for using ZeeGrid DLL build 41 (from build 37).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Advanced\HbZeeGrid)

## \* Updated: 'Print Pie Graph' sample: updated the data for December 2020.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'Grid Image Index with the PNG images' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Grid\_ImageIndex)

## \* Updated: 'MySql Client' sample:

## - fixed program crash at export to DBF for the numeric fields

## with the defined decimal value more than zero;

## - updated import from DBF for the numeric fields

## with the defined decimal value more than zero;

## - fixed a dynamic grid filling typo.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\MySqlClient)

## \* Updated: 'Virtual columns in Tsbrowse for DBF file' sample.

## Contributed by Verchenko Andrey

## (see in folder \samples\Advanced\Tsb\_VirtualColumn)

## \* Updated: 'TSBrowse Demo' sample:

## - added the in-line ProgressBar in the sample SbArray.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Advanced\TSBrowse)

## \* Removed: 'Flash Player' sample not working due to the Adobe restrictions

## since January 12, 2021 (Adobe Flash is officially dead and gone).

## 2020/12/10: HMG Extended Edition version 20.12.

## \* Fixed: A support of use the Harbour pcode DLL was broken in the MiniGUI core

## (introduced in the build 16.12).

## Requested by Anand Gupta on Minigui forum.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Possible program crash at releasing of the standard 'Image Button'

## control with NOXPSTYLE clause which was established to TRUE value

## (introduced in the build 16.03).

## Bug was reported by Eladio Bravo <eladibravo/at/gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Synchronized Extended HMG for compatibility with the Official HMG:

## - misc updates for a correct compiling of the HMG-IDE tool.

## Based upon a contribution of Claudio Soto <srvet/at/adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## \* New: The ProcInfo library source code. It is available in the mingw64-based

## donationware distribution only.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Source\ProcInfo)

## \* New: The SELECTOR library source code. It is available in the mingw64-based

## donationware distribution only.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Source\SELECTOR)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.34.0 (from 3.34.0dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: HMGS-IDE v.1.4.4.3 Project Manager and Two-Way Visual Form Designer:

## - minor correction at adding of a preferable text editor.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Ide)

## \* Updated: 'HMG IDE' sample: code was modified to original source of utility.

## Based upon a contribution of Roberto Lopez <mail.box.hmg@gmail.com>.

## Thanks a lot for this GREAT contribution!

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\hmgide)

## \* New: 'Get Text Width Test' sample.

## Based upon a contribution at official HMG forum.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\GetTextWidth)

## \* New: 'Open Table InSpector' sample is based on the Otis library of Hans Marc:

## - usage in the Plugin mode (look at \Doc folder for a manual).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\OTIS)

## \* Updated: UnRar sample and HbUnrar library:

## - updated UnRar.Dll to the current version 6.0.2 (from 5.90).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\UnRar)

## \* Updated: The following samples were revised for compatibility with the

## recent Minigui modification of the ButtonEx control handling:

## - \samples\Applications\Daily;

## - \samples\Advanced\ExpButton;

## - \samples\Advanced\OnScreenKeyboard;

## - \samples\Advanced\SetThemes;

## - \samples\Advanced\TransparentIcons.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: 'TBrowse :aBitMaps and :aCheck variables usage' sample:

## - added mark/unmark records mode with using keys <Space>, F2, F3, F5.

## Contributed by Sergej Kiselev

## (see in folder \samples\Advanced\Tsb\_BitMaps)

## \* Updated: 'Virtual columns in Tsbrowse for DBF file' sample.

## Contributed by Verchenko Andrey

## (see in folder \samples\Advanced\Tsb\_VirtualColumn)

## 2020/11/12: HMG Extended Edition version 20.10 (Update 4).

## \* Fixed: Minor correction of a title position in the GRAPH BITMAP PIE command.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\GraphPrint\_Bitmap)

## \* Enhanced: The function MiniGUIVersion() will return a string with the Update

## number.

## Example:

## MiniGuiVersion(1) -> "Harbour MiniGUI Extended Edition 20.10.4"

## Suggested and contributed by Miguel Ingles

## (see menudemo2.prg in folder \samples\Basic\Menu)

## \* Updated: HBPrinter library:

## - correction of printing of the image from a memory variable

## (introduced in the build 20.05).

## Problem was reported by Rene Koot <rene[at]plantenkennis.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HMGS-IDE v.1.4.4.3 Project Manager and Two-Way Visual Form Designer:

## - added needed BosTaurus library to a link scripts.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Ide)

## \* Updated: MPM utility:

## - added needed BosTaurus library to a link script.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\MPM)

## \* Updated: 'Virtual columns in Tsbrowse for DBF file' sample.

## Contributed by Sergej Kiselev

## (see in folder \samples\Advanced\Tsb\_VirtualColumn)

## 2020/11/06: HMG Extended Edition version 20.10 (Update 3).

## \* Fixed: PROGRESSWHEEL: important correction of a gradien calculation in

## the internal function GradientColor().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Advanced\ProgressWheel)

## \* Enhanced: The ButtonEx control now accepts the numeric color definitions

## as well as the RGB arrays for BACKCOLOR and FONTCOLOR clauses.

## Requested by Verchenko Andrey.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: 'Bos Taurus' Graphics Library:

## - code was separated into PRG-module and C-module.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see source in folder \Source\BosTaurus)

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2020-11-03 10:37).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## 2020/11/05: HMG Extended Edition version 20.10 (Update 2).

## \* New: Progress Wheel is a round progress control with customizable colors,

## shape and gradient.

## Syntax:

## @ <row>,<col> PROGRESSWHEEL <name> [ OF <parent> ] ;

## [ RANGE <lo> , <hi> ] ;

## [ VALUE <v> ] ;

## [ WIDTH <w> ] ;

## [ HEIGHT <h> ] ;

## [ <ShowText : SHOWTEXT> ] ;

## [ STARTANGLE <StartAngle> ] ;

## [ INNERSIZE <InnerSize> ] ;

## [ GRADIENTMODE <GradientMode> ] ;

## [ COLORDONEMIN <ColorDoneMin> ] ;

## [ COLORDONEMAX <ColorDoneMax> ] ;

## [ COLORREMAIN <ColorRemain> ] ;

## [ COLORINNER <ColorInner> ]

## There are the following properties and method for this control:

## - pseudo-OOP method SetShowText:

## Form.PWeel.SetShowText( bCustomText )

## Domethod ( Form, Control, "SetShowText", bCustomText )

## - read/write properties 'ColorDoneMin', 'ColorDoneMax',

## 'ColorRemain', 'ColorInner', 'InnerSize', 'StartAngle',

## 'Min', 'Max', 'Position', 'ShowText', 'GradientMode':

## Form.PWeel.Position := 25

## nPos := GetProperty( Form, Control, 'Position' )

## Form.PWeel.GradientMode := GM\_POSITION

## nMode := GetProperty( Form, Control, 'GradientMode' )

## It is based upon the BosTaurus library and must be considered as

## experimental feature.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Advanced\ProgressWheel)

## \* Modified: TGif class version 1.4 was improved with the following:

## - optimized the use of the object's properties;

## - created a unique ID for the dismount file of the GIF in the

## temporary folder;

## - returned the 'Cargo' property to the user;

## - removed several properties that had no real use;

## - eliminated errors of missing files.

## Contributed by Ivanil Marcelino <ivanil/at/linkbr.com.br>.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\tgif)

## \* Enhanced: ANIGIF control: added support of read/write property 'Picture'.

## Based upon a contribution of Ivanil Marcelino <ivanil/at/linkbr.com.br>.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 latest version 3.34.0dev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: 'Animated GIF' sample:

## - updated for the recent changes in Minigui core.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\AniGIF)

## \* Updated: 'TGif class' sample:

## - updated for the recent changes in Minigui core.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\tgif)

## 2020/10/28: HMG Extended Edition version 20.10 (Update 1).

## \* Fixed: Browse control without PICTURE option had a wrong formatting for

## the fields with negative numbers (introduced in the build 20.05).

## Bug was reported by Pablo Jalabert.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Browse\_4)

## \* Fixed: Correction in the Imagelist ADD IMAGE commands.

## Syntax:

## ADD IMAGE <image> [ MASK <mask> ] TO <control> OF <parent>

## ADD MASKEDIMAGE <image> [ COLOR <aColor> ] TO <control> ;

## OF <parent>

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\TOOLBAR\_3)

## \* Enhanced: TOOLBAR control: tool buttons respect the BALLOON style of

## tooltips and the command SET TOOLTIP [ ACTIVATE ] <ON | OFF>.

## Requested by Ivanil Marcelino <ivanil/at/linkbr.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\TOOLBAR\_2)

## \* Enhanced: ANIGIF control: added support of animated GIF from resources.

## Requested by Ivanil Marcelino <ivanil/at/linkbr.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\AniGIF)

## \* Enhanced: BtnTextBox and GetBox controls support Controls Context menu.

## Requested by Ivanil Marcelino <ivanil/at/linkbr.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: Adding the new selected values to the multiple selection Grid

## was significantly accelerated (noticeable for grids with more than

## one hundred thousand items).

## Suggested by HMG user Edward.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: 'Month Calendar control with the bold days and backcolor' sample.

## Based upon a contribution of Kevin Carmody <i@kevincarmody.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo3.prg in folder \samples\Basic\MONTHCAL)

## \* New: 'MiniGUI ToolBar ImageList Demo' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\TOOLBAR\_3)

## 2020/10/21: HMG Extended Edition version 20.10.

## \* New: Added the new functions for Windows GDI objects memory release.

## It will activate the GDI objects recording and call CheckRes()

## to generate the checkres.txt log file on the application quit.

## The above logfile will report the following unreleased objects:

## - BITMAP handles;

## - BRUSH handles;

## - CURSOR handles;

## - FONT handles;

## - ICON handles;

## - IMAGELIST handles;

## - REGION handles.

## Note: This feature will work after setting of debugging mode

## via the Harbour command Set( \_SET\_DEBUG, .T. ) or AltD( 1 ).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\Grid\_5)

## \* Fixed: Detected resource leakage of GDI objects at the release of the

## Main form with usage of the new MiniGUI Resources control system.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Alternate definition of SPLITBOX control overrides wrongly a

## standard his definition (cannot be used simultaneously BOTTOM and

## HORIZONTAL clauses). It exists in the official version too.

## Bug was reported by Ivanil Marcelino <ivanil/at/linkbr.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: TREE: There is a blurring of the picture in some cases.

## Bug was reported by Eladio Bravo <eladibravo/at/gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\DirTree\_2)

## \* Fixed: The TOOLBAR control with WRAP style was hidden in the SplitBox with

## defined BOTTOM clause.

## Problem was reported by Ivanil Marcelino <ivanil/at/linkbr.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: TOOLBAR control: toolbuttons supports an optional ADJUST clause.

## Requested by Ivanil Marcelino <ivanil/at/linkbr.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Revised a hot mouse tracking in the ButtonEx control.

## Problem was reported by Gilbert Vaillancourt.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see menulist\_2.prg in folder \samples\Advanced\MenuList)

## \* Updated: Revised a releasing of the AniGif control after using of the new

## MiniGUI Resources control system.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\CircleProgressAnimation)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: COMBOBOXEX supports the optional clause NOTRANSPARENT;

## - New: IMAGE CHECKBUTTON supports the optional clause NOTRANSPARENT;

## - New: TAB control supports the optional clause NOTRANSPARENT;

## - New: TREE control supports the optional clause NOTRANSPARENT.

## Based upon a contribution of Claudio Soto <srvet/at/adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Added the optional color's constants to the header files.

## Contributed by Kevin Carmody <i@kevincarmody.com>

## (see i\_color.ch and i\_wincolor.ch in folder \include)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added the new variables :lFastDrawCell, :aFastDrawCell and

## :lFastDrawClear, method :FastDrawClear() for high-speed hash-based

## data refreshing in the TSBrowse class;

## Note: you should set :lFastDrawCell to .T. for switch ON above mode.

## Thanks a lot for this GREAT contribution!

## - correction of a filling of :aRowPosAtRec auxiliary array

## in the methods GoUp() and GoDown().

## Suggested and contributed by Sergej Kiselev and Igor Nazarov.

## - added the new cursors CATCH and DRAG in the TCursor class.

## Sample code:

## oCursor := TCursor():New( , "CATCH" )

## DEFINE WINDOW Form\_1 ...

## ON MOUSEMOVE SetResCursor( oCursor:hCursor ) ;

## ON RELEASE oCursor:End()

## END WINDOW

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.34.0dev (from 3.33.0).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: 'Character Colors Test' sample with using of HBPrinter feature.

## Based upon a contribution of Pierpaolo Martinello for WinReport.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Color\_4)

## \* New: 'ButtonEx Builder' sample.

## Contributed by Gilbert Vaillancourt.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\ButtonBuilder)

## \* New: 'DBF Index Manager' sample.

## Contributed by Gilbert Vaillancourt.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\DBFIndex)

## \* Updated: 'How to add a skin for a Grid control' sample:

## - fixed a resource leakage with usage of the Minigui Resources

## control system.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\Grid\_5)

## \* Updated: 'TBrowse in the MDI environment' sample:

## - added a memo field editing in the Card edit mode.

## Contributed by Sergej Kiselev

## (see in folder \samples\Advanced\Tsb\_DemoMDI)

## \* Updated: 'TBrowse SpecHeader' sample:

## - fixed incorrect creation of NTX indexes for a column sorting.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\Tsb\_SpecHeader)

## \* Updated: 'Data Base Assistant' utility:

## - fixed open errors handling.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\DBA)

## 2020/09/30: HMG Extended Edition version 20.08 (Update 5).

## \* Updated: The internal function GetUserControlType() detects now a new

## RichEditBoxEx control.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Revised MiniGUI core code for compiling a lite English only

## version of the library with the following switches in the header

## file include\minigui.ch:

## - \_MULTILINGUAL\_ constant is turned OFF;

## - \_PROPGRID\_ constant is turned OFF;

## - \_PANEL\_ constant is turned OFF;

## - \_PAGER\_ constant is turned OFF;

## - \_HMG\_COMPAT\_ constant is turned OFF;

## - \_OBJECT\_ constant is turned OFF.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HMGS-IDE v.1.4.4.2 Project Manager and Two-Way Visual Form Designer:

## - experimental build with the lite version of MiniGUI 20.08.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added the ADS field types support in the method :LoadFields().

## Contributed by Igor Nazarov.

## \* Updated: ADS RDD synced for the latest Advantage Database Server 12.0.

## Contributed by Igor Nazarov.

## \* New: 'Tsbrowse ADO Test' sample.

## Based upon a code borrowed from OOHG.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\Tsb\_adotest)

## \* Updated: 'Test Directory List with System Icons' sample:

## - fixed memory leak which was reported by Jimmy.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\FILEICON)

## \* Updated: 'TBrowse speed test with multiple fields' samples:

## - added the hotkey actions via Ctrl + 0...8.

## Contributed by Sergej Kiselev

## (see in folder \samples\Advanced\Tsb\_MoreFields)

## 2020/09/24: HMG Extended Edition version 20.08 (Update 4).

## \* Fixed: The default backcolor of Label, CheckBox and RadioGroup controls

## is not correct if you place a WINDOW PANEL into the TAB control.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\CONTAINERS\Panel)

## \* Fixed: Wrong GETBOX update behavior when user entered an invalid date

## value (there is no way to correct it via program action).

## Bug was reported by Pierpaolo Martinello.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: The DATEPICKER supports the colors definition for a dropdown

## MonthCalendar in the THEMED Operating Systems.

## It was a postponed user's request.

## Based upon a contribution of HMG user Jimmy.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\DatePicker)

## \* Enhanced: The MONTHCAL control allows the display of days in BOLD.

## There are three auxiliary functions for above feature handling:

## - AddMonthCalBoldDay( ControlName, ParentName, dDate );

## - DelMonthCalBoldDay( ControlName, ParentName, dDate );

## - IsMonthCalBoldDay( ControlName, ParentName, dDate ).

## Based upon a code borrowed from OOHG.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see month.prg in folder \samples\Basic\MONTHCAL)

## \* New: 'Testing columns in Tsbrowse for DBF file' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Advanced\Tsb\_2tables)

## \* New: 'Virtual columns in Tsbrowse for DBF file' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Advanced\Tsb\_VirtualColumn)

## \* Updated: 'Month calendar control test' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\MONTHCAL)

## 2020/09/17: HMG Extended Edition version 20.08 (Update 3).

## \* Fixed: The initial display of the window with a TAB control is not correct

## if you place a WINDOW PANEL on the second page of the TAB control.

## That's exists in the official version too.

## Bug was reported by Hans Marc.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\CONTAINERS\Panel)

## \* New: Added the useful function HMG\_DbfStruct().

## Syntax:

## HMG\_DbfStruct( cDbfName ) --> aStruct

## where aStruct is a multidimensional array with database fields

## structure, which is similar to the output from dbStruct(), but

## without the need to use the USE command.

## (see demo in folder \samples\Advanced\Tsb\_MoreFields)

## \* Updated: Minor modifications in the MiniGUI core for compatibility with

## the new Pelles C 10.0 (64-bit) and Harbour 3.2.0dev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added the new variables :cEditBoxSep, :nEditBoxWrap,

## :lEditBoxROnly and :lEditBox in the TSColumn class.

## Sample code:

## :Cargo:nMaxMemoCnt := 0 // Max count field memo

## :Cargo:nMaxCharCol := 50 // Max len char column

## :Cargo:nMaxLineMem := 10 // Max line for memo edit

## :Cargo:lEdit := oMain:Cargo:lEdit

## ...

## ELSEIF o:cFieldTyp $ "CM"

## IF o:cFieldTyp == "M" .or. o:nFieldLen > :Cargo:nMaxCharCol

## o:lEditBox := .T.

## IF o:cFieldTyp == "M"

## :nMemoHE := :Cargo:nMaxLineMem

## :Cargo:nMaxMemoCnt += 1

## ELSE

## o:nEditBoxWrap := :Cargo:nMaxCharCol

## ENDIF

## o:nWidth := o:ToWidth( :Cargo:nMaxCharCol )

## :Cargo:lToolTipCol := .T.

## IF ! :Cargo:lEdit

## o:lEditBoxROnly := .T.

## o:lEdit := .T.

## ENDIF

## ELSE

## o:nWidth += GetFontWidth("Normal", 1)

## ENDIF

## ENDIF

## Contributed by Sergej Kiselev

## (see demo in folder \samples\Advanced\Tsb\_DemoMDI)

## \* New: 'Charts SQLITE3' sample is based on using of the SQLite ODBC Driver

## from http://www.ch-werner.de/sqliteodbc/.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Charts\_4)

## \* New: 'Test Directory List with System Icons' sample.

## Based upon a contribution of HMG user Jimmy.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\FILEICON)

## \* New: 'TBrowse speed test with multiple fields' samples.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\Tsb\_MoreFields)

## \* Updated: 'DBF to HTML Wizard' sample:

## - added using of Bootstrap and jQuery frameworks.

## Contributed by Marcos Jarrin Pita

## (see in folder \samples\Applications\Dbf2Html)

## 2020/09/10: HMG Extended Edition version 20.08 (Update 2).

## \* Fixed: Wrong detection of RichEditBox control as RichEditBoxEx control.

## Bug was reported by Marcelo A. L. Carli.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HBPrinter library:

## - small correction for the incorrect symbols in DOC NAME clause.

## Problem was reported by Oscar Martin.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added the new method ToolTipSet( nToolTipTime, nToolTipLen );

## - added the new variables :aRowPosAtRec and :lRowPosAtRec.

## Sample code:

## :lRowPosAtRec := .T.

## :ToolTipSet( 7, 1024 ) // 7 sec., 1024 buffer

## :cToolTip := {|ob,x,y|

## Local cRet := "", xVal, nRec, nNew

## If ! ISNUMERIC(y) .or. ! ISNUMERIC(x) ; Return cRet

## EndIf

## If y > 0

## nNew := ob:aRowPosAtRec[ y ]

## If nNew > 0

## nRec := (ob:cAlias)->( RecNo() )

## ( ob:cAlias )->( dbGoto( nNew ) )

## xVal := ob:GetValue( x )

## ( ob:cAlias )->( dbGoto( nRec ) )

## If ISCHAR( xVal )

## cRet := Trim( xVal )

## If Len( cRet ) < 50

## cRet := ""

## EndIf

## EndIf

## EndIf

## EndIf

## Return cRet

## }

## - added possibility to filter all types of the fields in the method

## FilterFTS( cFind [, lUpper][, lBottom][, lFocus][, lAllTypes] )

## Sample code:

## oBrw\_1:FilterFTS( cSeek, .F. ,,, .T. )

## (see demo in folder \samples\Advanced\Tsb\_filter)

## Contributed by Sergej Kiselev.

## \* New: 'DBF to HTML Wizard' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\Dbf2Html)

## \* New: 'DBF to XML Wizard' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\DBF2XML)

## \* Updated: UnRar sample and HbUnrar library:

## - updated UnRar.Dll to the current version 5.90 (from 3.93).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\UnRar)

## 2020/09/02: HMG Extended Edition version 20.08 (Update 1).

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: added commands FINDTEXTDIALOG and REPLACETEXTDIALOG;

## - New: added in-line feature to the miniprint commands;

## - New: added RegistryRead() and RegistryWrite() pseudo-functions.

## Based upon a contribution of Claudio Soto <srvet/at/adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Applications\WordWriter)

## \* New: 'Word Writer' sample. Borrowed from Official HMG distribution.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\WordWriter)

## \* Updated: 'RichEditBox' sample:

## - adapted RTF print feature.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\RichEditBox)

## 2020/08/31: HMG Extended Edition version 20.08.

## \* Fixed: Program crash at editing of a first column with the defined IMAGE

## clause in the Grid control.

## Bug was reported by Pete D. <pete\_westg/at/yahoo.gr>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Grid\_ImageIndex)

## \* Fixed: Small correction in the internal function VerifyControlDefined()

## for protection of the HOTKEY controls which have not an internal

## name. Problem was reported by Sergej Kiselev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Enhanced: Added the auxiliary function HMG\_Alert\_RowStart() for managing

## of a start row of a first line in the function HMG\_Alert().

## Suggested and contributed by Sergej Kiselev

## (see demo8.prg in folder \samples\Advanced\Tsb\_Basic\_3)

## \* Enhanced: The internal OOP class TKeyData was improved for Json support:

## - added the new method Json( cJson ).

## Usage:

## a := hb\_hash() // create a hash

## a['dat'] := date() ; a['0'] := 222 ; a['TYP'] := "text"

## a['1'] := "text2" ; a['kod'] := 7777

## o := oKeyData() // create object

## o:Set( a )

## hb\_MemoWrit( ".\\_o\_.json", o:Json( .F. ) )

## ...

## J := hb\_MemoRead( ".\\_o\_.json" )

## a := oKeyData()

## ? "a = ", a:Json( J ) // a = 'O'

## ?v a:GetAll( .F. )

## Suggested and contributed by Sergej Kiselev.

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: added RichEditBoxEx control with the expanded possibilities.

## Requested by Theo Pluijm <trmpluym/at/gmail.com>.

## Based upon a contribution of Claudio Soto <srvet/at/adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\RichEditBox)

## \* Modified: The default <versioninfo> section may be removed from the

## application resources with a specify of \_\_VERSION\_INFO constant

## and launch the batch file \Resources\CompileRes.bat.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see minigui.rc in folder \Resources)

## \* Modified: The batch file buildapp.bat from MinGW-based distribution

## supports the projects with many RC files similar to BCC compiler.

## You can define the \_\_VERSION\_INFO constant in your local RC file

## for using an user-defined <versioninfo> section.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see Modest.rc in folder \Samples\Modest)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added the new variable :bTSDrawCell and method TSDrawCell();

## - added handling of a restore message [#46] in method DeleteRow();

## - improved usage of LOADFIELDS clause for a database.

## Sample code:

## DEFINE TBROWSE &cBrw OBJ oBrw AT y,x WIDTH w HEIGHT h CELL ;

## ALIAS Alias() ;

## FONT {"Normal", "Bold", "Bold"} ;

## FOOTER .T. ;

## FIXED COLSEMPTY ;

## LOADFIELDS GOTFOCUSSELECT ;

## COLNUMBER { 1, 50 } ;

## ENUMERATOR

## Contributed by Sergej Kiselev

## (see demo9.prg in folder \samples\Advanced\Tsb\_Basic\_3)

## \* Updated: HbXML library source code:

## - open error detection fixed;

## - BOM detection added.

## Borrowed from HwGui v2.22 by Alexander Kresin <alex@kresin.ru>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Source\HbXML)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.33.0 (from 3.33.0dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2020-08-19 02:02).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.4.4.2 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'RichText Class Test' sample.

## Related Commands are:

## - DEFINE RTF / CLOSE RTF

## - DEFINE PAGESETUP

## - BEGIN HEADER / END HEADER

## - BEGIN FOOTER / END FOOTER

## - WRITE TEXT

## - NEW PARAGRAPH

## - DEFINE TABLE / CLOSE TABLE

## - BEGIN ROW / END ROW

## - WRITE CELL

## - NEW SECTION

## - INSERT PAGENUMBER

## Based upon a contribution of Tom Marchione for FiveWin library.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\RichText)

## \* New: 'TBrowse control placed into Alert messagebox' sample.

## Contributed by Sergej Kiselev

## (see demo9.prg in folder \samples\Advanced\Tsb\_Basic\_3)

## \* New: 'TSBrowse Export data to XLS/XML/DOC files with a coloring' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Advanced\Tsb\_Export\_2)

## \* New: 'Source Code Formatter' utility.

## Based upon a code borrowed from OOHG.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\ofmt)

## \* Updated: 'Data-Bound Controls' sample:

## - updated function DrawRR() for the round rectangled edit controls.

## Syntax:

## DrawRR( [ lFocus ][, nRow ][, nCol ][, nHeight ][, nWidth ] ;

## [, cWindowName ][, nCurve ] )

## Suggested and contributed by Sergej Kiselev

## (see demo2.prg in folder \samples\Basic\DATA\_BOUND)

## 2020/07/30: HMG Extended Edition version 20.06 (Update 5).

## \* Fixed: Possible corruption after a memory allocation in the C-function

## ListViewGetItem() (introduced in the build 19.04).

## Reported and contributed by Fernando Yurisich.

## \* Fixed: When loads a Grid control and 'ColumnControls' property

## is NIL then converts automatically any data type in a text type.

## Problem was reported by Fernando Yurisich.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - minor correction at adding of a Selector in the method Paint().

## Contributed by Sergej Kiselev.

## - the function LoadImage() supports the additional parameters.

## Syntax:

## LoadImage( cFilename [, hWnd ][, nWidth ][, nHeight ] ;

## [, nScale ][, nTransparent ][, nBackColor ][, Adjust ] ;

## [, lAlpha ][, nAlphaConstant ] )

## Requested by Verchenko Andrey.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 latest version 3.33.0dev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: 'Data-Bound Controls' sample:

## - updated function DrawRR() for the round rectangled edit controls.

## Syntax:

## DrawRR( nRow, nCol, nHeight, nWidth ;

## [, lFocus][, cWindowName][, nCurve] )

## Requested by Paul Schlicher.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\DATA\_BOUND)

## 2020/07/27: HMG Extended Edition version 20.06 (Update 4).

## \* Fixed: The transparent CHECKBOX and RADIOGROUP controls inside a Tab

## depended from a FRAME with 'Opaque' property which set to ON.

## Problem was reported by Marcal Vera.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Modified: The minor optimizations for a MiniGUI core reducing in the

## following functions:

## - SetProperty();

## - GetProperty();

## - DoMethod().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - the all controls (ButtonEx, Image CheckButton, ToolBar Button,

## ComboBoxEx, Grid, Tab, Tree, Menu, etc) will loaded the images

## in formats BMP, GIF, TIF, JPG and PNG.

## It was a postponed user's request (slight chance of regression).

## Based upon a contribution of Claudio Soto <srvet/at/adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Tab\_4)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 latest version 3.33.0dev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* New: 'Grid Image Index with the PNG images' sample by Claudio Soto.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Grid\_ImageIndex)

## \* Updated: 'Data-Bound Controls' sample:

## - added the round rectangled edit controls with outline highlight

## when gaining focus.

## Requested by Sylvain Larche.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\DATA\_BOUND)

## \* Updated: 'Tab pages with the PNG images' sample.

## Borrowed from HMG 4 project.

## Adapted by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Tab\_4)

## 2020/07/20: HMG Extended Edition version 20.06 (Update 3).

## \* Fixed: Multiselect GRID: when you click again on only one of the previous

## selected lines the 'OnChange' event is NOT called.

## That's exists in the official version too.

## Bug was reported by Hans Marc.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Grid\_2)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - minor correction of a phantom column's painting in the method

## Enabled().

## Contributed by Sergej Kiselev

## (see demo6.prg in folder \samples\Advanced\Tsb\_Basic\_2)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 latest version 3.33.0dev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* New: 'Restore a working of the F12 hotkey' sample.

## Based upon a contribution of Pablo Cesar Arrascaeta at HMGFORUM.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\ON\_KEY\_F12)

## \* New: 'NetIO Server Test' sample with a client connection.

## Based upon a contribution of Pete D. <pete\_westg/at/yahoo.gr>.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\NETIO\_3)

## \* Updated: 'Folders syncronize - Backup Incremental' utility:

## - added the possibility of syncronizing to and from the Leto server.

## Based upon a contribution of Brunello Pulix at HMGFORUM.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\HMG\_MYSYNC)

## 2020/07/13: HMG Extended Edition version 20.06 (Update 2).

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2020-06-30 18:01).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.4.4.1 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 latest version 3.33.0dev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* New: 'Tetris game' sample.

## Contributed by Claudio Soto at the official HMG forum.

## (see in folder \samples\Applications\HMG\_Tetris)

## \* New: 'Launching a second copy of the program with a pending' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see demos in folder \samples\Advanced\PendingLaunch)

## \* Updated: MPM utility:

## - location of the config file mpm.ini was changed in an user Appdata

## folder to prevent of a requirement for administrator rights.

## Suggested by Ronald de Bruijn.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\MPM)

## 2020/07/01: HMG Extended Edition version 20.06 (Update 1).

## \* Fixed: Program crash at receiving of a Transparent property of RadioGroup

## control. Note that the above property will switched for a RadioGroup

## which was placed on a colored form only.

## Bug was reported by Ivanil Marcelino <ivanil/at/linkbr.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: The Transparent property of a Frame control into a colored TAB

## was not changed. It was a postponed modification.

## Problem was reported by Ivanil Marcelino <ivanil/at/linkbr.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\TAB)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.33.0dev (from 3.32.3).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## 2020/06/30: HMG Extended Edition version 20.06.

## \* Fixed: When loads a Grid control and 'ColumnControls' property

## is NIL then converts automatically any data type in a text type

## (introduced in the build 20.01 (update 3)).

## Problem was reported by HMG user Jimmy.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: The back color of a TAB control was not changed at runtime.

## Problem was reported by Ivanil Marcelino <ivanil/at/linkbr.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\TAB)

## \* Fixed: Pacified the C-warning "cast-function-type" in the MiniGUI core

## (was passed MinGW GNU C 10.1):

## - added the auxiliary C-function wapi\_GetProcAddress().

## It was a postponed modification.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: Added the useful function HMG\_SetMenuTheme() for setting of the

## predefined menu themes.

## Syntax:

## HMG\_SetMenuTheme( [ nType ][, cFormName ][, aUserDefined ] )

## where the 1st parameter nType may have the following values:

## - MNUCLR\_THEME\_DEFAULT;

## - MNUCLR\_THEME\_XP;

## - MNUCLR\_THEME\_2000;

## - MNUCLR\_THEME\_DARK;

## - MNUCLR\_THEME\_USER\_DEFINED.

## 3rd parameter aUserDefined is an array of user defined theme.

## Requested by Verchenko Andrey <verchenkoag/at/gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\MenuEx)

## \* Enhanced: A TREE control color was improved for loading a bitmap with

## a color depth 8 bpp. It is compatible with the Official HMG.

## Contributed by Zoltan Farkas <farkas.zoltan/at/upcmail.hu>

## (see demo in folder \samples\Basic\TreeMenu\_2)

## \* Updated: An old behavior of 'OnChange' event was restored in a Browse

## control (a new behavior was introduced in the build 19.12).

## It uses SET BROWSEUPDATEONCLICK ON command for a backward

## compatibility with an old code.

## Requested by Eladio Bravo <eladibravo/at/gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: function GetFormNameByHandle( hWnd, @cFormName, ;

## @cFormParentName ) --> Return nFormIndex;

## - New: function GetControlNameByHandle ( hWnd, @cControlName, ;

## @cFormParentName ) --> Return nControlIndex.

## Based upon a contribution of Claudio Soto <srvet/at/adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MoveResizeControl)

## \* New: 'HbCrypto' library contains (see source in folder \Source\HbCrypto):

## - Harbour interface to bcrypt password hashing;

## - BLAKE2s function wrapper (fast secure hash);

## - ED25519 wrappers;

## - Harbour interface to PBKDF2 password hashing;

## - Harbour interface to scrypt password hashing;

## - SHA3 function wrappers (secure hash).

## Based upon a contribution of Viktor Szakats (borrowed from 3.4 fork).

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: 'Bos Taurus' Graphics Library (see source in folder

## \Source\BosTaurus):

## - fixed the MinGW C-warning "cast-function-type".

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: 'HMG Debugger' library:

## - adapted to the recent Minigui core changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see source in folder \Source\Debugger)

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## \* Added the following optional styles in the PRINT LINE command:

## - STYLE DOTTED;

## - STYLE DASHED;

## - STYLE DASHDOT;

## - STYLE DASHDOTDOT.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\miniprint)

## \* Updated: HMG\_HPDF library (see source in folder \source\HMG\_HPDF):

## - New: Added the optional styles HPDFDOTTED, HPDFDASHED and

## HPDFDASHDOT to print line command.

## Syntax:

## @ <Row>, <Col> HPDFPRINT LINE TO ... ;

## [ STYLE HPDFDOTTED | HPDFDASHED | HPDFDASHDOT ]

## Requested by Marcelo A. L. Carli <malcarli/at/terra.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\PDF\_PRINT)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - minor correction of a font handling in the method AddSuperHead();

## - minor correction of a refreshing in the method DeleteRow();

## - minor correction of a phantom column's painting in the method

## DrawSelect().

## Contributed by Sergej Kiselev.

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 latest version 3.32.3.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: Modified the application manifest for compatibility with a recent

## heap implementation in Windows 10 (‘heapType’ element).

## This feature is supported in Windows 10, version 2004, and later.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see Windows10.Manifest in folder \Resources)

## \* Updated: 'Print Pie Graph' sample: updated the data for May 2020.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: The following samples were revised for compatibility with the

## recent Minigui modification:

## - menudemo2.prg in folder \samples\Basic\Menu;

## - \samples\Advanced\MenuEx;

## - \samples\Advanced\SetThemes;

## - \samples\Advanced\TransparentIcons.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: 'LetoDBf server&client testing' sample:

## - added a startup mutex to LetoDBf server code.

## Contributed by Sergej Kiselev

## (see in folder \samples\Advanced\LetoDBf\SERVER\SOURCE)

## \* Updated: 'TSBrowse Export data to XLS/XML/DOC/DBF files' sample:

## - improved export to XLS format via OLE.

## Contributed by Verchenko Andrey <verchenkoag/at/gmail.com>

## (see in folder \samples\Advanced\Tsb\_Export)

## \* Updated: 'Quick Browse Generator' utility:

## - adapted to the recent Minigui core changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\QBGen)

## 2020/06/03: HMG Extended Edition version 20.05 (Update 2).

## \* Updated: Pacified the warnings for the undefined constants in a C-code

## (was passed MinGW GNU C 10.1).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: Internal OOP: updated a scale table depending on a font size in

## the function oDlu2Pixel().

## Contributed by Sergej Kiselev

## (see demo in folder \samples\Basic\GetBox\_3)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added the new variables :nFromCol, :nToCol in the class TSBcell.

## Contributed by Sergej Kiselev.

## \* New: 'Enum Processes' sample by Claudio Soto.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\EnumProcesses)

## \* Updated: 'Dlu2Pixel Demo' sample without using of SET OOP ON command.

## Don't miss this very interesting example!

## Contributed by Sergej Kiselev

## (see in folder \samples\Basic\GetBox\_3)

## \* Updated: MPM utility:

## - fixed handling of a files association for compatibility with

## Windows 10.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\MPM)

## 2020/05/28: HMG Extended Edition version 20.05 (Update 1).

## \* Fixed: The function \_AddTabControl() did not show a 'Split Button' control

## after adding to the TAB. There was a wrong control position also.

## Reported by Ivanil Marcelino <ivanil/at/linkbr.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: Internal OOP: added a scale table depending on a font size in

## the function oDlu2Pixel().

## Suggested and contributed by Sergej Kiselev.

## \* New: 'DBF Pick List with a drag items feature' sample.

## Based upon a contribution of HMG user Jimmy.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\PICKLIST)

## 2020/05/26: HMG Extended Edition version 20.05.

## \* New: Added a new command for managing of the 'This' property at runtime:

## SET WINDOW THIS TO [<w>]

## where <w> may be a Form Name or a Form Index.

## Sample code:

## DEFINE WINDOW Form\_1 ...

## @ 10,10 BROWSE Browse\_1 ...

## END WINDOW

## ...

## Set Window This To "Form\_1" // set a new 'This' property

## This.Browse\_1.ColumnsAutoFit()

## This.Center()

## This.Activate()

## Set Window This To // restore a previous 'This' property

## Suggested and contributed by Sergej Kiselev.

## \* Enhanced: Added support of the PICTURE option to format the columns value

## in the Browse control. It is an optional feature.

## Contributed by Jan Szczepanik <jan-szczepanik/at/wp.pl>

## (see demo in folder \samples\Basic\BROWSE\_PICTURE)

## \* Enhanced: The 'Command Link' button may be placed now in the TAB container.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: The 'Split Button' control may be placed now in the TAB container.

## Requested by Ivanil Marcelino <ivanil/at/linkbr.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: Added the auxiliary function HMG\_Alert\_MaxLines() for managing of

## the height of the EditBox control in the function HMG\_Alert().

## The width and height of an Alert window cannot exceed now a visible

## desktop area.

## Suggested and contributed by Sergej Kiselev

## (see demo in folder \samples\Basic\WALERT\_2)

## \* Updated: Added the lNoSound parameter to the new Alert\* family functions

## to block an any sound effect at startup of the above functions.

## Syntax:

## - AlertInfo ( Message, Title, Icon, nSize, aColors, lTopMost, ;

## bInit, lNoSound );

## - AlertStop ( Message, Title, Icon, nSize, aColors, lTopMost, ;

## bInit, lNoSound );

## - AlertExclamation ( Message, Title, Icon, nSize, aColors, ;

## lTopMost, bInit, lNoSound ).

## Suggested and contributed by Sergej Kiselev.

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HBPrinter library v.2.50:

## - added possibility to print an image from a memory variable.

## Sample code: @ 20,20 PICTURE hBitmap SIZE 35,35

## Requested by Eladio Bravo <eladibravo/at/gmail.com>.

## Contributed by Ryszard Rylko <rrylko/at/cirow.pl>.

## \* Updated: PropGrid library v.2.0 (see source in folder \source\PropGrid):

## - Fixed: Bug in a Masked Float (double) item handling.

## Reported by Ivanil Marcelino <ivanil/at/linkbr.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo3.prg in folder \samples\Advanced\PropGrid)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - a minor correction in the method :AddColumn();

## - added ENUMERATOR correction for numbering of the visible columns

## only. Usage:

## nCnt := 1

## FOR EACH oCol IN oBrw:aColumns

## oCol:cSpcHeading := NIL

## IF oCol:lVisible

## oCol:cSpcHeading := hb\_ntos( nCnt++ )

## ENDIF

## NEXT

## - added calculation of a size for the AutoInc and DateTime fields

## in the method LoadFields();

## - added the new variable :lDrawLine in the TSBrowse class and

## the new variable :oCell in the TSColumn class;

## - enhanced auxiliary class TSBcell for a quick export of a data.

## Usage:

## WITH OBJECT oBrw

## :lDrawLine := .F.

## :GoTop()

## FOR nAt := 1 TO :nLen

## :DrawLine()

## FOR nCol := 1 TO :nColCount()

## oCol := :aColumns[ nCol ]

## ? "..", nCol, oCol:cName, Valtype(oCol:oCell:uValue), ;

## oCol:oCell:uValue, oCol:oCell:cValue

## NEXT

## :GoDown()

## NEXT

## :lDrawLine := .T.

## :Reset()

## END WITH

## - added the new variable :nCellMarginLR and a new method

## CellMarginLeftRight() in the TSBrowse class.

## Contributed by Sergej Kiselev

## (see demo5.prg in folder \samples\Advanced\Tsb\_Array\_2)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 latest version 3.32.1.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: HMGS-IDE v.1.4.4.1 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look for what's new at changelog.txt in folder \Ide)

## \* Updated: 'Circle Progress Animation' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\CircleProgressAnimation)

## \* Updated: 'Console+GUI mixed mode' sample:

## - added compilation via a batch file build.bat.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\MixedMode)

## \* Updated: The Russian comments were replaced with an English translation

## in the following samples:

## - \samples\Basic\ScreenMode;

## - \samples\Basic\WAIT\_WINDOW\_2;

## - \samples\Advanced\7-Zip;

## - \samples\Advanced\APP\_OOPEVENTS;

## - demo.prg in folder \samples\Advanced\APP\_OOPREPORT;

## - demo2.prg in folder \samples\Advanced\bColor;

## - \samples\Advanced\DirTree;

## - \samples\Advanced\FreeImage;

## - \samples\Advanced\FreeImage\_2;

## - \samples\Advanced\Tsb\_4bases.

## Contributed by Anand K Gupta.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## 2020/04/30: HMG Extended Edition version 20.04.

## \* Fixed: Problem with assigning of the BKBRUSH clause at a form definition

## (introduced in the build 19.12).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Slider)

## \* Fixed: A correction in the function \_SetValue() for a conflict between

## the Timer and AniGif controls handling.

## Contributed by Ivanil Marcelino <ivanil/at/linkbr.com.br>.

## \* Fixed: A correction for the font attributes handling in SplitButton control.

## Contributed by Ivanil Marcelino <ivanil/at/linkbr.com.br>

## (see demo in folder \samples\Advanced\SplitButton)

## \* New: The Label, HyperLink, CheckBox and RadioGroup controls support

## changing the 'Transparent' property at runtime.

## You can set/get this property with

## - function syntax:

## SetProperty( FormName, ControlName, 'Transparent', .T. )

## lTransparent := GetProperty( Form, Control, 'Transparent' )

## - pseudo-OOP syntax:

## FormName.ControlName.Transparent := .F.

## FormName.ControlName.Transparent --> logical value

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Label)

## \* New: The EDIT controls family (TEXTBOX & EDITBOX) support changing

## the 'CaseConvert' property at runtime.

## You can set/get this property with

## - function syntax:

## SetProperty( FormName, ControlName, 'CaseConvert', cCase )

## GetProperty ( Form, ControlName, 'CaseConvert' ) --> cCase

## - pseudo-OOP syntax:

## FormName.ControlName.CaseConvert := cCase

## FormName.ControlName.CaseConvert --> cCase

## where

## cCase may be 'UPPER', 'LOWER' or 'NONE'.

## Usage:

## Form\_1.Edit\_1.CaseConvert := "LOWER"

## Form\_1.Edit\_1.Value := "New Edit Value"

## It was a postponed user's request.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: The MONTHCAL control supports the BackColor, FontColor and

## others color clauses in the THEMED Operating Systems.

## It was a postponed user's request.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Basic\MONTHCAL)

## \* Enhanced: Improved user type of control in INPLACE EDIT of GRID control.

## Based upon a contribution of Adam Lubszczyk <adam\_l@poczta.onet.pl>

## DYNAMIC type is defined as { cControlType, bCodeBlock [, bChange] }

## where cControlType = 'DYNAMIC' (Required)

## bCodeBlock = CodeBlock that return array with normal type control

## (Required)

## bChange = CodeBlock with ON CHANGE action (Optional)

## to above CodeBlock is passed one param - a current control value.

## Added a new control type 'CODEBLOCK' for using with 'DYNAMIC' type.

## Contributed by Ivanil Marcelino <ivanil/at/linkbr.com.br>.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Basic\Grid\_Usertype\_2)

## \* Enhanced: The ANIMATEBOX control supports now an optional INVISIBLE clause.

## Requested by Sylvain Larche.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: The FONT clause in the POPUP and MENUITEM commands supports

## a font name for the fonts which were defined by the command

## DEFINE FONT <font> FONTNAME <name>.

## Contributed by Ivanil Marcelino <ivanil/at/linkbr.com.br>

## (see demo in folder \samples\Advanced\MenuEx)

## \* Modified: Limited the height of the dialog box in the function HMG\_Alert()

## to be able to output more than 20 strings in the EditBox control.

## Requested by Verchenko Andrey <verchenkoag@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\WALERT\_2)

## \* Modified: PLAYER: the helpful functions were moved from the samples to

## MiniGUI core:

## - aSize := GetAviFileSize( <cFileName> ) ;

## - aSize := GetAviResSize( <cResName> ).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in the folders \samples\Basic\PLAYER\_1 and

## \samples\Basic\ANIMATEDEMO\_2)

## \* Modified: The HMG Debugger resources were moved from the sample DBG\_TEST

## to the application resources.

## Suggested by Pierpaolo Martinello <pier.martinello[at]alice.it>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see minigui.rc in folder \Resources)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - misc formatting and fixing.

## Contributed by Sylvain Larche.

## - a datepicker calendar will showed at an editing of a date field

## instead of the updown arrows. Added ::lUpDown variable for

## enable/disable of the above mode in the inplace editing.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## Added the following optional clauses to DEFINE TBROWSE command:

## - New: COLSEMPTY clause means to assign

## oCol:lEmptyValToChar := .T.

## for all columns of a TBROWSE control.

## - New: GOTFOCUSSELECT clause means to assign

## oCol:lOnGotFocusSelect := .T.

## for all edited columns of a TBROWSE control.

## - Enhanced: LOADFIELDS clause allows to load an array with using of

## the method SetArrayTo() at startup of a TBROWSE control.

## Contributed by Sergej Kiselev.

## (see demo3.prg in folder \samples\Advanced\Tsb\_Array\_2)

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2020-04-20 15:01):

## \* Modified: added a C-switch for a safe lock of the .fpt memo files.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 latest version 3.32.0dev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* New: 'Usage of the built-in ZIP support of Windows' sample.

## Based upon a contribution of HMG user Jimmy.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Zip\_4)

## \* New: 'TsBrowse SetArray for Сlipboard' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see demo4.prg in folder \samples\Advanced\Tsb\_Array\_2)

## \* Updated: 'Cas\_dbf' sample: added an enhanced demo with Tsbrowse search.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Basic\Database)

## \* Updated: 'TsBrowse Monthly Calendar with the dates marking at runtime'

## sample: transformed to completed function with multiselect feature

## GetDates([lMultiple][, dInit][, nBoW]) --> adDates | dDate.

## Usage:

## dDate := GetDates( .F., Date(), 2 ) returns a date in German format

## aDates := GetDates() returns an array of dates in American format

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## (see demo.prg in folder \samples\Advanced\Tsb\_calendar)

## \* Updated: 'TsBrowse Incremental search' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\Tsb\_filter)

## \* Updated: 'Sqlite browser' utility:

## - a code cleaning for warnings with Harbour switch -w2.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## (see in folder \Utils\SqlDBU)

## \* Updated: The C-warnings were pacified in the following samples:

## - \samples\Advanced\CDejector;

## - demo.prg in folder \samples\Advanced\ExternalApp;

## - \samples\Advanced\FrameWork;

## - \samples\Advanced\GetPassword;

## - chart\_pie.prg in folder \samples\Advanced\HbXlsxWriter;

## - \samples\Advanced\MemInfo;

## - \samples\Advanced\READ\_SECTION;

## - \samples\Advanced\RichEditEx;

## - \samples\Advanced\RichEditEx\_2.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## 2020/03/31: HMG Extended Edition version 20.03.

## \* Fixed: Problem with assigning of the 'Default' property in the ButtonEx

## control (introduced in the past releases).

## Bug was reported by Pierpaolo Martinello.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\ExtractIcon)

## \* New: Added the new useful C-function dbInsert( [nRecNo] [, nCount] ).

## This function insert a new record into the database in the

## selected or aliased work area. All fields in that database

## will be given empty data values - character fields will be

## filled with blank spaces, date fields with hb\_SToD(),

## numeric fields with 0, logical fields with .F., and memo fields

## with NULL bytes. The header of the database is not updated until

## the record is flushed from the buffer and the contents are

## written to the disk.

## This function returns a logical true (.T.) if the operation was

## successful. If not, the function will return a logical false (.F.).

## Added the new commands for managing of the above function:

## - INSERT BEFORE;

## - INSERT BLANK.

## Based upon a contribution of Pavel Tsarenko <tpe2[at]mail.ru>

## (see demo in folder \Utils\mgDBU)

## \* Enhanced: Splitboxed TOOLBAR control supports the changing of a 'Caption'

## property at runtime.

## You can set/get this property with

## - function syntax:

## SetProperty ( FormName, ToolBarName, 'Caption', cCaption )

## cCaption := GetProperty ( FormName, ToolBarName, 'Caption' )

## - pseudo-OOP syntax:

## FormName.SplitBox.ToolBarName.Caption := cCaption

## FormName.ToolBarName.Caption := cCaption

## Requested by Ivanil Marcelino.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\CONTAINERS\TOOLBAR)

## \* Enhanced: Added support of the 'Variant' fields type in a Browse control.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \Utils\DBA)

## \* Enhanced: The Getbox control may manage a 'ValidMessage' property.

## You can set/get this property at runtime:

## - function syntax:

## SetProperty ( Form, GetBox, 'ValidMessage', cValidMessage )

## GetProperty ( Form, GetBox, 'ValidMessage' ) --> cValidMessage

## - pseudo-OOP syntax:

## Form.GetBox.ValidMessage := cValidMessage

## Form.GetBox.ValidMessage --> cValidMessage

## Based upon a contribution of Jacek Kubica <kubica@wssk.wroc.pl>

## (see demo in folder \samples\Basic\GetBox)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: Added the following read/write properties for a Grid control:

## - ColumnJUSTIFY( nColIndex ),

## - ColumnONHEADCLICK( nColIndex ),

## - ColumnCONTROL( nColIndex ),

## - ColumnDYNAMICBACKCOLOR( nColIndex ),

## - ColumnDYNAMICFORECOLOR( nColIndex ),

## - ColumnVALID( nColIndex ),

## - ColumnWHEN( nColIndex ),

## - ColumnVALIDMESSAGE( nColIndex ).

## You can set/get these properties with

## - function syntax:

## SetProperty( FormName, GridName, 'ColumnJUSTIFY', nCol, 2 )

## GetProperty( FormName, GridName, 'ColumnJUSTIFY', nCol ) --> nJust

## - pseudo-OOP syntax:

## FormName.GridName.ColumnJUSTIFY( nCol ) := GRID\_JTFY\_CENTER

## FormName.GridName.ColumnJUSTIFY( nCol ) --> numeric value

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo5.prg in folder \samples\Basic\Grid\_Test)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added support of a semicolon in the multi-line heading and footing

## like this "Line1;Line 2".

## Contributed by Sylvain Larche.

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 latest version 3.32.0dev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2020-03-24 23:34).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.4.4.0 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'How to add a skin for a Grid control' sample.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo2.prg in folder \samples\Basic\Grid\_5)

## \* Updated: 'MiniGUI ToolBar demo' sample.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo1.prg in folder \samples\Basic\CONTAINERS\TOOLBAR)

## \* Updated: 'Get DIR List' sample: a fix in the function HL\_GetDriveList().

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Basic\DirList)

## \* Updated: 'NetIO Server and Client Test' sample was enhanced as following:

## - use of passwords in connection;

## - password management with masking and unhidden state;

## - bilingual program;

## - colors and effects on the buttons in the Configuration form;

## - embedded Ip Tune utiliy.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Advanced\NETIO\_2)

## \* Updated: 'EZ Lines v.1.2.3' sample:

## - using of the function HMG\_SysWait() instead of a simple inkey(.1).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\EZ\_Lines)

## \* Updated: 'A simple game of finding pairs' sample: code formatting.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\Pares)

## \* Updated: 'Harbour librarian' utility: a minor correction.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\HB\_LIB)

## \* Updated: The C-warnings were pacified in the following samples:

## - \samples\Basic\ComboEx;

## - \samples\Basic\ComboEx\_2;

## - demo2.prg in folder \samples\Basic\GETFONT;

## - \samples\Advanced\ATOMIC\_TIME;

## - \samples\Advanced\PrintRAW;

## - \samples\Advanced\Tone;

## - \samples\Advanced\UserPaperSize;

## - \samples\Advanced\VIEW\_IMAGE;

## - demo.prg in folder \samples\Advanced\VOLUME\_INFO;

## - \samples\Applications\ClipbrdClear.

## It was a postponed correction.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## 2020/02/28: HMG Extended Edition version 20.01 (Update 7).

## \* Fixed: Removed a wrong idea which was introduced in the update 4.

## There is a conflict between the SplitBox's Parent Window and

## Virtual Dimensioned definition.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added the new variables in the codeblock :bPrevEdit similar to

## a processing of the codeblock :bDecode.

## Contributed by SergKis

## \* Updated: 'GuiDes Visual Form Designer (Release 0.4.1)' by Carlos Andres

## from https://www.oocities.org/harbour\_links/guides:

## \* TAB control has been added with BOTTOM, MULTILINE and BACKCOLOR

## clauses.

## \* The others fixes and enhancements.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\GuiDes)

## 2020/02/25: HMG Extended Edition version 20.01 (Update 6).

## \* Fixed: Removed ButtonEx`s flickering at a MOUSEHOVER event.

## Contributed by Milomir Zecevic <zeka/at/bnbos.rs>

## (see menulist\_2.prg in folder \samples\Advanced\MenuList)

## \* Fixed: Minor fix for a wrong resize of aJust array when aFields array is

## an empty at a BROWSE definition.

## Problem was reported by Ivanil Marcelino <ivanil/at/linkbr.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 latest version 3.32.0dev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: 'My DBF Browse' sample:

## - added using of the new function ListView\_CalculateSize().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\BROWSE\_8)

## \* New: 'GuiDes Visual Form Designer (Release 0.4.0)' by Carlos Andres from

## https://www.oocities.org/harbour\_links/guides.

## It is a compact utility with a support of the styles for appls and

## using of the OOP paradigm.

## Whatsnew:

## \* Build of GuiDes application with the Harbour's hbmk2 tool.

## \* The all warnings were pacified for Harbour error level 3.

## \* Added a simple test example for the internal DBTOOL.

## \* The others fixes and enhancements.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\GuiDes)

## 2020/02/19: HMG Extended Edition version 20.01 (Update 5).

## \* Enhanced: The GRID control supports the optional AUTOSIZEHEIGHT <nRow> and

## AUTOSIZEWIDTH <.T.|.F.> clauses at his definition.

## It based upon a new function ListView\_CalculateSize() which

## calculates the width and height required to display a given number

## of rows of a ListView control.

## Parameters:

## nNumberOfRows - The number of rows to be displayed in the control.

## Set to -1 (the default) to use the current number of rows in the

## ListView control.

## nWidth, nHeight - [Output, Optional] The calculated width and height

## of ListView control.

## Returns: An integer that holds the calculated height needed

## to display the rows, in pixels.

## If the output variables are defined (nWidth and nHeight), the

## calculated values are also returned in these variables.

## The final result (in most cases) is a ListView control that is the

## exact size needed to show all of the specified rows and columns

## without showing the horizontal or vertical scroll bars.

## Remark: If the requested number of rows is less than the actual

## number of rows, the horizontal and/or vertical scroll bars may show

## as a result.

## Requested by Jimmy on the official HMG forum.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo4.prg in folder \samples\Basic\Grid\_Test)

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2020-02-10 15:34).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: 'How to set/get a number of visible rows in a Grid control' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo4.prg in folder \samples\Basic\Grid\_Test)

## \* Updated: 'ListView with Extended styles' sample: the minor fixes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ListViewEx)

## \* Updated: 'Process Information' sample is based on the ProcInfo library:

## - using of the new function ListView\_CalculateSize() from the Minigui

## core instead of a local implementation.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ProcInfo)

## \* Updated: 'Low Level DBU' utility:

## - using of the AUTOSIZEHEIGHT and AUTOSIZEWIDTH clauses in the GRIDs.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\LL\_DBU)

## 2020/02/12: HMG Extended Edition version 20.01 (Update 4).

## \* Modified: The width and height of the MAIN, CHILD and MODAL windows cannot

## exceed now a visible desktop area.

## Suggested and contributed by Sergej Kiselev.

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## Added the following optional clauses to DEFINE TBROWSE command:

## - New: LOADFIELDS clause means to launch the method LoadFields()

## for a database at startup of a TBROWSE control.

## - New: BRUSH clause to define your background for the columns.

## Usage: BRUSH <aBrush>, where aBrush is an array {nR, nG, nB}.

## - New: COLSADJUST clause for adjusting of the columns with the

## method AdjColumns(). If you define ADJUST clause only then an

## adjusting will be apply for the ALL columns.

## Usage: COLSADJUST <aColumns>

## - New: COLNAMES clause to define your own names for the columns.

## Usage: COLNAMES <aNames>, where <aNames> is a character array.

## - New: FOOTERS clause to define your footers for the columns.

## FOOTERS <.T.> means to define the empty footers.

## Usage: FOOTERS <aFooters>, where <aFooters> is a character array.

## - New: EDITCOLS clause to define your editable columns.

## Usage: EDITCOLS <aEdit>, where <aEdit> is a logical array.

## - New: FIXED clause to define a "double cursor" (permanent) efect

## into a CELLED browse.

## - New: COLNUMBER clause to define an additional serial number column.

## Usage: COLNUMBER <number>, where <number> is a column's number.

## COLNUMBER <.T.> means a default column's number (equal to 1);

## COLNUMBER <.F.> means no add this additional column;

## COLNUMBER { <number>, <nWidth> } can be used to assign the above

## column's width.

## Thanks a lot to Sergej Kiselev for this GREAT improvements!

## (see demo in folder \samples\Advanced\Tsb\_exchange\_rate)

## \* New: 'Exchange rate of the Central Bank of the Russian Federation' sample:

## - using of TXMLDocument class for a parsing of authorized XML file.

## Contributed by Sergej Kiselev and Igor Nazarov

## (see in folder \samples\Advanced\Tsb\_exchange\_rate)

## 2020/02/06: HMG Extended Edition version 20.01 (Update 3).

## \* Fixed: A mistake in the header file i\_tab.ch related to the Redefine Tab

## command (introduced in the past releases).

## Bug was reported by Pete D. <pete\_westg/at/yahoo.gr>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Dialog)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - Modified: when loads a Grid control and 'ColumnControls' property

## is NIL then converts automatically any data type in a text type,

## this avoids that column appears with the empty values.

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo4.prg in folder \samples\Basic\Grid\_Test)

## \* Updated: Adapted the Harbour contrib library hbnulrdd for usage with

## Minigui Ex library (see source in folder \Source\hbnulrdd).

## This allows you to reduce the executable file size by 34 kB if the

## ANNOUNCE RDDSYS command was used on top of a main module.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \Utils\MPM)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.32.0dev (from 3.31.1).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## 2020/02/03: HMG Extended Edition version 20.01 (Update 2).

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - Fixed: 'HeaderImages' property for Grid and Browse controls was

## not showed automatically after the above controls definition.

## This property is a character array containing image filenames or

## resource names (one for each column).

## Problem was reported by Ivanil Marcelino <ivanil/at/linkbr.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\BROWSE\_8)

## (see demo.prg in folder \samples\Basic\Grid\_Test)

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2020-01-31 15:34).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: 'Sort Grid Columns' sample:

## - using of standard OnInit event instead of tricky OnGotFocus event.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\HeaderImage)

## 2020/01/30: HMG Extended Edition version 20.01 (Update 1).

## \* Fixed: Program crash at a creation of a ComboBox[Ex] with no character

## 'ItemSource' property and SQLMIX RDD usage.

## Problem was reported by Jayadev <jayadev65/at/yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\OdbcDD)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.31.1 (from 3.31.0).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: 'Circle Magic' sample.

## Based upon a contribution of S.Rathinagiri <srgiri@dataone.in>

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\Circle\_Magic)

## \* Updated: 'MessageBox Button Hook Usage' sample:

## Syntax: MsgBtnEx( cMsg, cTitle, nStyle [, cBtnCaption] ) --> nReturn

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\MsgBtnEx)

## HMG 20.01 Extended Edition

## 2020/01/28:: Build 100

## \* New: Added the new C-function C\_SaveHIconToFile( cIconName, { hIcon1, ... } )

## for saving a multipages icon to a disk file.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo3.prg in folder \samples\Basic\ExtractIcon)

## \* New: Added the new useful C-functions

## - ShowBalloonTip ( hWnd, cText [ , cTitle ] [ , nTypeIcon ] )

## - HideBalloonTip ( hWnd )

## for displaying a balloon tip associated with an edit control.

## Based upon a contribution of Pete D. <pete\_westg/at/yahoo.gr>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\ShowBalloonTip)

## \* New: Added the useful C-function aHWnds := EnumWindows()

## for retrieving of an array of the external windows handles.

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\ProcInfo)

## \* Enhanced: Added the optional ON INIT <bBlock> clause to a TextBox control.

## Example:

## DEFINE TEXTBOX Text\_1

## ...

## ON INIT This.Enabled := .F.

## END TEXTBOX

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: Added a readonly property 'ColumnCount' for Browse/Grid;

## - New: Added a read/write property 'ColumnDisplayPosition' for

## Browse and Grid controls.

## You can set/get the above property with

## - function syntax:

## SetProperty( Form, Control, 'ColumnDisplayPosition', nCol, nPos )

## GetProperty( Form, Control, 'ColumnDisplayPosition', nCol ) --> nPos

## - pseudo-OOP syntax:

## FormName.CtrlName.ColumnDisplayPosition( nCol ) := nDisplayPos

## FormName.CtrlName.ColumnDisplayPosition( nCol ) --> numeric value

## Based upon a C-code contributed by Petr Chornyj which

## fixes GPF in the official version (hb\_xfree must be used

## for hb\_xgrab memory).

## (see demo in folder \samples\Advanced\SortColumns)

## - New: Added the following properties for Forms:

## - ThisWindow | <FormName>.AlphaBlendTransparent := nAlphaBlend

## (0 to 255, Completely Transparent = 0, Opaque = 255);

## - ThisWindow | <FormName>.BackColorTransparent := aRGBColor.

## (see demos in folder \samples\Advanced\Transparency)

## Adapted by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: The main batch file was modified with a minor correction.

## Suggested and contributed by John Ward

## (see Compile.bat in folder \Batch)

## \* Updated: RDDLeto client library by Rolf 'elch' Beckmann:

## - fixed C-API LetoDbCreateAlias() introduced in 2019-05-09 15:25;

## - implemented client access to index positioning functions:

## DbOrderInfo( DBOI\_RELKEYPOS, [<xOrd>], [<cIndexFile>] ) -><nPos>

## DbOrderInfo( DBOI\_RELKEYPOS, [<xOrd>], [<cIndexFile>], <nNewPos> )

## Based upon a contribution of Aleksander Czajczynski

## (see demo in folder \samples\Advanced\LetoDBf)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.31.0 (from 3.31.0dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2020-01-13 19:15):

## \* New: Added the Harbour HbMxml contrib library is based upon

## the Mini-XML library 2.7 by Michael R Sweet

## (https://www.msweet.org/mxml).

## Requested by Wolfgang <wolfi10034/at/gmail.com>.

## \* Updated: OpenSSL wrapper for using of the version 1.0.2u.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.4.3.9 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'Get Windows By Type' sample.

## Based upon a contribution of HMG user Edward.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\GetWindowsByType)

## \* New: 'Simple Error Handling' sample.

## Based upon a contribution of Bicahi Esgici <esgici@gmail.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Hmg\_Error\_2)

## \* New: 'Example of integrating of HMG controls in Harbour' sample.

## Based upon a contribution of Ashfaq Sial for GTWVW.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\HMGclip)

## \* New: 'GDI+: Save Image To File' sample.

## Based upon a code borrowed from OOHG.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\GdiPlus\_2)

## \* Updated: 'Console to GUI data exchange usage' sample:

## - updated for compatibility with BCC 5.8.2 compiler.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\COMM\_2)

## \* Updated: 'hb\_DirScan function usage' sample: minor modifications.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\DirSelect)

## \* Updated: 'Print Pie Graph' sample: updated the data for December 2019.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'Icons usage from a Dll':

## - added saving of the icon resources to a disk file.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\Icons)

## \* Updated: 'Multiple Combined Search Box' sample: minor improvements.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Advanced\CombinedSearchBox)

## \* Updated: 'Sort of Columns in Browse/Grid controls' sample:

## - updated for compatibility with the latest Minigui core changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\SortColumns)

## \* Updated: 'TsBrowse Add New Record with Index Order' sample:

## - updated for compatibility with BCC 5.8.2 compiler.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\Tsb\_addrecord\_3)

## \* Updated: 'XMas Lights' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\XMasLights)

## \* Updated: 'Quick Browse Generator' utility:

## - adopted to the recent Minigui core changes.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \Utils\QBGen)

## HMG 19.12 Extended Edition

## 2019/12/122: Build 99

## \* Fixed: The 'OnChange' event fired by a mouse click in a Browse control

## without changing of the row. It exists in the official version too.

## Sanmple code for investigating of the above bug:

## @ 10, 10 BROWSE Browse\_1 WIDTH 600 HEIGHT 400 ;

## HEADERS aHeaders ;

## WIDTHS aWidths ;

## WORKAREA Test ;

## FIELDS aFields ;

## ON CHANGE MsgBox( "ON\_CHANGE" ) ;

## ON DBLCLICK MsgBox( "ON\_DBLCLICK" )

## It will show the wrong message "ON\_CHANGE" at in-line mouse double

## click instead of the expected message "ON\_DBLCLICK".

## Problem was reported at official HMG forum.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: A potential RTE at using of a TRANSPARENT checkbox control into

## SplitChild window.

## Problem was reported by Ivanil Marcelino <ivanil@linkbr.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: Revised GdiPlus.dll system library handling:

## - added the new function

## HMG\_SaveImage( FileName, cOutName [, cEncoder] [, nJpgQuality] ;

## [, aOutSize] ),

## where cEncoder parameter may be "BMP", "JPEG", "PNG", "GIF" or

## "TIFF" value ("BMP" is a default).

## Sample code:

## lResult := HMG\_SaveImage( cBmp, cJpg, "JPEG", nQ ) // Save to JPEG

## If ! lResult // An error occured

## MsgStop( "Conversion did not succeed!", "Error" )

## EndIf

## Based upon a contribution of Petr Chornyj <myorg63/at/gmail.com>.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\GdiPlus)

## \* Enhanced: The Image control supports now ICON images from the resources via

## using of a dynamic loading of the system library GdiPlus.dll.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\RCfiles)

## \* Enhanced: The CHECKBOX, FRAME and RADIOGROUP controls supports the FontColor

## and BackColor properties in the THEMED Operating Systems.

## It was a postponed user's request.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\CheckLabel\_2)

## \* Enhanced: The PROGRESSBAR control supports the ForeColor and BackColor

## properties at a definition in the THEMED Operating Systems.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo3.prg in folder \samples\Basic\PROGRESSBAR)

## \* Modified: The function InputWindow() supports now an optional 11th logical

## parameter to use a Switcher control for a managing of the logical

## variables (default value is false).

## Requested by Pete D. <pete\_westg/at/yahoo.gr>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\InputWindow)

## \* Enhanced: The internal function ErrorMessage() will return an information

## about the mistaked arguments of calling function from error object.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: The minor modification of a data value position in the BAR GRAPH.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see GraphPrint.prg in folder \samples\Basic\GraphPrint)

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added the new variable :lMoreFields in the TSBrowse class;

## - added the new method MoreFields( nMsg, nWParam ).

## Contributed by SergKis

## (see demo in folder \Utils\mgDBU)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 latest version 3.31.0dev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2019-12-03 11:42).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.4.3.8 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'Show an image from a BLOB file' sample.

## Based upon a code borrowed from OOHG.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\BLOBfiles)

## \* New: 'Use CheckLabels similar to RadioGroup' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Basic\CheckLabel\_RadioGroup)

## \* New: 'FocusedWindow semi-OOP Usage' sample.

## Based upon a contribution of HMG user Edward.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\getFocusedForm)

## \* New: 'Draw a graph and print it' sample.

## Based upon a code borrowed from OOHG.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo3.prg in folder \samples\Basic\GraphPrint)

## \* New: 'InputWindow Function Usage' sample.

## Based upon a code borrowed from OOHG.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\InputWindow)

## \* New: 'Png To Jpeg conversion' sample:

## - using of the new function HMG\_SaveImage() instead of the

## BosTaurus library for saving of a BMP image to JPEG format.

## Contributed by Grigory Filatov <gfilatov@inbox.ru> and expanded

## by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo2.prg in folder \samples\Advanced\BmpToJpg)

## \* New: 'USB Stick Arrive / Remove' sample.

## Based upon a contribution of HMG user Edward.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\USB\_Detect)

## \* Updated: MAINDEMO (SYNTAX I) sample:

## - using of the new function HMG\_SaveImage() instead of the

## BosTaurus library for saving of a BMP image to PNG format.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see at folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Updated: 'GDI Plus' sample:

## - modified for compatibility with a recent Minigui improvement.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\GdiPlus)

## \* Updated: 'Get File Properties with using of WMI' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo3.prg in folder \samples\Advanced\WMI\_Service)

## \* Updated: 'MiniGUI DataBase Utility' sample:

## - added workaround for navigation without freezing/crashing in

## a multicolumn TBrowse control (database with more 45 fields).

## Based upon a contribution of Sergej Kiselev

## (see in folder \Utils\mgDBU)

## 2019/10/30: HMG Extended Edition version 19.10 (Update 2).

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.31.0dev (from 3.30.1).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2019-09-11 10:16):

## \* the hbrdd and hbrtl core libraries were compiled with the default

## switch -l for a smallest size.

## Note: the minimal supported platform is Windows XP now.

## The recommended platforms are Windows 7 and later.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.4.3.7 Project Manager and Two-Way Visual Form Designer:

## \* Changed: the default C-compiler is BCC 5.8 now instead of BCC 5.5.

## \* Updated: in mpmc.prg use Harbour contrib hbziparc library instead

## of obsolete ziparchive library.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \Ide\Samples\Zip)

## \* Updated: MPM and MPMC utilities will use Harbour contrib hbziparc library.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folders \Utils\MPM and \Utils\MPMC)

## 2019/10/25: HMG Extended Edition version 19.10 (Update 1).

## \* Fixed: Problem with a handling of 'Transparent' property of a label

## which was placed on top of an image (introduced in the build 19.10).

## Bug was reported by Valtecom Jose Martins.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: ButtonEx: using of the Harbour function hb\_tokenCount()

## instead of a local implementation.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo3.prg in folder \samples\Basic\ButtonEx)

## \* Enhanced: Added the Metro color's constants to the header file

## include\i\_color.ch.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HBPrinter library v.2.48:

## - modified toolbar buttons placing in the Preview form and a look

## of Options dialog;

## - updated Greek language translation.

## Based upon a contribution of Pete D. <pete\_westg/at/yahoo.gr>.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\HBPrinter)

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2019-09-11 10:16):

## \* Updated: OpenSSL wrapper for using of the version 1.0.2t.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Circle Progress Animation' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\CircleProgressAnimation)

## HMG 19.10 Extended Edition

## 2019/10/22: Build 98

## \* New: Added the new commands for managing of the Splash Windows:

## INIT SPLASH WINDOW

## SHOW SPLASH WINDOW PICTURE <image> ;

## [ DELAY <delay> ] ;

## [ ON INIT <InitProcedure> ] ;

## [ ON RELEASE <ReleaseProcedure> ]

## where <image> may be BMP, JPG, PNG, GIF or TIF image

## from application's resources or from a disk file.

## Note that above command should be launched at ON INIT event

## of a MAIN form.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\SPLASHDEMO)

## \* New: Added the new commands for tuning of the Status Items

## properties at runtime:

## SET STATUSITEM <nItem> OF <Form> ;

## [ FONTCOLOR | BACKCOLOR | ALIGN | ACTION ] [ TO ] <xValue>

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Basic\Status)

## \* New: Added the useful pseudo-function HMG\_SysWait( [ <nSeconds> ] )

## which is based upon the Harbour function hb\_idleSleep().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\TestMP3Info)

## \* Modified: The first code refactoring attempt was made using of the

## individual modules for:

## - the extended and owner-draw controls;

## - the filenames management functions;

## - the nonclient C-functions;

## - the databases conversion auxiliary functions.

## Requested by Pete D. <pete\_westg/at/yahoo.gr>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: The normal stringify result markers <""> was changed to smart

## stringify result markers <()>. It allows to define the forms and

## controls from a variable without using of a macro operator, i.e.

## (cVar) instead of &cVar. It was a postponed user's request.

## Sample code:

## #include "minigui.ch"

## PROCEDURE Main

## DEFINE WINDOW Win\_1 TITLE 'Hello World!' MAIN

## @ 10,10 TEXTBOX Txt\_1

## @ 40,10 BUTTON But\_1 CAPTION "Set Value" ;

## ACTION SetTxtValue( "Win\_1", "Txt\_1" )

## END WINDOW

## ACTIVATE WINDOW Win\_1

## RETURN

## PROCEDURE SetTxtValue( cMainWin, cTxtControl )

## DECLARE WINDOW &(cMainWin) // needed declaration

## &(cMainWin).(cTxtControl).Value := "Hello"

## RETURN

## Note:

## HMG\_Alert() and InputWindow() functions uses these new features.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\ShowPassword)

## \* Modified: Adaptation of MiniGUI core for compatibility with BCC 5.8.2

## compiler. It is a preferable C-compiler now instead of BCC 5.5.1.

## Requested by Joe Fanucchi <drjoe[at]meditrax.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: The ButtonEX control supports now an optional clause

## HOTKEY <KeyName>.

## Requested by Verchenko Andrey <verchenkoag@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder\samples\Basic\Button\_Hotkey)

## \* Enhanced: The ButtonEX control supports now the 'ImageWidth' and

## 'ImageHeight' properties.

## You can set/get these properties with

## - function syntax:

## SetProperty ( Form, ButtonEX, 'ImageWidth', nImageWidth )

## GetProperty ( Form, ButtonEX, 'ImageWidth' ) --> nImageWidth

## GetProperty ( Form, ButtonEX, 'ImageHeight' ) --> nImageHeight

## - pseudo-OOP syntax:

## FormName.ButtonExName.ImageWidth --> numeric value

## FormName.ButtonExName.ImageHeight --> numeric value

## FormName.ButtonExName.ImageHeight := nImageHeight

## Suggested by Sergej Kiselev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\ButtonEx\_DynamicMenu)

## \* Enhanced: The 'Icon' property in ButtonEX control may accept an icon handle.

## You can set this property at runtime:

## - function syntax:

## SetProperty ( FormName, ButtonName, 'Icon', hImage )

## - pseudo-OOP syntax:

## FormName.ButtonName.Icon := hImage

## where the icon handle was loaded with

## hImage := LoadIconByName( cImageName, w, h )

## Requested by Verchenko Andrey <verchenkoag@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\ButtonEx\_DynamicMenu)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: function IsContextMenuDefined ( cFormName );

## - New: function IsNotifyMenuDefined ( cFormName ).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MENU\_Dynamic)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - New: Added the new variables :nEditRow, :nEditCol, :nEditHeight,

## nEditAlign and :cEditPicture in the TSColumn class;

## - minor correction in the method SetArrayTo in the TSBrowse class.

## Contributed by Sergej Kiselev

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.30.1 (from 3.30.0dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbCurl library:

## - update for using Curl package version 7.66.0 (10 Sep 2019).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2019-09-11 10:16).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'ANIMATE Switch' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo3.prg in folder \samples\Basic\ANIMATEDEMO)

## \* New: 'Dynamic menu with resized font and button images' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Basic\ButtonEx\_DynamicMenu)

## \* New: 'Extended Dynamic Context Menu' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see menudemo6.prg in folder \samples\Basic\Menu)

## \* New: 'QR Code images decoding' sample is based on ZBar Bar Code Reader

## at http://zbar.sourceforge.net/.

## Note: ZBar installer is avaialble in the auxiliary add-on binary

## archive at the Minigui site.

## Don't miss this very interesting example!

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Advanced\QrDecode)

## \* Updated: 'Print Pie Graph' sample: updated the data for September 2019.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'Compare of command Draw Graph versus Graph Bitmap' sample:

## - modified for compatibility with a recent Minigui improvement.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\GraphPrint\_Bitmap)

## \* Updated: MsgMenu sample by Carlos Britos <bcd12a[at]yahoo.com.ar>:

## - modified for compatibility with a recent Minigui improvement.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\MsgMenu)

## \* Updated: 'Progress bar for show of processing' sample:

## - added an array test;

## - added possibility to break a processing without a program crash.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\PROGRESSBAR\_3)

## \* Updated: 'Show Password without the asterisks and vice versa' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\ShowPassword)

## \* Updated: 'Splash Screen' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\SPLASHDEMO)

## \* Updated: 'Set Window Background Brush' sample:

## - updated for the recent changes in Minigui core.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\WindowBackground)

## \* Updated: 'HMG Window' sample:

## - added an old ON SIZE event processing.

## Requested by Sylvain Larche.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\WindowProperty\_2)

## \* Updated: 'HbZipArc usage' sample: added a password processing test.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Basic\Zip)

## \* Updated: '7-Zip interaction' sample by Vladimir Chumachenko:

## - updated hbdll32.lib for compatibility with BCC 5.8.2;

## - updated for using 7-zip32.dll version 9.22 (from 9.20).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\7-Zip)

## \* Updated: 'Shutdown of a called process' sample:

## - using of the function win\_RunDetached() for launch of the external

## applications.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\GoStop)

## \* Updated: 'PE Test' sample.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Advanced\PE\_Test)

## \* Updated: 'Volume Info' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\VOLUME\_INFO)

## \* Updated: 'System services' sample:

## - updated for compatibility with Windows 10.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\WMI\_Service\_2)

## \* Updated: 'MiniGUI DataBase Utility' sample:

## - added parameter for forced setting the DBFCDX driver as default;

## - minor correction in the function OpenDataTable().

## Contributed by Sergej Kiselev

## (see in folder \Utils\mgDBU)

## 2019/09/05: HMG Extended Edition version 19.08 (Update 2).

## \* New: Added the useful pseudo-function HMG\_TimeMS( TS1 [, TS2] ) for

## calculation of an elapsed time in the milliseconds.

## Sample code:

## #include "minigui.ch"

## STATIC s\_tStartTime

## INIT PROCEDURE OnStartup()

## s\_tStartTime := hb\_DateTime()

## RETURN

## PROCEDURE main()

## hb\_idleSleep(.1)

## RETURN

## EXIT PROCEDURE OnExit()

## ? "You used this program by", HMG\_TimeMS( s\_tStartTime )

## RETURN

## Suggested and contributed by Sergej Kiselev.

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 latest version 3.30.0dev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: 'HMG Misc' sample. Borrowed from HMG 4 project.

## Adapted by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Misc)

## \* New: 'OrdWildSeek() Test' sample.

## Note: Harbour has this function in core without documentation.

## Based upon a contribution of Mario Mansilla and Pete D.

## (see in folder \samples\Basic\OrdWildSeek)

## \* New: 'PE Test' sample.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Advanced\PE\_Test)

## \* Updated: 'Multi Instance' sample:

## - updated for the recent changes in Minigui core.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\MULTI\_INSTANCE)

## \* Updated: 'MiniGUI DataBase Utility' sample:

## - updated a memo field editing with using of the function InputBox().

## Suggested by Pierpaolo Martinello <pier.martinello[at]alice.it>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\mgDBU)

## 2019/08/29: HMG Extended Edition version 19.08 (Update 1).

## \* Enhanced: Added possibility to modify of 'OnDblClick' event for the LABEL

## and IMAGE controls at run-time with:

## - function syntax:

## SetProperty(Form,Control,'OnDblClick',{|| MsgInfo('New action')})

## - pseudo-OOP syntax:

## Form.Control.OnDblClick := {|| MsgInfo('New action')}

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\MP3Info)

## \* Enhanced: Added possibility of in-line usage of the commands

## [DE]ACTIVATE TIMER <name> OF <parent> for the Timer control.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\MP3Info)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.30.0dev (from 3.29.0).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: 'MP3 Info Class Test' sample. Based upon a contribution of

## Victor Daniel Cuatecatl Leon for FiveWin library.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\TestMP3Info)

## \* Updated: 'Replacement for Clipper ALERT() function' sample:

## - New: using of the codeblock bOnInit in the Alert\* functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\WALERT\_2)

## \* Updated: 'DOS-like menu with using of TsBrowse' sample.

## - updated for the recent changes in Minigui core.

## Problem was reported by Verchenko Andrey.

## (see in folder \samples\Advanced\Tsb\_menu)

## HMG 19.08 Extended Edition

## 2019/08/21: Build 97

## \* Fixed: Missed hiding of all controls on a FOCUSED deleted TabPage in the

## function \_DeleteTabPage(). It exists in the official version too.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Tab\_4)

## \* New: Added possibility to modify the following Windows events at runtime:

## - OnInit

## - OnRelease

## - OnInteractiveClose

## - OnGotFocus

## - OnLostFocus

## - OnNotifyClick

## - OnMouseclick

## - OnMouseDrag

## - OnMouseMove

## - OnMove

## - OnSize

## - OnMaximize

## - OnMinimize

## - OnPaint

## - OnRestore

## - OnDropFiles

## Sample code:

## - function syntax:

## SetProperty ( Form, 'OnGotFocus', {|| MsgInfo('New action')} )

## SetProperty ( Form, 'OnLostFocus', {|| MsgInfo('New action')} )

## SetProperty ( Form, 'OnNotifyClick', {|| MsgInfo('New action')} )

## SetProperty ( Form, 'OnMouseClick', {|| MsgInfo('New action')} )

## - pseudo-OOP syntax:

## Form.OnGotFocus := {|| MsgInfo('New action')}

## Form.OnLostFocus := {|| MsgInfo('New action')}

## Form.OnNotifyClick := {|| MsgInfo('New action')}

## Form.OnMouseClick := {|| MsgInfo('New action')}

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\WindowProperty\_2)

## \* New: Added the useful pseudo-functions HMG\_RGB2n( n1 [, n2] [, n3] ) and

## HMG\_n2RGB( n ) for converting of a color array.

## Suggested and contributed by Sergej Kiselev.

## \* New: Added the useful pseudo-functions GetFontWidth( FontName, nLen ) and

## GetFontHeight( FontName ) for receiving of the font's parameters.

## Note that a font should be defined by command

## DEFINE FONT <FontName> FONTNAME <sysfont> ...

## Suggested and contributed by Sergej Kiselev.

## \* Enhanced: The 'Cursor' property is supported in the function GetProperty()

## for the Forms.

## You can set/get this property at runtime:

## - function syntax:

## SetProperty ( Form, 'Cursor', cCursorName )

## GetProperty ( Form, 'Cursor' )

## - pseudo-OOP syntax:

## Form.Cursor := cCursorName

## Form.Cursor --> cCursorName

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\WindowProperty\_2)

## \* Enhanced: Added possibility to modify of 'OnEnter' event for the controls

## at runtime with:

## - function syntax:

## SetProperty(Form, Control, 'OnEnter', {|| MsgInfo('New action')})

## - pseudo-OOP syntax:

## Form.Control.OnEnter := {|| MsgInfo('Enter pressed')}

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: Added possibility to modify of the 'OnListDisplay/OnDropDown' and

## 'OnListClose/OnCloseUp' events for ComboBox control at runtime with:

## - function syntax:

## SetProperty(Form,Control,'OnListDisplay',{|| MsgInfo('New action')})

## - pseudo-OOP syntax:

## Form.Control.OnListClose := {|| MsgInfo('New action')}

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo3.prg in folder \samples\Basic\Combo\_5)

## \* Enhanced: The Spinner control supports now a changing of the INCREMENT

## property at runtime.

## You can set/get the above property with

## - function syntax:

## SetProperty ( Form, Control, 'Increment', nValue )

## GetProperty ( Form, Control, 'Increment' ) --> nIncrement

## - pseudo-OOP syntax:

## FormName.SpinnerName.Increment := nValue

## FormName.SpinnerName.Increment --> numeric value

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\SPINNER)

## \* Enhanced: The Timer control supports now a changing of the INTERVAL and

## ONCE properties at runtime.

## You can set/get these properties with

## - function syntax:

## SetProperty ( Form, Control, 'Interval', nValue )

## GetProperty ( Form, Control, 'Interval' ) --> nInterval

## SetProperty ( Form, Control, 'Once', lValue )

## - pseudo-OOP syntax:

## FormName.TimerName.Interval := nValue

## FormName.TimerName.Once := lValue

## FormName.TimerName.Once --> logical value

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Timer\_2)

## \* Enhanced: The BTNTEXTBOX control supports now a changing of the separated

## TOOLTIPs for the edit box and buttons at runtime.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: The GETBOX control supports now a changing of the separated

## TOOLTIPs for the edit box and buttons at runtime.

## Sample code:

## Form\_1.Text\_2.ToolTip := {, "New Btn TIP"}

## Form\_1.Text\_3.ToolTip := {, "New Btn TIP", "New Btn 2 TIP"}

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: The global fonts which were defined by the command DEFINE FONT

## <font> FONTNAME <name> ... will preserved after closing of a form.

## Suggested and explained by Sergej Kiselev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Advanced\APP\_OOPREPORT)

## \* Modified: A 'Value' property will changed to a first available item in the

## RadioGroup control if a focused item was disabled with a putting of

## 'ReadOnly' property.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\RadioGroup)

## \* Modified: Added the possibility of a launching of the Alert\* family

## functions at ON RELEASE event to be similar to the system dialogs.

## Requested by Verchenko Andrey <verchenkoag@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Modified: The function \_ShowContextMenu() was moved from a sample to the

## MiniGUI core:

## - added the new command

## SHOW CONTEXTMENU OF <parent> [ AT <nRow>, <nCol> ]

## Requested by Verchenko Andrey <verchenkoag@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see menudemo5.prg in folder \samples\Basic\Menu)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - Fixed: Problem with assigning/receiving of an Image index in the

## first column of a Grid control.

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Grid\_2)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - New: Added the new variables :nEditWidth in the TSColumn class

## and :lAdjColumn in the TSBrowse class;

## - New: added method ToWidth() in the TSColumn class;

## Sample code:

## :LoadFields(.F.)

## AEval( :aColumns, {|oc| oc:nWidth := oc:ToWidth( ;

## iif( oc:nFieldLen > 40, 40, Nil ), 0.8) } )

## - New: the improved method LoadFields() accepts the three new

## parameters for using of the fields from the different aliases;

## - Updated: the method PostEdit() for using of the fields from

## the different aliases;

## - New: added the auxiliary methods for a super header assigning.

## Suggested and contributed by Sergej Kiselev

## (see demo2.prg in folder \samples\Advanced\APP\_OOPREPORT)

## \* Updated: HBPrinter library:

## - minor correction of a tool button's width at Windows 10.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: SDDsqlt3 library source code (see in folder \Source\HbSqlDD):

## - fixed RTE with DBUSEAREA() operation to return empty result

## when query conditions are false or the source table has no rows;

## - fixed double-free error in sqLite3Disconnect();

## - added a support for DATE and DATETIME types;

## - use new sqlite3\_prepare\_v3() when built against

## sqlite 3.20.0 or upper (borrowed from Viktor's 3.4 fork).

## Based upon a contribution of Aleksander Czajczynski

## (see demo in folder \samples\Advanced\Sqlit3DD)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.29.0 (from 3.29.0dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: The auxiliary add-on binary archive:

## - update for using PageScript DLL ver. 3.0.4.124 (from 3.0.4.119).

## Contribution of Richard Visscher <richard/at/irvis.com>.

## \* New: 'HMG Window' sample. Borrowed from HMG 4 project.

## Adapted by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\WindowProperty\_2)

## \* New: 'HMG Drag and Drop' sample. Borrowed from HMG 4 project.

## Adapted by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Drag\_And\_Drop)

## \* New: 'HMG Tab' sample. Borrowed from HMG 4 project.

## Adapted by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Tab\_4)

## \* New: 'HMG Timer' sample. Borrowed from HMG 4 project.

## Adapted by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Timer\_2)

## \* New: 'Using OOP events for Age reports' sample:

## - using of ON INIT, ON END and ON BODY events in TBROWSE;

## - using of the function HMG\_Alert() as a template for a Card form.

## Contributed by Sergej Kiselev

## (see demo2.prg in folder \samples\Advanced\APP\_OOPREPORT)

## \* New: 'TBrowse report' sample:

## - using of the improved method LoadFields() for loading data with

## HbMemIO or LetoDBf server.

## Contributed by Sergej Kiselev

## (see in folder \samples\Advanced\Tsb\_LoadFieldsTo)

## \* New: 'TSBrowse: how to work with a database' samples.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see demos in folder \samples\Advanced\Tsb\_Basic\_2)

## \* Updated: 'Drag and Drop of Files' sample:

## - updated for the recent changes in Minigui core;

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## - added the IMAGE and LABEL controls processing.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Basic\ON\_DROPFILES)

## \* Updated: 'Timer' sample:

## - updated for the recent changes in Minigui core.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Timer)

## \* Updated: 'Icon Animation' sample:

## - updated for the recent changes in Minigui core.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\IconAnimation)

## \* Updated: 'NirCmd Dll Usage' sample:

## - updated nircmd.exe to the recent version 2.86 (from 2.81).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\NirCmdDll)

## \* Updated: 'SQLite3 Database Driver' sample:

## - added the new function IsExistTable(cTable).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\Sqlit3DD)

## \* Updated: 'MiniGUI DataBase Utility' sample:

## - using of the method oCol:ToWidth() instead of :AdjColumns(nCol)

## for a column's adjusting.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\mgDBU)

## 2019/07/04: HMG Extended Edition version 19.06 (Update 2).

## \* New: Added the useful function HMG\_GetForms( [ cFormTypes ] [, lObj ] )

## for retrieving of an array of the form's names (or handles).

## Contributed by Sergej Kiselev

## (see demo in folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Modified: The local OS detecting functions were replaced with a native

## [x]Harbour implementation (instead of using the MiniGUI function

## WindowsVersion()).

## NOTE: The C-functions IsWinXPorLater() and IsVistaOrLater() are

## defined as pseudo-functions now.

## It was a postponed modification.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see i\_pseudofunc.ch in folder Include\)

## \* Modified: The function IsExe64() is replaced with a native Harbour

## implementation.

## The compatibility with xHarbour compiler is provided also.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see i\_pseudofunc.ch in folder Include\)

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG:

## - added pseudo-function IsMaximized( hWnd ).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\ImageFromWeb)

## \* Updated: Pacified the warnings in the C-code for compatibility with MS

## Visual C++ 2019 (32-bit) compiler.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: OpenSSL wrapper for using of the version 1.0.2s.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: 'MiniGUI DataBase Utility' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\mgDBU)

## 2019/06/26: HMG Extended Edition version 19.06 (Update 1).

## \* Modified: Stability fix in the internal function \_SetTextEditReadOnly().

## You can modify a ReadOnly mode at runtime for the enabled controls

## only. Problem was reported by Rafael Moran <webrmoran/at/yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: Added 'ON DBLCLICK' clause (optional) to LABEL and IMAGE controls.

## NOTE: Don't register click and dblclick events on the same element:

## it's impossible to distinguish single-click events from click

## events that lead to a dblclick event.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: Added the useful function HMG\_IsEqualArr ( aData1, aData2 ) for

## comparing of the two arrays.

## Sample code:

## aValue1 := Form.Grid1.Value

## aValue2 := Form.Grid2.Value

## lResult := HMG\_IsEqualArr ( aValue1, aValue2 )

## Requested by Paola Bruccoleri <pbruccoleri/at/adinet.com.uy>.

## Based upon a contribution of Roberto Lopez <mail.box.hmg@gmail.com>

## \* New: Added the Harbour contrib library for 7zip compression.

## This is a wrapper of 7-zip32.dll, another variant of the Open-Source

## 7Zip compression library. All calls are pointing to 7-zip32.dll,

## thus the such dll must exist in a search path.

## Based on an original work of Andi Jahja <andi.jahja/at/yahoo.co.id>.

## (see source in folder \Source\SevenZip)

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Advanced\sevenzip)

## \* New: 'Button Gradient Test' sample.

## Based upon a contribution of MiniGUI user.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Button\_Gradient)

## \* New: 'Weather-forecast' sample is based on the service site http://wttr.in.

## Based upon a contribution of Vagelis Prodromidis.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\Weather-forecast)

## HMG 19.06 Extended Edition

## 2019/06/18: Build 96

## \* Fixed: Problem with a handling <Esc> key into the function HMG\_Alert()

## (introduced in the build 18.02).

## Processing of a closing of a window in the Alert\* family functions

## is similar to the system dialogs in Windows 7.

## Bug was reported by Grzegorz Wojnarowski.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\AlertBoxes)

## \* Fixed: Problem with using of the function AScan() without <lExact> switch

## into the function HMG\_GetFormControls() (introduced in the build

## 19.04). Bug was reported by Grzegorz Wojnarowski.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Fixed: The wrong using of the Registry class was fixed in the function

## DeleteRegistryKey( nKey, cRegKey ).

## Added the new command

## DELETE [REGISTRY] SECTION <cKey> FROM [KEY] <hKey>

## instead of the mistaked command DELETE KEY <cKey> OF <oReg>.

## Sample code:

## CREATE REGISTRY oReg KEY HKEY\_CURRENT\_USER SECTION "\_TEST"

## IF IsRegistryKey( HKEY\_CURRENT\_USER, "\_TEST" )

## SET VALUE "test" OF oReg TO "myval"

## CLOSE REGISTRY oReg

## MsgInfo( GetRegistryValue( HKEY\_CURRENT\_USER, "\_TEST", "test" ) )

## DELETE REGISTRY SECTION "\_TEST" FROM KEY HKEY\_CURRENT\_USER

## ENDIF

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: Correction of SetKey events processing in the GetBox control.

## You can modify an action of the predefined keys in GetBox now.

## Sample code:

## @ 10, 10 GETBOX GetBox1 OBJ oGet VALUE Space( 30 )

## oGet:SetKeyEvent( VK\_RETURN, {|| MsgInfo("Enter pressed") } )

## oGet:SetKeyEvent( VK\_DOWN, {|| MsgInfo("Down pressed") } )

## Requested by Dusko Radojcin.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\GetBox\_3)

## \* Updated: Harbour contrib HbFImage library:

## - update for using FreeImage DLL version 3.18.0 (from 3.15.0).

## (see source in folder \Source\hbfimage)

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\FREEVIEW)

## \* Updated: RDDLeto client library by Rolf 'elch' Beckmann.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\LetoDBf)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 latest version 3.29.0dev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: Added the auxiliary add-on binary archive for a correct launching of

## the MiniGUI advanced samples.

## This archive contains the following tools:

## - CUrl dlls;

## - FreeImage dll;

## - MySQL dll;

## - PageScript dll;

## - SumatraPDF application;

## - QHTM installer;

## - RMChart installer;

## - VLC ActiveX Control.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: 'GetFont dialog with the monospace fonts' sample.

## Based upon a contribution of HMG user KDJ.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\GetFont)

## \* Updated: 'Alert Boxes usage' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\AlertBoxes)

## \* Updated: 'Contactos' sample.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Basic\CONTACTOS)

## \* Updated: MPM utility:

## - fixed using of the function DeleteRegistryKey().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\MPM)

## 2019/05/08: HMG Extended Edition version 19.04 (Update 2).

## \* Fixed: The missed 'Make New Folder' button in the function GetFolder() at

## a specified initial path (introduced in the build 2.5.1).

## Problem was reported by Jayadev <jayadev65/at/yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\GetFolder)

## \* Enhanced: The Image control supports now a changing of the BACKGROUNDCOLOR

## property at runtime.

## You can set this property with:

## - function syntax:

## SetProperty ( Form, Image, 'BackGroundColor', aColor )

## - pseudo-OOP syntax:

## FormName.ImageName.BackGroundColor := aRGBColor | nRGBColor

## FormName.TabName(nPage).ImageName.BackGroundColor := aColor

## Requested by Verchenko Andrey <verchenkoag@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\GetColorRowCol)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - minor modification in the method Destroy().

## Contributed by Sergej Kiselev.

## \* New: 'Order Service System' sample: using MySQL through the TMySql class.

## Test passed with MySQL version 5.1.44 at Windows 7.

## Don't miss this very interesting example!

## Contributed by Marcelo Neves <marcelo.souza.das.neves@gmail.com>

## (see in folder \samples\Applications\OrderService)

## \* New: 'Little wizard for create the controls' utility.

## Based upon a contribution of HMG user Dragan Cizmarevic.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\hmg\_wizard)

## \* Updated: 'Data-Bound Controls' sample:

## - redesigned the input window for a new look.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\DATA\_BOUND)

## \* Updated: 'Using <Tab> key for navigation into a celled Grid' sample.

## Based upon a contribution of HMG user KDJ.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\Grid\_Test)

## 2019/05/02: HMG Extended Edition version 19.04 (Update 1).

## \* Updated: Added the sounds to the new Alert\* family functions

## to be similar to the system dialogs in Windows 7.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added processing of the new variable :lPostEditGo and correction

## for the codeblock :bEditLog in the method PostEdit();

## - improved handling of <Enter> key in a celled Checkbox item.

## (see demo in folder \samples\Advanced\Tsb\_BitMaps)

## Suggested and contributed by Sergej Kiselev.

## \* Updated: RDDLeto client library by Rolf 'elch' Beckmann.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\LetoDBf)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.29.0dev (from 3.28.0).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: 'Read color by coordinates' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Basic\GetColorRowCol)

## \* Updated: 'HMG Grid Demo' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\Grid\_Test)

## \* Updated: 'MiniGUI DataBase Utility' sample:

## - added the closing of opened table;

## - correction for modification of a structure of a table.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \Utils\mgDBU)

## HMG 19.04 Extended Edition

## 2019/04/25: Build 95

## \* Fixed: EDIT controls family: restored a correct setting of ReadOnly colors

## at runtime. A problem was introduced in the past releases due to

## adding a wrong checking of a color parameter's type.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\basic\ReadOnlyEdit)

## \* Fixed: The problem with using of 'SetFocus' method into ON ENTER event and

## established Navigation Extended in the CHECKBOX, COMBOBOX, DATEPICKER

## and TIMEPICKER controls.

## Reported by user at the official HMG forum.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: A problem with painting of the StatusBar ownerdraw items at Windows 10

## (f.e. when a StatusBar control was defined with KEYBOARD clause).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\FrameWork)

## \* New: Added the useful function HMG\_GetFormControls( cFormName [, cUserType ] )

## for retrieving of an array of the control's names for specified window.

## Sample code:

## HMG\_GetFormControls( App.FormName ) -> all controls of a Main form

## AEval( HMG\_GetFormControls( ThisWindow.Name, "Label" ), ;

## {|ctl| This.&(ctl).Alignment := 'Right' } )

## It was a postponed user's request.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo at folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* New: Added the following functions, based on the function HMG\_Alert():

## - AlertYesNo ( Message, Title, RevertDefault, ;

## Icon, nSize, aColors, lTopMost ) -> .T. / .F.;

## - AlertYesNoCancel ( Message, Title, nDefaultButton, ;

## Icon, nSize, aColors, lTopMost ) -> 1 / 0 / -1;

## - AlertRetryCancel ( Message, Title, nDefaultButton, ;

## Icon, nSize, aColors, lTopMost ) -> .T. / .F.;

## - AlertOkCancel ( Message, Title, nDefaultButton, ;

## Icon, nSize, aColors, lTopMost ) -> .T. / .F.;

## - AlertInfo ( Message, Title, Icon, nSize, aColors, lTopMost );

## - AlertStop ( Message, Title, Icon, nSize, aColors, lTopMost );

## - AlertExclamation ( Message, Title, Icon, nSize, aColors, lTopMost ).

## The above functions imitate the system dialog boxes with a

## possibility of a users tuning for the font, colors, timer etc.

## Suggested by Sergej Kiselev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\AlertBoxes)

## \* Enhanced: The RadioGroup control supports now a changing of the OPTIONS and

## SPACING properties at runtime.

## You can set/get these properties with

## - function syntax:

## SetProperty ( Form, Control, 'Options', acValue )

## GetProperty ( Form, Control, 'Options' ) --> aOptions

## SetProperty ( Form, Control, 'Spacing', nValue )

## - pseudo-OOP syntax:

## FormName.RadioName.Options := acValue

## FormName.RadioName.Spacing := nValue

## FormName.RadioName.Spacing --> numeric value

## Sample code:

## Form\_1.Radio\_1.Options := { "Option 1", "Option 2", "Option 3" }

## Form\_1.Tab\_1(2).Radio\_1.Spacing := 24 // Set spacing at Tab Page 2

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo1.prg in folder \samples\Basic\RadioGroup)

## \* Enhanced: Added <Shift-Tab> hotkey for backward moving to inplace editing

## in a CELLED GRID control as opposite to <Tab> key action.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo7.prg in folder \samples\Basic\Grid\_3)

## \* Enhanced: The Timer control supports now the alternative syntax.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Timer\_Test)

## \* Modified: Improved text extraction of the GRID item using a dynamic buffer

## allocation. This will break the limit on the length of the grid cell,

## which was set to 1023 characters earlier.

## Requested by Alen Uzelac <alen/at/bbm.hr>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\Grid\_4)

## \* Updated: Revised the sizes of the dialog box in the function HMG\_Alert()

## to be similar to the sizes of the system dialogs in Windows 7.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo at folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added column's data xOldEditValue and codeblock :bEditLog for

## logging of cell editing.

## Usage:

## oBrw:bEditLog := {|xOld,xNew,oBr| WriteEditLog(xOld, xNew, oBr) }

## Contributed by Igor Nazarov.

## \* Updated: RDDLeto client library by Rolf 'elch' Beckmann.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\LetoDBf)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.28.0 (from 3.28.0dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2019-04-11 17:33).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Matrix Browse and Array Browse: functions to browse array' sample.

## Requested by Pete D. <pete\_westg/at/yahoo.gr>.

## Based upon a contribution of HMG user Edward

## (see in folder \samples\Basic\MATRIX\_GRID)

## \* New: 'Report Class by Jon Credit (for Clipper)' sample.

## Based upon a contribution of Anand K Gupta.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\Report\_Class)

## \* New: 'Show Baloon Tip on demand' sample.

## Based upon a contribution of Pete D. <pete\_westg/at/yahoo.gr>

## (see in folder \samples\Advanced\ShowBaloonTip)

## \* Updated: 'Print Pie Graph' sample: the updated data for March 2019.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'MsgBox Show' sample:

## - using of the function AlertInfo() instead of MsgInfo().

## (see in folder \samples\Basic\MsgBoxShow)

## \* Updated: 'Replacement for Clipper ALERT() function' sample:

## - using of the new Alert\* family functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\WALERT\_2)

## \* Updated: 'Download Manager with Multi Threading' sample.

## Based upon a contribution of Artyom Verchenko

## (see in folder \samples\Advanced\Downloader)

## \* Updated: 'Flashing Window on Minimize' sample:

## - using of the function FindWindowEx() instead of FindWindow().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\FlashWindow)

## \* Updated: 'Flash Player' sample:

## - updated for the recent changes in Minigui core.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\FlashX)

## \* Updated: 'PDF Reader' sample is based upon the AcroRd32.dll:

## - updated for the recent changes in Minigui core.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\PDFReader)

## \* Updated: 'RMChart' samples are based upon the ActiveX control RMChart.ocx:

## - updated for the recent changes in Minigui core.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\RMChart)

## \* Updated: 'System services' sample:

## - updated for compatibility with Windows 10.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\WMI\_Service\_2)

## \* Removed: 'Google Directions' sample not working due to Google restriction.

## \* Removed: 'Google Maps' sample not working due to the Google restrictions.

## HMG 19.03 Extended Edition

## 2019/03/27: Build 94

## \* Fixed: Misc bugfixes for the memory leaks in the ToolBar[Ex] control.

## It was an ugly mistake with missed release of the bitmaps at a

## destroying of a Tool Button.

## Problem was reported by Rafael Moran <webrmoran/at/yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Processing of the 'Item' property in a Grid when 'Value' property

## equal a zero (problem was introduced in the build 18.08).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\Grid)

## \* Fixed: Added a ban on an editing in a Browse control for databases that

## were opened with the READONLY clause. Otherwise, an error "Write

## not allowed" will occur.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: Added the following useful network functions:

## - NetRecLock( nSeconds );

## - NetFileLock( nSeconds );

## - NetAppend( nSeconds, lReleaseLocks );

## - NetDelete();

## - NetRecall();

## - IsLocked( nRecId );

## - NetError().

## You can define a network delay via using of the set/get function

## [ nNetDelay := ] SetNetDelay( nSecs )

## where the default value of nSecs is 1 second.

## Based upon a PRG-code borrowed from the xhb contrib library.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\DATA\_BOUND)

## \* Modified: The above network functions were used in a BROWSE control for

## improving of adding, deleting and saving of the entries.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\BROWSE\_8)

## \* Enhanced: Necessity of a lock's setting at the BROWSE editing will be

## defined automatically for a database that opened in a shared mode.

## Using of the LOCK clause at Browse definition is unnecessary now.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see browse5.prg in folder \samples\Basic\BROWSE\_3)

## \* Enhanced: Added 'FIELD' clause (optional) to CHECKLABEL and SWITCHER

## controls. They supports the 'Refresh' and 'Save' methods now.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\DATA\_BOUND)

## \* Enhanced: The functions SetProperty() and DoMethod() will detect a typo

## in a name of the properties or methods.

## Requested by Pete D. <pete\_westg/at/yahoo.gr>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: The function HMG\_Alert() supports an optional 7-th parameter

## for an array of colors for the buttons which will defined with the

## BACKCOLOR and HANDCURSOR clauses.

## Syntax:

## HMG\_Alert( cText, [<aOptions>], [<cTitle>], [<nType>], ;

## [<cIcoName>], [<nIcoSize>], [<aBtnColors>] )

## Added an optional possibility for colors tuning with the following

## new commands:

## - SET MSGALERT BACKCOLOR TO <aBackColor>

## - SET MSGALERT FONTCOLOR TO <aFontColor>

## Requested by Verchenko Andrey <verchenkoag@gmail.com>.

## Modified by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\WALERT\_2)

## \* Updated: The unneeded clauses in the command GRAPH BITMAP may be omitted:

## - TITLECOLOR (default is BLACK);

## - SHOWGRID .T. supersede SHOWXGRID .T. and SHOWYGRID .T.;

## - SEPARATION is NIL by default;

## - NOBORDER is .F. by default.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\BTGraph)

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG:

## - added the following PROGRESSBAR MARQUEE commands:

## SET PROGRESSBAR <name> OF <parent> ENABLE MARQUEE ;

## [ UPDATED <milliseconds> ]

## SET PROGRESSBAR <name> OF <parent> DISABLE MARQUEE

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see i\_hmgcompat.ch in folder \include)

## \* Updated: Pacified a warning in C-code and updated hbmk2 utility for

## compatibility with MinGW 8.3.1 compiling.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - minor correction the method GotoRec().

## Contributed by Igor Nazarov.

## \* Updated: RDDLeto client library by Rolf 'elch' Beckmann.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\LetoDBf)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.28.0dev (from 3.27.2).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2019-02-11 13:51):

## \* Modified: VM was optimized for GUI applications.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: Documentation 'Harbour for beginners' in format CHM.

## It is an original work of Alexander Kresin <alex@kresin.ru>

## (see hrbfaq.chm in folder \harbour\doc)

## \* New: 'Image Overlay with using of BosTaurus library' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\IMAGE)

## \* New: 'Generic ProgressBar with animated GIF using' sample.

## Contributed by Andres Gonzalez Lopez.

## Note: a GIF animation works properly at Windows 10 only.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\PROGRESSBAR\_4)

## \* Updated: 'Data-Bound Controls' sample:

## - using of the new network functions;

## - added a handling of a checkbox caption at viewing and editing.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Basic\DATA\_BOUND)

## \* Updated: 'Multiple Combined Search Box' sample:

## - fixed handling of 'CaretPos' property in the proc CreateCSBox().

## Problem was reported by Jayadev <jayadev65/at/yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\CombinedSearchBox)

## \* Updated: 'MiniGUI DataBase Utility' sample:

## - minor correction in the function OpenDataTable().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\mgDBU)

## HMG 19.02 Extended Edition

## 2019/02/26: Build 93

## \* Fixed: A program crash happens occasionally in Windows 10 only and only

## for non-admin users.

## Problem was reported by Ivanil Marcelino <ivanil@linkbr.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: Added the new class TDlu2Pix for managing of the UI controls sizing.

## You can check the Windows UX Guidelines at

## https://docs.microsoft.com/en-us/windows/desktop/uxguide/vis-layout#guidelines

## for recommended sizing and spacing for common UI elements.

## The short version is:

## - DLU is dialog length unit;

## - DLU is based on the font size (items will change with user's

## font size);

## - a horizontal DLU is different from a vertical DLU

## (DLU's are not square).

## Suggested and contributed by Sergej Kiselev.

## \* New: Added the new ON INIT <bBlock> clause for the following basic controls:

## Browse, BtnTextbox, ButtonEx, Checkbox, ChkLabel, Combobox, DatePicker,

## Editbox, Frame, GetBox, Grid, Image, Label, MonthCalendar, Progressbar,

## RadioGroup, Slider, Spinner, Tab, Tree.

## Example:

## DEFINE LABEL Label\_1

## ON INIT {|| This.Row := :Y, This.Col := :X, This.Width := :W1,;

## This.Height := :H1, :Y += This.Height + :GapsHeight }

## END LABEL

## Suggested and contributed by Sergej Kiselev

## (see demo in folder \samples\Basic\GetBox)

## \* New: Added using of the stream splitter MTEE v2.21 in the make script for

## building of the minigui library (see in folder \harbour\bin).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see BuildLib.bat in folder \Source)

## \* Enhanced: ACTIVATE WINDOW command supports an optional ON INIT clause now.

## It is useful for using of 'This' object after a command END WINDOW.

## Suggested and contributed by Sergej Kiselev

## (see demo at folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Enhanced: TREE control supports an optional CARGO clause for the nodes and

## items at theirs definition, i.e.

## NODE <text> [ IMAGES <aImage> ] [ ID <id> ] [ CARGO <Cargo> ]

## TREEITEM <text> [ IMAGES <aImage> ] [ ID <id> ] [ CARGO <Cargo> ]

## You can set/get above property at runtime also:

## - function syntax

## SetProperty ( ParentForm, TreeName, 'CARGO', nItem, xData )

## GetProperty ( ParentForm, TreeName, 'CARGO', nItem ) --> xData

## - pseudo-OOP syntax

## Form.Tree.Cargo( nItem | id ) := xData

## Form.Tree.Cargo( nItem | id ) --> xData

## Based upon a contribution of Sergej Kiselev

## (see demo in folder \samples\Basic\Tree\_2)

## \* Enhanced: The Getbox control's value with "@K" PICTURE property will be

## selected at ON GOTFOCUS event.

## The old behaviour is available also via assigning of empty codeblock

## to ON GOTFOCUS event at a GetBox definition.

## Based upon a contribution of Sergej Kiselev

## (see demo in folder \samples\Basic\GetBox)

## \* Enhanced: 'Application' object supports the read/write property 'Object'.

## Syntax: Application.Object [ := <arg> ]

## Suggested and contributed by Sergej Kiselev

## (see demo in folder \samples\Basic\GetBox\_2)

## \* Updated: The internal OOP classes TWndData and TCnlData were improved

## for DLU support: added the new methods and variables.

## Suggested and contributed by Sergej Kiselev

## (see demo in folder \samples\Basic\GetBox\_3)

## \* Updated: Adaptation of MiniGUI core for compatibility with Open Watcom C/C++

## version 2.0 32-bit compiler:

## - fixed Animate\_OpenEx macro in header file commctrl.h from Open Watcom;

## - updated header file hbgdiplus.h;

## - updated C-code in BosTaurus library.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - minor correction in the method :SetArray().

## Contributed by Janusz Pora <januszpora@onet.eu>

## - added the new clauses ON INIT <b> to DEFINE TBROWSE command and

## ON END <b> to END TBROWSE command;

## - improved the method :Enabled().

## Based upon a contribution of Sergej Kiselev

## (see demo in folder \samples\Advanced\Tsb\_addrecord)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.27.2 (from 3.27.0dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2019-02-11 13:51):

## \* Updated: RDDLeto client library by Rolf 'elch' Beckmann.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.4.3.6 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'Dlu2Pixel Demo' sample with using of SET OOP ON command.

## Contributed by Sergej Kiselev

## (see in folder \samples\Basic\GetBox\_2)

## \* New: 'Dlu2Pixel Demo' sample without using of SET OOP ON command.

## Contributed by Sergej Kiselev

## (see in folder \samples\Basic\GetBox\_3)

## \* New: 'LetoDBf server&client testing' sample:

## - start LetoDBf server via batch file LETO\_START.BAT before testing;

## - stop LetoDBf server via batch file LETO\_STOP.BAT after testing.

## Based upon a contribution of Sergej Kiselev

## (see in folder \samples\Advanced\LetoDBf)

## \* New: 'Recycling of the deleted records in DBF' sample.

## Syntax:

## DBFAPPEND( [lMode] ) --> nAppended\_Or\_Recyled\_RecNo

## where parameter lMode is

## - If omitted, it is similar to .T.

## - .T.. If set to .t., DBFAPPEND() will always try to recycle the

## deleted records.

## - .F.. If set to .f., DBFAPPEND() does not recycle. Same as DBAPPEND()

## Present usage of DBAPPEND():

## DBAPPEND()

## If .not. NetErr()

## // assign values to fields

## DBUNLOCK()

## endif

## Instead, using DBFAPPEND() this way enables using the recycling feature:

## if DBFAPPEND() > 0

## // assign values to fields

## DBUNLOCK()

## endif

## Use DBFAPPEND() instead of DBAPPEND() to use this feature.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\RecycleDeleted)

## \* Updated: 'HMG GetBox Demo. Using of ON INIT <block>' sample.

## Contributed by Sergej Kiselev

## (see in folder \samples\Basic\GetBox)

## \* Updated: 'Systray Balloon Tips' sample:

## - using of the function DrawIconEx() instead of DrawIcon().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\TrayBalloon\_3)

## 2019/01/24: HMG Extended Edition version 19.01 (Update 1).

## \* Enhanced: Added an alternative syntax for the new SWITCHER control

## with the default values for 'Height', 'Image', 'Autosize' and

## 'Vertical Aligning' properties.

## Sample code:

## DEFINE SWITCHER Label\_1

## PARENT <FormName>

## ROW 150

## COL 30

## VALUE 'On / Off switcher'

## CHECKED .T.

## FONTNAME 'Arial'

## FONTSIZE 12

## ONMOUSEHOVER RC\_CURSOR( "MINIGUI\_FINGER" )

## END SWITCHER

## Requested by Sylvain Larche.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\CheckLabel\_3)

## \* Updated: HbZeeGrid library:

## - pacified a warning for 64-bit compatibility (was passed

## MinGW 8.2.0 64-bit).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see source in folder \Source\HbZeeGrid).

## \* Updated: 'TSBrowse Export data to a XLS/XML file' sample:

## - added using of the new function HMG\_ClrToHTML().

## Contributed by Sergej Kiselev

## (see Tsb4xml.prg in folder \samples\Advanced\Tsb\_Brw2xml)

## HMG 19.01 Extended Edition

## 2019/01/21: Build 92

## \* Fixed: Problem with AUTOSIZE property handling in the CHECKLABEL control.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\CheckLabel\_3)

## \* Enhanced: Added 'VCENTERALIGN' clause (optional) for vertical aligning of

## a text in CHECKLABEL control.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\CheckLabel\_2)

## \* Modified: A Switcher control was used for managing of the logical variables

## in the function InputWindow().

## Note: an obsolete behaviour may be restored via adding the

## definition of the constant HMG\_LEGACY\_ON to the header file

## minigui.ch.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo at folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Enhanced: Added an auxiliary conversion function

## HMG\_ClrToHTML( nClr ) --> cHtmlClr ( format "#rrggbb" )

## Example:

## ? HMG\_ClrToHTML( CLR\_BLUE ) --> #000080

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see Tsb2xml.prg in folder \samples\Advanced\Tsb\_Brw2xml)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - fixed the processing of the variable :lNoMoveCols in the method

## RButtonDown(). The bug was reported by Sylvain Larche.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## - improved calculation of a height of the multiline cells in the

## internal function SetHeights().

## Contributed by Sergej Kiselev.

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.27.0dev (from 3.26.0).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2019-01-15 12:50):

## \* Updated: OpenSSL wrapper for using of the version 1.0.2q.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.4.3.5 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'Switcher control for logical variables' sample.

## Syntax:

## @ <row>,<col> SWITCHER <name> [ OF <parent> ] ;

## HEIGHT 46 ;

## IMAGE { 'MINIGUI\_SWITCH\_ON', 'MINIGUI\_SWITCH\_OFF' } ;

## [ VALUE <cValue> ] ;

## [ FONT <fontname> SIZE <fontsize> ] ;

## [ LEFTCHECK ] [ CHECKED ] ;

## [ ON MOUSEHOVER <bMouseHover> ] ;

## [ ON MOUSELEAVE <bMouseLeave> ] ;

## [ ON CLICK <bMouseClick> ]

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\CheckLabel\_3)

## \* New: 'Media Player Test' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\PLAYER\_1)

## \* Updated: 'Print Pie Graph' sample: the updated data for December 2018.

## Windows 10 is the leader for the first time since July 2015.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'RichEdit Extended' samples:

## - a correction in the function \_SetFontSizeRTF().

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folders \samples\Advanced\RicheditEx and

## \samples\Advanced\RicheditEx\_2)

## \* Updated: 'MiniGUI DataBase Utility' sample:

## - fixed a command line processing.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\mgDBU)

## \* Updated: MPM utility:

## - added permit of execution of a batch file with an admin privilege

## request. Based upon a contribution of Pierpaolo Martinello

## (see in folder \Utils\MPM)

## 2018/12/20: HMG Extended Edition version 18.11 (Update 2).

## \* Enhanced: Added the events support for ActiveX control.

## Syntax:

## @ <nRow>,<nCol> ACTIVEX <ControlName> ;

## [ OF | PARENT <ParentWindowName> ] ;

## WIDTH <nWidth> ;

## HEIGHT <nWidth> ;

## PROGID <cProgId> ;

## [ EVENTMAP <aEvents> ] ;

## [ CLIENTEDGE ]

## Or

## DEFINE ACTIVEX <ControlName>

## <...>

## EVENTMAP { { nEvent, [bAction | cFuncName] }, { ... } }

## CLIENTEDGE .T.

## END ACTIVEX

## Requested by Carlos Vargas <cvargaz[at]donboscocorp.com>.

## Based on a contribution of Oscar Lira <oscarlira78@hotmail.com>.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\VLC)

## \* Modified: A StatusBar with KEYBOARD clause look was improved with using

## of an ownerdraw color for the status items.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \Utils\mgDBU)

## \* Updated: Minor correction of StatusItem refresh at modifying of FontColor,

## BackColor and Align properties at runtime.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo4.prg in folder \samples\Basic\Status)

## \* Updated: 'My Player' sample is based upon the VLC ActiveX Control at

## http://www.videolan.org/.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\VLC)

## \* Updated: 'MiniGUI DataBase Utility' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\mgDBU)

## 2018/12/12: HMG Extended Edition version 18.11 (Update 1).

## \* Enhanced: The optimized ON SIZE event detects now the mouse state.

## You can use the variable \_HMG\_MouseState for accepting of

## a left mouse button down (=1) or up (=0) state.

## Suggested and contributed by Sergej Kiselev.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \Utils\mgDBU)

## \* New: Added the Harbour HbCurl contrib library compiled with the latest

## Curl and libcurl 32-bit package version 7.62.0 (30 Oct 2018).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added the new method OnReSize( nWidth, nHeight, lTop );

## - the improved method SetNoHoles().

## Contributed by SergKis

## (see demo in folder \samples\Advanced\Tsb\_Export)

## \* Updated: MySql library source code (see in folder \Source\HbMySql):

## - added the new method affected\_rows() in the class TMySQLQuery.

## Contributed by Attila Szabo.

## \* Updated: 'Print Pie Graph' sample: the updated data for November 2018.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'Internet Explorer ActiveX' sample:

## - updated the events processing routine for proper 64-bit handling.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ActiveX)

## \* Updated: 'HMG\_HPDF library usage' sample.

## Based upon a contribution of HMG user Edward.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see demo3.prg in folder \samples\Advanced\PDF\_PRINT\_3)

## HMG 18.11 Extended Edition

## 2018/12/05: Build 91

## \* Fixed: Problem with button's focus at a window activation when this button

## was defined with the DEFAULT clause.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\Font)

## \* Modified: A first TEXTBOX have got a control's content selection by default

## when a focus is received at a window activation.

## It is not required a calling of Setfocus method at form's 'On Init'

## event anymore (look at the InputBox() and InputWindow() functions).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\DATA\_BOUND)

## \* Modified: Added an additional checking before a calling of the C-function

## \_SetFont() due to a program crash in some situations (introduced in

## the build 16.12).

## Problem was reported by Rafael Moran <webrmoran/at/yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: The optimized ON SIZE event's behavior with using of the

## auxiliary WinAPI events WM\_ENTERSIZEMOVE and WM\_EXITSIZEMOVE.

## The old resizing behavior is available also via the command

## SET AUTOADJUST ON.

## Requested by Verchenko Andrey <verchenkoag@gmail.com>.

## Modified by Grigory Filatov <gfilatov@inbox.ru>

## (see hello2.prg in folder \samples\Basic\Hello\_2)

## \* Enhanced: Label control supports a codeblock type for assigning to 'Value'

## property, e.g.

## @ ... LABEL ... VALUE { || ... }

## Form.Label.Value := { || ... }

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Chronometer)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - Fixed: Problem with 'Visible' property. Previous version forced

## message processing creating problems in some rare situations.

## (see demo in folder \samples\Basic\Calendar)

## - Modified: handling of the WM\_NEXTDLGCTL message according to

## WinAPI specification.

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Internal OOP: added method ControlAssign() in the class TKeyData.

## Suggested and contributed by Sergej Kiselev

## (see demo4.prg in folder \samples\Advanced\Tsb\_Basic)

## \* Updated: Minor correction of the internal function \_LogFile().

## Suggested and contributed by Sergej Kiselev

## (see demo in folder \samples\Basic\OptionBox)

## \* New: Added the Harbour client library for access to LetoDBf server RDDLeto

## with the corresponding header files.

## It is a fork of LetoDB server by Rolf 'elch' Beckmann derived from

## the original work of Alexander Kresin <alex@kresin.ru>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: a fore color setting in the method DrawSuper().

## - Updated: minor corrections in the Array and Memo handling.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\Tsb\_colors\_2)

## \* Updated: HMG\_HPDF library (see source in folder \source\HMG\_HPDF):

## - New: Added the optional clauses WRAP, FONTSIZEFIT, HEIGHTFIT and

## GETBOTTOM <@nBottRowVar> to multiline print command:

## @ <Row>, <Col> HPDFPRINT <cText> TO ... ;

## [ WRAP ] [ FONTSIZEFIT | HEIGHTFIT ] [ GETBOTTOM <@nBottRowVar> ]

## Based upon a contribution of HMG user Edward.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Advanced\PDF\_PRINT\_3)

## \* Updated: HbXML library source code (see in folder \Source\HbXML).

## Borrowed from HwGui v2.21 by Alexander Kresin <alex@kresin.ru>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\XMLDEMO)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.26.0dev (from 3.25.2).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2018-11-16 16:33).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Calendar' sample by Sargantana <SargantanaSoft/at/gmail.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Calendar\_2)

## \* New: 'Mandelbrot Fractal' sample.

## Based upon a contribution of S.Rathinagiri <srgiri@dataone.in>

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\MandelBrot)

## \* New: 'My Player' sample is based upon the VLC ActiveX Control at

## http://www.videolan.org/.

## Note: VLC media player (32-bit) should be installed on your system.

## Contributed by Carlos Vargas <cvargaz[at]donboscocorp.com>.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\VLC)

## \* New: 'MiniGUI DataBase Utility' sample: a template for a simple DBU.

## Inspired by EMAG Software DBU at https://www.emagsoftware.it.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\mgDBU)

## \* Updated: 'Internet Explorer ActiveX' sample:

## - added the Internet Explorer events processing instead of using of

## a simple timer calling.

## Based upon a C-code borrowed from OOHG core.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ActiveX)

## \* Updated: 'Google Charts' sample: improved html by HMG user Edward.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Advanced\GoogleCharts)

## \* Updated: 'TsBrowse Colors Settings' sample:

## - added a super header colors setting.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\Tsb\_colors\_2)

## 2018/11/05: HMG Extended Edition version 18.10 (Update 1).

## \* Fixed: Program crash at releasing of a Tab control with imbedded Slider

## (introduced in the build 18.10).

## Bug was reported by Richard Rylko.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Problem with assigning of the 'Caption' property in the ButtonEx

## control (introduced in the build 18.10).

## Bug was reported by Grzegorz Wojnarowski.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: The function HMG\_Alert() respects now the Minigui command

## SET CENTERWINDOW RELATIVE PARENT.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - improved the method GotoRec( nRec [, lLastPos | nRowPos ] )

## in the TSBrowse class.

## The second parameter may have a logical value for the cursor

## setting into a last position on a screen.

## Contributed by Sergej Kiselev

## (see demo in folder \samples\Advanced\Tsb\_addrecord)

## HMG 18.10 Extended Edition

## 2018/10/31: Build 90

## \* Fixed: Problem with a translating of the SetFocus and others methods for

## 'This' object reference (introduced in the build 16.08).

## Bug was reported by Sergej Kiselev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Wrong row position of a WHOLEDROPDOWN menu of a ToolButton which

## was placed into a HORIZONTAL SplitBox control.

## Bug was reported by Natali Almeida.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Missed a TabPage's hotkeys management in the functions \_AddTabPage()

## and \_DeleteTabPage() in a TAB control.

## It exists in the official version too.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\Tab)

## \* Fixed: Problem with a ToolButton's hotkey assigning after a changing of

## the ToolButton 'Caption' property at runtime.

## It exists in the official version too.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo1.prg in folder \samples\Basic\CONTAINERS\TOOLBAR)

## \* Enhanced: Added the set/get 'Visible' property for the forms:

## - ThisWindow|<FormName>.Visible [ := | --> ] lBoolean

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\NOTIFYICON)

## \* Modified: The new Harbour function \_\_mvGetDef() was used instead of the

## combination of the \_\_mvExist()/\_\_mvGet() in the MiniGUI core.

## Note: It is required a latest Harbour version for a correct work.

## The compatibility with xHarbour compiler and Harbour version 3.4 is

## provided.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: Adaptation of MiniGUI core for compatibility with Visual C++ 2017

## 64-bit compiler (portable version):

## - added a missing casting for C++ mode into 35 modules;

## - updated casting in the TSBrowse and HbPrinter v.2.45 libraries.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: The function HMG\_Alert() supports now the optional 5-th and 6-th

## parameters for the icon's name and size.

## Syntax:

## HMG\_Alert( cText, [<aOptions>], [<cTitle>], [<nType>], ;

## [<cIcoName>], [<nIcoSize>] )

## where cIcoName is the icon's name defined by user;

## and nIcoSize is the icon's size (may be 32 [default], 48 or 64).

## You can use also the command DEFINE FONT DlgFont FONTNAME <name> ...

## for a tuning the font properties in the above function.

## Requested by Verchenko Andrey <verchenkoag@gmail.com>.

## Modified by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\WALERT\_2)

## \* Modified: The function WaitWindow() was improved for masking of a hidden

## border on form's top at Windows 10.

## Problem was reported by Pierpaolo Martinello.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\WAIT\_WINDOW)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: Draw GRAPH in Bitmap is based upon the BosTaurus library.

## Added the new command GRAPH BITMAP for PIE|BARS|LINES|POINTS graph.

## An algorithm of 'Graph Bitmap' was updated for compatibility with a

## graphic module in the MiniGUI core.

## Note: It is highly recommended to use Graph Bitmap instead of Graph

## Command because the painting is much more efficient and does not

## produce a flicker.

## Based upon a contribution of S. Rathinagiri <srgiri/at/dataone.in>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\BTGraph)

## - New: Added an alternative syntax for the following controls:

## - SplitBox;

## - Tab;

## - Tree.

## (see into the appropriate header's files)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added the new method FilterData( cFilter, lBottom, lFocus )

## in the TSBrowse class. Contributed by Sergej Kiselev

## (see demo in folder \samples\Advanced\Tsb\_ListBox)

## - modified and improved the method GotoRec( nRec [, nRowPos ] )

## in the TSBrowse class. Contributed by Igor Nazarov

## (see demo4.prg in folder \samples\Advanced\Tsb\_Basic)

## \* New: 'Change Font Test' sample. Borrowed from Official HMG distribution.

## Adapted by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Font\_2)

## \* New: 'Compare of standard command Draw Graph versus Graph Bitmap' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\GraphPrint\_Bitmap)

## \* New: 'Virtual Keyboard' sample.

## Contributed by Kristjan Zagar from Slovenija

## (see in folder \samples\Advanced\OnScreenKeyboard)

## \* Updated: 'Charts DBF' sample is based on the SELECTOR library of Janusz

## Piwowarski:

## - using of the GROUP clause of SQL command SELECT instead of

## the additional indexes to a temporary database.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Charts\_3)

## \* Updated: 'Print Pie Graph' sample: updated the data for September 2018.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'Replacement for Clipper ALERT() function' sample:

## - using of the user's defined Font and Icon in a message box.

## Contributed by Sergej Kiselev

## (see in folder \samples\Basic\WALERT\_2)

## \* Updated: 'BosTaurus library for a graph creation' sample:

## - using of the GRAPH BITMAP <GraphType> commands.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\BTGraph)

## \* Updated: 'TSBrowse: network opening of the database' samples:

## - New: a cloning line is added to the end of a database.

## - Fixed: vertical scrolling handling at add/delete of a data.

## Contributed by Sergej Kiselev

## (see demo3.prg in folder \samples\Advanced\Tsb\_Basic)

## \* Updated: 'TSBrowse Export data to XLS/XML/DOC/DBF files' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Advanced\Tsb\_Export)

## \* Updated: Modest sample (database editor and documentor):

## - fixed a program crash at cutting of a last item to collector.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\Modest)

## \* Updated: 'Simple app for creating backup of source files' sample.

## Based upon a contribution of Marek Olszewski <mol@pro.onet.pl>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\SOURCE\_ARCHIVER)

## HMG 18.09 Extended Edition

## 2018/09/27: Build 89

## \* Fixed: Wrong row position of a WHOLEDROPDOWN menu of a ToolButton which

## was placed into a Vertical PagerBox control.

## Bug was reported by Natali Almeida.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\CONTAINERS\PAGERBOX)

## \* Fixed: Revised a bitmap cleaning at the exit from a Preview window in

## a graph printing module at using of the recent xHarbour compiler.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo at folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## Added the set/get 'Enabled' property for the forms:

## - ThisWindow|<FormName>.Enabled [ := | --> ] lBoolean

## There are the following add-ons for a TREE control:

## - added a new command to support a sorting:

## TREESORT ControlName OF ParentName [ ITEM nItem ] ;

## [ RECURSIVE lRecursive ] [ CASESENSITIVE lCaseSensitive ] ;

## [ ASCENDINGORDER lAscendingOrder ] [ NODEPOSITION nNodePosition ]

## (see demo in folder \samples\Advanced\DirTree\_2)

## - enhanced Expand/Collapse methods: include recursive clause.

## Sample code:

## Form\_1.Tree\_1.Collapse (Form\_1.Tree\_1.Value, .T.) // Collapse All

## Form\_1.Tree\_1.Expand (Form\_1.Tree\_1.Value, .T.) // Expand All

## (see demo in folder \samples\Basic\TreeMenu\_2)

## - added the useful functions (and appropriate properties) below:

## - TreeItemIsTrueNode();

## - TreeItemGetNodeFlag();

## - TreeItemIsExpand();

## - TreeItemGetRootValue();

## - TreeItemGetFirstItemValue().

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: 'Bos Taurus' Graphics Library (see source in folder

## \Source\BosTaurus):

## - adapted for the MS Visual C++ 2017 compiler.

## Many thanks to Verchenko Andrey for his great help.

## - fixed the new warnings in a C-code.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added the new method AppendRow() in TSBrowse class.

## Contributed by Sergej Kiselev and Igor Nazarov

## (see demos in folder \samples\Advanced\Tsb\_Basic)

## - added the new method FilterFTS() in TSBrowse class.

## Contributed by Sergej Kiselev

## (see demo in folder \samples\Advanced\Tsb\_filter)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.25.2 (from 3.25.0dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2018-09-14 15:36):

## \* Updated: OpenSSL wrapper for using of the version 1.0.2p.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'How to create a child form with a modal behavior' sample.

## Requested by Anand Gupta on HMG forum.

## Based upon a contribution of HMG user Edward

## (see in folder \samples\Basic\ChildAsModal)

## \* New: 'Display of different fonts depending on the screen resolution' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Basic\ScreenMode)

## \* New: 'Test application' sample.

## Based upon a public domain C-code of Transmission Zero.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\TEST\_APPLICATION)

## \* New: 'Tree Menu' sample by Andres Gonzalez Lopez.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\TreeMenu\_2)

## \* New: 'Tree Sort Directory' sample by Claudio Soto.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\DirTree\_2)

## \* New: 'TSBrowse: network opening of the database' samples.

## Contributed by Igor Nazarov and Verchenko Andrey

## (see in folder \samples\Advanced\Tsb\_Basic)

## \* Updated: 'Tree with the images' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see ImageTree.prg in folder \samples\Basic\IMAGETREE\_2)

## \* Updated: 'Directory Tree' sample by Vladimir Chumachenko.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\IMAGETREE\_3)

## \* Updated: 'Progress bar using for showing of DBF's processing' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\PROGRESSBAR\_3)

## \* Updated: 'Memory File System usage' sample:

## - added copying of a memory table to a disk file.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\MEMORY\_TABLES).

## \* Updated: 'TSBrowse Export data to a XLS/XML file' sample:

## - fixed class Tsb2Xml2Xls for export of data to XML file.

## Contributed by Sergej Kiselev

## (see Tsb4xml.prg in folder \samples\Advanced\Tsb\_Brw2xml)

## 2018/08/31: HMG Extended Edition version 18.08 (Update 1).

## \* Fixed: A problem with defining of the columns in a TBROWSE control

## (introduced in the build 18.06).

## Bug was reported by Henry Herrera.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: 'TSBrowse Export data to a XLS/XML file' sample:

## - added a color's management in the class Tsb2Xml2Xls.

## Contributed by Sergej Kiselev

## (see Tsb4xml.prg in folder \samples\Advanced\Tsb\_Brw2xml)

## \* Updated: 'TSBrowse Export data to XLS/XML/DOC/DBF files' sample:

## - added an export of a logo picture and subtitle of a table

## for XLS and DOC formats.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Advanced\Tsb\_Export)

## HMG 18.08 Extended Edition

## 2018/08/30: Build 88

## \* Fixed: Detected resource leakage at a long changing of a notify icon.

## It exists in the official version too.

## Problem was reported by Sasha Savov <savovs/at/gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\INET\_CHECKER)

## \* Fixed: Processing of the 'ColumnWidthLimits' property in a Grid at the

## column's adding (problem was introduced in the build 18.07).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\ReadXLS)

## \* New: A Grid control supports an optional Grouping feature.

## As its name suggests, this feature allows you to group items based

## on a particular information. It's conceptually a way to create

## horizontal columns to group related sets of items, and use the

## ListView a bit like a simplified grid control.

## This feature have the following properties and methods:

## - <Window>.<Grid>.GroupEnabled [ := | -->] lBoolean

## - <Window>.<Grid>.GroupDeleteAll

## - <Window>.<Grid>.GroupDelete ( nGroupID )

## - <Window>.<Grid>.GroupExpand ( nGroupID )

## - <Window>.<Grid>.GroupCollapsed ( nGroupID )

## - <Window>.<Grid>.GroupAdd ( nGroupID [, nPosition ] )

## - <Window>.<Grid>.GroupInfo ( nGroupID ) [ := | -->]

## { [cHeader], [nAlignHeader], [cFooter], [nAlingFooter], [nState] }

## - <Window>.<Grid>.GroupItemID ( nItem ) [ := | -->] nGroupID

## - nAlignHeader & nAlingFooter -->

## GRID\_GROUP\_LEFT | GRID\_GROUP\_CENTER | GRID\_GROUP\_RIGHT

## - nState --> GRID\_GROUP\_NORMAL | GRID\_GROUP\_COLLAPSED

## - <Window>.<Grid>.GroupDeleteAllItems ( nGroupID )

## - <Window>.<Grid>.GroupGetAllItemIndex ( nGroupID ) --> anItemIndex

## - <Window>.<Grid>.GroupCheckBoxAllItems ( nGroupID ) := lCheck

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Grid\_Groups)

## \* New: Added a possibility to set/get the following hidden properties in

## a Grid/Browse control at runtime:

## Form.Browse.HeaderDragDrop [ := | -->] lBoolean

## Form.Grid.InfoTip [ := | -->] lBoolean

## The default value of the above properties is TRUE

## (introduced in the build 2.4.5).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\ListViewEx)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: it is possible to assign any data type or a list of data

## in a Label control, e.g.

## @ ... LABEL ... VALUE xDataType

## Form.Label.Value := xDataType

## Form.Label.Value := { xDataType, xDataType, ... }

## (see demo in folder \samples\Basic\DirectoryRecurse)

## - New: it is possible to set/get the following properties in a

## Grid/Browse control at runtime:

## Form.Browse.PaintDoubleBuffer [ := | -->] lBoolean

## (see Browse6.prg in folder \samples\Basic\Browse\_3)

## Form.Grid.CheckBoxEnabled [ := | -->] lBoolean

## (see demo in folder \samples\Basic\CheckBox\_Grid)

## - Fixed: 'This' object reference incorrect on Grid VALID procedure.

## (see demo in folder \samples\Basic\Grid\_Virtual)

## - Modified: when loads a Grid control and 'ColumnControls' property

## is NIL then converts automatically any data type in a text type,

## this avoids that column appears with the empty values.

## (see demo4.prg in folder \samples\Basic\Grid\_Test)

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: The improved function cValToChar() was moved to MiniGUI core.

## A dependance of Minigui core from the tsbrowse library was removed

## (introduced in the build 18.02).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\Grid\_Test)

## \* Updated: Minor modifications in a MiniGUI core for compatibility with a new

## Pelles C 9.0 (64-bit) and xHarbour build 10241.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - New: added the optional code block :bEncode in TSColumn class.

## - New: added the optional code block :bValue in TSColumn class.

## - Modified: replace Eval( oCol:bData ) with ::bDataEval( oCol ).

## - Updated: modifications in the methods bDataEval() and PostEdit().

## - Updated: modification in the methods DrawLine() and DrawSelect().

## Suggested and contributed by Sergej Kiselev.

## - Updated: minor corrections in the method ExcelOle().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2018-06-04 01:30):

## \* Updated: OpenSSL wrapper for using of the version 1.0.2o.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'How to set/get a number of visible rows in a Grid control' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo4.prg in folder \samples\Basic\Grid\_Test)

## \* New: 'Simple app for test of Virtual Grid' sample.

## Based upon a contribution of Marek Olszewski <mol/at/pro.onet.pl>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Grid\_Virtual)

## \* Updated: 'Print Pie Graph' sample: updated the data for July 2018.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'Hyper Link' sample: added calling of the function HMG\_CallDLL().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\HYPERLINK)

## \* Updated: MAINDEMO (SYNTAX I) sample: updated a notify icon handling.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see at folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Updated: 'Multi RichEditEx' sample:

## - fixed the Save options without an opened RTF file.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Advanced\RicheditEx\_2)

## \* Updated: 'TSBrowse Export data to a XLS/XML file' sample:

## - added a new class Tsb2Xml2Xls for export of data to XML file.

## Contributed by Sergej Kiselev

## (see Tsb4xml.prg in folder \samples\Advanced\Tsb\_Brw2xml)

## HMG 18.07 Extended Edition

## 2018/07/31: Build 87

## \* Fixed: Collision of 'OnDisPLAYChange' method with AnimateBox 'Play' method

## (introduced in the build 18.06).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: DATEPICKER/TIMEPICKER supports BackColor definition for text box

## (based upon the undocumented trick with an erase background event).

## Warning: this feature will work at NO THEMED WinXP or earlier only.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\DatePicker)

## \* Enhanced: The Grid control supports the optional COLUMNWIDTHLIMITS clause

## and corresponding ON DRAGHEADERITEMS event.

## Above clause specifies the limits for the column's width which will

## allowed at the dragging of a column's border via a mouse.

## Syntax:

## @ <row>,<col> GRID <name> [ OF <parent> ] ;

## [ WIDTH <nWidth> ] [ HEIGHT <nHeight> ] ;

## [ HEADERS <aHeaders> ] [ WIDTHS <aWidths> ] ;

## [ ITEMS <aItems> ] [ VALUE <value> ]

## [ COLUMNWIDTHLIMITS <aWidthLimits> ]

## [ ON DRAGHEADERITEMS <bAction> ]

## where the array aWidthLimits should have the following values

## for an each column: { nMinWidth, nMaxWidth } or NIL.

## You can set above property at runtime:

## Win.Grid.ColumnWidthLimits := aMinMax

## SetProperty( Form, Grid, 'ColumnWidthLimits', aMinMax )

## Sample code:

## Local aMinMax := {}, i

## Form\_1.Grid\_1.ColumnsAutoFit()

## For i := 1 To GetProperty("Form\_1", "Grid\_1", "ColumnCount")

## AAdd(aMinMax, {Form\_1.Grid\_1.ColumnWidth(i), Form\_1.Grid\_1.ColumnWidth(i)})

## Next

## Form\_1.Grid\_1.ColumnWidthLimits := aMinMax

## The DRAGHEADERITEMS event will be executed after a changing of

## a header item's position.

## Based upon a contribution of HMG user KDJ.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Grid\_ColumnsWidth)

## \* Enhanced: The 'System' and 'Application' objects supports the following

## read only properties:

## - System.ClientWidth

## - System.ClientHeight

## - Application.FontName

## - Application.FontSize

## Contributed by Sergej Kiselev

## (see demo in folder \samples\Advanced\APP\_OOPTSBBOX)

## \* Updated: Minor modifications for compatibility with Viktor's Harbour fork

## 3.4.0 and Borland/Embarcadero C++ 7.3 (32-bit).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - New: added the optional code block :bDecode in TSColumn class.

## - New: added the method AddProperty() in TSColumn class.

## - Updated: small correction in the methods KeyDown() and LDblClick().

## Suggested and contributed by Sergej Kiselev.

## - Enhanced: export more than 26 columns in the method ExcelOle().

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.25.0dev (from 3.24.0).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbXlsXml extras library (see source in folder \Source\HbXlsXml):

## - improved a codepage handling to be more universal.

## Contributed by Sergej Kiselev

## \* Updated: HMGS-IDE v.1.4.3.4 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'TSBrowse OOP TSBBOX usage' sample.

## Contributed by Sergej Kiselev

## (see in folder \samples\Advanced\APP\_OOPTSBBOX)

## \* New: 'TSBrowse ListBox custom class usage' sample.

## Contributed by Igor Nazarov.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\Tsb\_ListBox)

## \* Updated: 'Print Pie Graph' sample: updated the data for June 2018.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'Grid Columns Width' sample by HMG user KDJ.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Grid\_ColumnsWidth)

## \* Updated: 'Report Generator 2':

## - Enhanced: you can modify your report without recompiling a program.

## It must be considered as experimental feature.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo2.prg in folder \samples\Advanced\REPORT\_GENERATOR\_2)

## \* Updated: 'TSBrowse Demo' sample:

## - fixed the internal function ComboBrowse().

## The bugs were reported by Sylvain Larche.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\TSBrowse)

## \* Updated: 'TSBrowse Export data to a XLS/XML file' sample.

## - fixed a wrong color's conversion.

## Contributed by Igor Nazarov

## (see in folder \samples\Advanced\Tsb\_Brw2xml)

## \* Updated: 'TSBrowse Export data to XLS/XML/DOC/DBF files' sample:

## - added an export of data to OO Calc;

## - added read/write a browse data from/to an external file.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Advanced\Tsb\_Export)

## HMG 18.06 Extended Edition

## 2018/07/04: Build 86

## \* Fixed: Missed 'XObject' property reference in the GetProperty() function.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Advanced\GoogleCharts)

## \* Fixed: Missed 'OnDisplayChange' property reference in the Set/GetProperty()

## functions. Problem was reported by Matis Barna.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: The MODAL windows supports an optional FLASHEXIT clause.

## This feature allows a soft exit from a modal form at a lost focus.

## Suggested by Sergej Kiselev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MODAL\_FLASHEXIT)

## \* Modified: Added Min and Max range for the NON CLIENT attributes of windows

## according to the Windows requirements.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: Added the useful function EnumChildWindows( hWnd [, lExt] ) for

## retrieving of array of the child windows for a parent window handle.

## This implementation is compatible with Official HMG if a second

## parameter is false (default value).

## Based upon a contribution of Petr Chornyj <myorg63/at/gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see SumatraPDF.prg in folder \samples\Advanced\PdfView)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: SET DIALOGBOX POSITION: Sets the position of the dialog boxes

## (GetColor, GetFile, GetFolder, GetFont, MessageBoxTimeout, MsgXXX,

## PutFile, SELECT PRINTER, etc.)

## Added the following commands:

## - SET DIALOGBOX [ POSITION ] ROW <nRow>|<@VarCodeBlockRow>|<NIL> ;

## COL <nCol>|<@VarCodeBlockCol>|<NIL>

## - SET DIALOGBOX [ POSITION ] CENTER OF PARENT

## - SET DIALOGBOX [ POSITION ] CENTER OF <hWnd>

## - SET DIALOGBOX [ POSITION ] CENTER OF DESKTOP

## - SET DIALOGBOX [ POSITION ] DISABLE

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\MoveDialogBox)

## \* Updated: 'MiniGUI Extended Edition Common Commands' list:

## - added the recent entered commands.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at commands.txt in folder \Doc)

## \* Updated: The .HBX files were generated for the contrib libraries.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see \*.hbx in folder \harbour\include)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - New: added the optional OBJ clause in DEFINE TBROWSE command.

## - New: added the optional ALIAS clause in DEFINE COLUMN command and

## the variable :cField in TSColumn class.

## - New: added the optional code block :bSeek in TSColumn class.

## - New: methods DefColor()(), DefFont() and Clone() in TSColumn class.

## - New: methods SaveProperty() and RestProperty() in TSColumn class.

## - New: methods SetProperty() and GetProperty() in TSColumn class.

## - Updated: improved the methods GetValue(xCol) and SetValue(xCol, xVal).

## - Updated: improved a colors processing with using of aColors items

## number, f.e.

## { CLR\_TEXT, RGB( fontcolor[1], fontcolor[2], fontcolor[3] ) }

## { CLR\_PANE, RGB( backcolor[1], backcolor[2], backcolor[3] ) }.

## Suggested and contributed by Sergej Kiselev

## (see demo in folder \samples\Advanced\APP\_OOPCOLUMNS)

## \* Updated: Harbour Compiler 3.2.0dev (CLE 2018-06-04 01:30):

## \* hbrdd and hbrtl were compiled with default switch -gc3 instead -gc0

## for acceleration of the Harbour core.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Labels as buttons' sample.

## Based upon a contribution of HMG user KDJ.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\LABEL\_5)

## \* New: 'Using DEFINE COLUMN commands as container for design of TBROWSE' sample.

## Contributed by Sergej Kiselev

## (see in folder \samples\Advanced\APP\_OOPCOLUMNS)

## \* New: 'Get Tasks' sample is based on calling of EnumChildWindows() function.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\GETTASKS)

## \* New: 'Google Charts' samples: using of a static image and a html file.

## Based upon a contribution of HMG user Edward.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\GoogleCharts)

## \* New: 'TSBrowse Export data to XLS/XML/DOC/DBF files with a coloring' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Advanced\Tsb\_Export)

## \* Updated: 'Move a standard dialog box in the screen' sample:

## - added an example of centering of the GetFolder() dialog related to

## an application's window.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\MoveDialogBox)

## \* Updated: 'Harbour Script Usage' sample.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Advanced\RunScript)

## \* Updated: The following samples are revised for compatibility with the recent

## Minigui modification:

## - demo2.prg in folder \samples\Advanced\ExternalApp\_3;

## - demo3.prg in folder \samples\Basic\TaskDialogs\TTaskDialog;

## - mpm.prg in folder \Utils\MPM.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## HMG 18.05 Extended Edition

## 2018/06/06: Build 85

## \* Fixed: Program crash at using of ANIMATERES User Component

## (introduced in the build 17.11).

## Problem was reported by Pierpaolo Martinello.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\AVI\_Animation)

## \* New: Added possibility to set/get of the NON CLIENT attributes of windows

## at runtime.

## You can get the following properties with the functions:

## - GetWindowBorderSize();

## - GetScrollBarSize();

## - GetTitleBarWidth() and GetTitleBarHeight();

## - GetMenuBarSize().

## You can set these properties with the commands:

## SET WINDOW BORDER TO <nPixels>

## SET SCROLLBAR [SIZES] TO <nPixels>

## SET TITLEBAR [ WIDTH | HEIGHT ] TO <nPixels>

## SET [STANDARD] MENU [SIZES] TO <nPixels>

## Warning: Settings of the above attributes will affect on the all

## opened windows of the external applications also.

## Please use these possibilities with a caution.

## Added the new commands to support a font tuning:

## SET TITLEBAR FONT TO <fontname>, <fontsize> [BOLD] [CHARSET <n>]

## SET [STANDARD] MENU FONT TO <fname>,<fsize> [BOLD] [CHARSET <n>]

## SET STATUSBAR FONT TO <fontname>, <fontsize> [BOLD] [CHARSET <n>]

## SET MESSAGEBOX FONT TO <fontname>, <fontsize> [BOLD] [CHARSET <n>]

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\SETNONCLIENT)

## \* Modified: A minor optimization in the Browse control:

## - added static function RestoreWorkArea( <Alias> ).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\DATA\_BOUND)

## \* Updated: Internal OOP: improved function Do\_Obj().

## Suggested and contributed by Sergej Kiselev

## (see demo in folder \samples\Advanced\APP\_OOPREPORT)

## \* Updated: Config file of hbmk2 utility:

## - obsolete HbOle library is not required for Harbour anymore.

## It was replaced with using of the hbwin and xhb contrib libraries.

## Remark: It was a postponed modification.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see minigui.hbc in folder \harbour\bin)

## \* Updated: PScript library source code (see in folder \Source\PageScript).

## Contribution of Richard Visscher <richard/at/irvis.com>

## (see demo in folder \samples\Advanced\PageScript and

## help file PageScript.chm in folder \Doc)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - New: added method SetKeyEvent() in TSColumn class.

## Sample code:

## oBrw:aColumns[nCol]:SetKeyEvent(VK\_F2, {|og,vk| ProcessKey(og,vk)})

## Suggested and contributed by SergKis.

## - Updated: minor corrections in the method ExcelOle().

## Requested by Verchenko Andrey <verchenkoag@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\Tsb\_Brw2xml)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.24.0 (from 3.23.1).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2018-05-11 12:23):

## \* Updated: OpenSSL wrapper for using of the version 1.0.2n.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.4.3.3 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'My Error Function' sample is based upon the Harbour DerError function.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\MyErrorFunc\_2)

## \* New: 'Virtual Keyboard' sample. Based upon a contribution of Paulo Toledo.

## (see in folder \samples\Basic\VIRTUALKBD)

## \* New: 'Process Terminator' sample is based upon the WMI command line

## 'process <ProcessId> delete'.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Advanced\PROCESS\_TERMINATOR)

## \* Updated: 'Calculator' sample: the numerous improvements.

## Don't miss this very interesting expansion!

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Basic\Calc)

## \* Updated: OLE sample:

## - New: added Excel 3D Chart creation;

## - Modified: using of win\_OleAuto class from hbwin library instead of

## TOleAuto class from HbOle library.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\OLE)

## \* Updated: 'ActiveX Report Generator' sample:

## - added permit of execution of a file with admin's privilege request.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Advanced\ActiveX\_Report)

## \* Updated: 'Bmp To Jpg' sample:

## - use BosTaurus library for saving of a BMP image to JPEG format

## instead of an external DLL.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\BmpToJpg)

## \* Updated: 'Ftp Client' sample based upon the TIP library:

## - restyling of site Manager with ultimation of code for mask/unmask

## password;

## - added the ability to set up the initial folder on a server;

## - added the ability to enable/disable a log file;

## - added columns sort feature on a client side;

## - added backward navigation on a server side.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Advanced\FtpClient)

## \* Updated: 'Print List' samples: fixed a crash at Excel closing.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\print\_list)

## \* Updated: The following samples are revised for compatibility with the recent

## Minigui modifications:

## - \samples\Basic\CONTACTOS\_3;

## - \samples\Advanced\CONTROL\_PANEL;

## - \samples\Advanced\GregorianCalendar;

## - \samples\Advanced\ReadXLS;

## - \samples\Advanced\TSBrowse;

## - \samples\Applications\Daily;

## - \samples\Applications\DBFview;

## - \samples\Applications\MiniGraph.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## HMG 18.04 Extended Edition

## 2018/04/18: Build 84

## \* Fixed: Restored a normal behavior the 'Checked' and 'Value' properties of

## CHECKLABEL control (introduced in the build 17.12).

## Problem was reported by Hans Schiltmans <hansmarcelle[@]yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\CheckLabel\_2)

## \* Fixed: Problem with a showing of the additional information in the ErrorLog

## at using of xHarbour compiler (introduced in the build 2.3.9).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\ShowDetailError)

## \* Fixed: Program crash at the exit from a Preview window in a graph printing

## module at using of recent xHarbour compiler.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Charts\_3)

## \* Enhanced: Added the helpful C-level function GetLastError().

## Above function returns the error code of the last API function called.

## Most API functions merely return a number saying that an error occured,

## but not what kind of error. This function will return a universal error

## code identifying the type of error that last occured.

## Note that most functions set the code to 0 (success) if the function

## completes successfully, erasing the previous error code. Therefore,

## be sure to check this error code immediately after an error is found.

## Suggested and contributed by user on the Russian HMG forum.

## (see demo in folder \samples\Basic\COMMON\_DIALOGS)

## \* Modified: The Spinner control supports the similar tooltip for the arrows as

## well for an edit field. Above behavior is similar to DatePicker control.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\SPINNER)

## \* Modified: The minor optimizations for a MiniGUI core reducing in the some

## functions: replace the expression hb\_default( @<var>, <value> ) with

## hb\_defaultValue( <var>, <value> ).

## It's useful for two main reasons:

## 1) we do not damage original parameter value;

## 2) if parameter is used only once then it's a little bit faster.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HBPrinter library v.2.44:

## - Fixed: conflict with xHarbour internal class NUMERIC (nasty bug).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbOLE library source code:

## - updated for compatibility with Viktor's Harbour fork 3.4.0.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Source\HbOLE)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - minor corrections in the method ExcelOle().

## Requested by Verchenko Andrey <verchenkoag@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\Tsb\_Brw2xml)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.23.1 (from 3.23.0dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: 'Get User Locale Numerics' sample.

## Based upon a contribution of HMG user Edward.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\GetUserLocaleInfo)

## \* Updated: 'Check User Login in the transparent form' sample:

## - retrieve the image sizes from an application's resource.

## Requested by Verchenko Andrey <verchenkoag@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Login\_2)

## \* Updated: 'StatusBar with ProgressBar' sample:

## - use the function SuppressKeyAndMouseEvents() for blocking

## of the mouse and keyboard pressing in a loop.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\StatusBar\_ProgressBar)

## \* Updated: 'DBF Header Info' sample:

## - code cleaning for warnings with Harbour switch -w3.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\dbfHeaderInfo)

## \* Updated: 'Print Pie Graph' sample: updated the data for March 2018.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: MAINDEMO (SYNTAX I) sample:

## - updated a graph printing for compatibility with xHarbour.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see at folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Updated: 'HbXlsxWriter library test' samples:

## - New: creating the simple Excel charts in XLSX file.

## - New: adding an autofilter to a worksheet in Excel.

## - New: create Excel worksheets with panes.

## - New: cell locking and formula hiding in an Excel worksheet.

## - New: how to set Excel worksheet tab colors.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see examples in folder \samples\Advanced\HbXlsxWriter)

## \* Updated: 'Harbour librarian' utility: added export of content to Excel.

## Suggested and contributed by BP Dave <bpd2000[@]gmail.com>.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\HB\_LIB)

## HMG 18.03 Extended Edition

## 2018/03/28: Build 83

## \* Fixed: Missed update of a dynamic color at column sorting in a GRID control.

## Problem was reported by Vagelis Prodromidis.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: 'PDF Printer' library is based upon the Harbour HaruPDF class:

## - declaration of the object THaruPdf:

## PRINT <oPrint> TO HARU [ FILE <cFile> ] ;

## [ <lPreview: PREVIEW> ] ;

## [ USER PASS <cUserpass> ] ;

## [ OWNER PASS <cOwnerpass> ] ;

## [ PERMISION <nPermision> ]

## - start and end of page

## PRINTPAGE

## ...

## ENDPAGE

## - end of printing

## ENDPRINT

## (see source in folder \Source\PdfPrinter)

## Based upon a contribution of Carlos Mora for FiveWin.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\PdfPrinter\_Test)

## \* Enhanced: The colored ButtonEx control supports also a definition of gradient

## color for a MouseHover event through the BACKCOLOR <aGradient> clause

## (also as and a pressed gradient).

## - New: Added the read/write properties 'GradientFill' and

## 'GradientOver' for ButtonEx control.

## You can set above properties at runtime as usually:

## Win.ButtonEx.GradientFill := aGradFill

## SetProperty( Form, Control, 'GradientOver', aGradOver )

## or with 'This' object reference

## This.GradientFill := aGradFill

## This.GradientOver := aGradOver

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo4.prg in folder \samples\Basic\ButtonEx)

## \* Enhanced: WebCam: added the useful function cap\_SetVideoFormat().

## Syntax: cap\_SetVideoFormat( Win.Camera.Handle, <width>, <height> )

## Requested by user on Russian HMG forum.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: Added the useful function SuppressKeyAndMouseEvents() for blocking

## of the mouse and keyboard pressing at the event's processing.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\PROGRESSBAR)

## \* Modified: The minor optimizations for a speed (and stability) improvement

## in the some internal functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Internal OOP class TWndData: improved method DoEvent().

## Suggested and contributed by Sergej Kiselev

## (see demo in folder \samples\Advanced\APP\_OOPEVENTS)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: Added the useful functions HMG\_KeyboardClearBuffer() and

## HMG\_MouseClearBuffer().

## Contributed by Claudio Soto at official HMG forum.

## - New: Addition of 455 new colors definitions

## Contributed by Grigory Filatov

## (see i\_wincolor.ch in folder \include)

## \* Updated: The .HBX files were generated with hbmk2 utility for the all basic

## libraries. Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see \*.hbx in folder \include)

## \* Updated: HMG\_HPDF library (see source in folder \source\HMG\_HPDF):

## - New: Added the new global commands:

## SET HPDFDOC FONT NAME TO <cFontName>

## SET HPDFDOC FONT SIZE TO <nFontSize>

## Remark:

## The command SET HPDFDOC FONT NAME TO restores the "Helvetica" font

## as the default.

## SET HPDFDOC FONT SIZE TO - restores font size 12 as the default.

## (see demo in folder \samples\Advanced\PDF\_PRINT)

## - Fixed: STRIKEOUT and UNDERLINE options also works with ANGLE clause.

## - Fixed: validation/selection of fonts in the function \_HMG\_HPDF\_SetFont().

## - New: Added the new print commands:

## @ <Row>, <Col> HPDFPRINT SKEW <cText> ...

## @ <Row>, <Col> HPDFPRINT SCALE <cText> ...

## @ <Row>, <Col> HPDFPRINT RENDER <cText> ...

## @ <Row>, <Col> HPDFPRINT CIRCLED TEXT <cText> ...

## Based upon a contribution of HMG user Edward

## (see demo in folder \samples\Advanced\PDF\_PRINT\_3)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added the new method AdjColumns( [ aColumns ] [, nDelta ] ).

## Contributed by Sergej Kiselev

## (see demo in folder \samples\Advanced\APP\_OOPREPORT)

## - minor corrections in the methods ExcelOle() and Excel2().

## - basic numerical colors were moved from the header file tsbrowse.ch

## to i\_color.ch (it is helpful for assignment of a gradient color).

## Requested by Verchenko Andrey <verchenkoag@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.23.0dev (from 3.22.0).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2018-03-16 19:10).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.4.3.2 Project Manager and Two-Way Visual Form Designer.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'Modify menu item test' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see menudemo1.prg in folder \samples\Basic\Menu)

## \* New: 'Using OOP events for creation of the reports' sample.

## Contributed by Sergej Kiselev

## (see in folder \samples\Advanced\APP\_OOPREPORT)

## \* Updated: 'Print Pie Graph' sample: updated the data for February 2018.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'MiniPrint Demo' sample: added output of printing to a PDF file.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\MiniPrint)

## \* Updated: 'Shutdown Of Called Process' sample:

## - added a workaround to catch a process Id at Windows 64-bit.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\GoStop)

## \* Updated: 'MySql Client' sample:

## - increased quantity of the tables in a project to 999;

## - fixed program crash at a quick moving across a tables list

## due to a latency of the queries in the procedure UpdateData().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\MySqlClient)

## \* Updated: 'TSBrowse Export data to a XLS/XML file' sample.

## Contributed by Igor Nazarov and Verchenko Andrey

## (see in folder \samples\Advanced\Tsb\_Brw2xml)

## \* Updated: 'WebCam preview and capture' sample:

## - use BosTaurus library for capturing an image from clipboard and

## saving of above image to JPEG format instead of local code.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\WebCam\_2)

## HMG 18.02 Extended Edition

## 2018/02/28: Build 82

## \* Enhanced: The RadioGroup control supports an optional AUTOSIZE clause now.

## It will be useful for definition of the Horizontal RadioGroup with

## a variable width of the items.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\RadioGroup\_nofixed)

## \* Modified: The Report Generator by Roberto Lopez was moved to MiniGUI core

## from the samples (see help file report.txt in folder

## \samples\Advanced\REPORT\_GENERATOR).

## Output of the reports is possible to printer or HTML and PDF formats.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Report\_Test)

## \* Modified: The Clipper Alert() compatible function was moved to MiniGUI core.

## Syntax:

## HMG\_Alert( cText, [<aOptions>], [<cTitle>], [<nType>] )

## where cText as in Clipper, let's separate the lines with semicolon.

## Suggested by Pierpaolo Martinello.

## Based upon a code of Francisco Garcia Fernandez for FiveWin.

## Modified for MiniGUI Ex by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\WALERT\_2)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: Added the command CHECK TYPE [ SOFT ] <var1> AS <type1> [ ,

## <var2> AS <type2> [ , <varN> AS <typeN> ] ] for checking at runtime

## the specified type of a variable or function/procedure parameter.

## Where:

## <Var> is the name of variable;

## <Type> is one of the following variable types:

## ARRAY, BLOCK, CHARACTER, DATE, HASH, LOGICAL, NIL, NUMERIC, MEMO,

## POINTER, SYMBOL, TIMESTAMP, OBJECT, USUAL (in the last case the

## variable can take any of the above types, in the practice the

## variable type is not checked).

## When the SOFT clause is specified the variable can take the NIL

## value or the specified value, otherwise the variable can take only

## the value which is specified in the command.

## The checking the type of a variable or a function/procedure parameter

## is useful for a minimization of input errors (defensive programming).

## If any of the variables do not have the specified type an error

## message is displayed and the program is aborted.

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>

## \* Updated: Added new methods in the internal OOP classes TWndData, TCnlData

## and TTsbData.

## Suggested and contributed by Sergej Kiselev.

## \* Updated: Function HttpConnect modified to use TUrl and TIpClientHttp classes

## instead of THttp class from Socket library. Also modified to accept a

## reference to a variable instead of the name of a variable.

## Added HEADERS clause to GET URL command to retrieve only the page's

## headers.

## Added NOHEADERS clause to GET URL command to retrieve only the page's

## DATA.

## Added OBJ clause to OPEN CONNECTION command to enable the use of

## variable's reference instead of a variable's name.

## Based upon a code borrowed from OOHG.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Http)

## \* Updated: The ProcInfo library code was modified by Pierpaolo Martinello:

## - added the NoWarn parameter and returned result in the functions

## KillProcess() and SetPriorityToProcess().

## (see procinfo.txt for description in folder \samples\Advanced\ProcInfo)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added processing of a row height in the method Excel2().

## Contributed by Igor Nazarov.

## - added cleaning of variable :aBitMaps in the method Destroy().

## (see demo in folder \samples\Advanced\Tsb\_BitMaps)

## - added the new methods GetValue( xCol ) and SetValue( xCol, xVal ).

## Contributed by Sergej Kiselev

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.22.0 (from 3.22.0dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2018-02-12 10:00):

## \* New: Added HbXlsXml extras library.

## Contributed by Igor Nazarov (see source in folder \Source\HbXlsXml);

## \* Updated: HbNetIO contrib library;

## \* Updated: SddODBC contrib library.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.4.3.1 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'Variable RadioGroup horizontal nofixed' sample.

## Based upon a contribution of Pierpaolo Martinello

## (see in folder \samples\Basic\RadioGroup\_nofixed)

## \* New: 'Making an animation in windows' sample.

## Based upon a C-code of Brook Miles (was written in 2002).

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ANIMATION)

## \* New: 'Text Case Conversion' sample.

## Based upon a contribution of Bicahi Esgici.

## Adapted for Minigui Extended by Pierpaolo Martinello

## (see in folder \samples\Advanced\CaseConvert)

## \* New: 'TSBrowse Export data to a XML file' sample (based on HbXlsXml library).

## Contributed by Igor Nazarov and Verchenko Andrey

## (see in folder \samples\Advanced\Tsb\_Brw2xml)

## \* New: 'Using OOP events for windows and controls' sample.

## Contributed by Sergej Kiselev.

## (see in folder \samples\Advanced\APP\_OOPEVENTS)

## \* Updated: 'Print Pie Graph' sample: updated the data for January 2018.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'OptionBox() function' sample: using AUTOSIZE clause of RadioGroup.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\OptionBox)

## \* Updated: 'MailBox Checker' sample:

## - avoided error in case of double opening of Form\_2;

## - changed cryptography routines due to the found out errors.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Advanced\CHECKMAILBOX)

## \* Updated: 'PDF Form Filler' sample:

## - adapted to Windows 10 64-bit and Acrobat Reader DC.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Advanced\PDF-FILLER)

## \* Updated: 'Report Generator' sample by Roberto Lopez <harbourminigui@gmail.com>:

## - updated for compatibility with the latest Minigui core changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\REPORT\_GENERATOR)

## \* Updated: 'Report Generator 2':

## - updated for compatibility with the latest Minigui core changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Advanced\REPORT\_GENERATOR\_2)

## \* Updated: 'Using of TSBrowse for a table from an array' sample:

## - misc bugfix.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Advanced\Tsb\_array\_3)

## \* Updated: 'Partial seek in TsBrowse' sample.

## Based upon a contribution of Sergej Kiselev

## (see in folder \samples\Advanced\Tsb\_seek)

## \* Updated: 'Get Windows Version string' sample: added Windows 10 detection.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\WinVersion\_2)

## \* Updated: 'Safety Scan' sample: using AUTOSIZE clause of RadioGroup.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\SafetyScan)

## \* Updated: 'SendMailReport Enhanced 1.7' sample:

## - changed cryptography routines due to the found out errors.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Applications\SendMailReport)

## \* Updated: 'DBF Browser' sample:

## - updated for compatibility with the latest Minigui core changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\hmg\_dbview)

## HMG 18.01 Extended Edition

## 2018/01/24: Build 81

## \* Fixed: A typo in the imagelist processing prevented the use of the imagelist

## without a mask (introduced in the build 2.5.4).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see test01 and test04 in folder \samples\Advanced\TDatabase)

## \* Enhanced: Loading the images from an external DLL was supported for the

## following controls:

## - Browse

## - BtnTextBox

## - CheckLabel

## - ComboBoxEx

## - Folder

## - GetBox

## - Grid

## - ImageCheckButton

## - ImageList

## - StatusBar

## - Tab

## - ToolBar[Ex]

## - Tree

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see sample in folder \Utils\QBGen)

## \* Modified: A return of the function IsThemed() was assigned to a variable of

## the public \_HMG\_SYSDATA array for a speed improvement of MiniGUI core.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: Added the new function GetDeskTopArea() --> aRect.

## Returns coordinates of Desktop window excluding Taskbar.

## Usage:

## aRect := GetDeskTopArea() // { left, top, right, bottom }

## nDeskTopWidth := aRect[ 3 ] - aRect[ 1 ]

## nDeskTopHeight := aRect[ 4 ] - aRect[ 2 ]

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\FrameWork)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: Added the 'Redraw' method for all windows and controls.

## You can apply this method via:

## - function syntax:

## DoMethod ( Form, "Redraw" )

## DoMethod ( Form, Control, "Redraw" )

## - pseudo-OOP syntax:

## Form.Redraw

## Form.Control.Redraw

## - common syntax: This.Redraw

## - windows only syntax: ThisWindow.Redraw

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>

## (see demo in folder \samples\Advanced\Curves)

## - Modified: A correction of a default value of the SPACING property

## for the Horizontal RadioGroup control (it's equal zero now).

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Internal OOP class TWndData:

## - added the new variable lAction and method Release().

## Suggested and contributed by Sergej Kiselev.

## \* Updated: PScript library source code (see in folder \Source\PageScript).

## Contribution of Richard Visscher <richard/at/irvis.com>

## (see demo in folder \samples\Advanced\PageScript and

## new help file PageScript.chm in folder \Doc)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - a small correction in the method DelColumn().

## Contributed by Igor Nazarov.

## - improved handling of the variable :lEnabled and method Enabled();

## - added processing of the footers in the method Excel2().

## (see demo in folder \samples\Advanced\Tsb\_array\_3)

## Suggested and contributed by Sergej Kiselev.

## \* Updated: WinReport library:

## - mitigated annoying debugger messages by printing incorrect barcodes.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see source in folder \Source\WinReport)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.22.0dev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2018-01-05 15:38).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'HMG internal hotkeys processing' sample.

## Based upon a contribution of Pablo Cesar Arrascaeta.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\HotKeys)

## \* New: 'Using a menu definition from external DLL' sample:

## - added a function for loading of all Accelerator keys as

## character array and verify of a cross with the hotkeys.

## Based upon a contribution of Petr Chornyj <myorg63/at/gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\MenuDLL)

## \* New: 'Using a Dialog definition from external DLL' sample.

## Based upon a contribution of Janusz Pora <januszpora/at/onet.eu>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\TimerDLL)

## \* New: 'Using of TSBrowse for a table from an array' sample:

## - table dimensions;

## - table colors;

## - export table to Excel.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Advanced\Tsb\_array\_3)

## \* New: 'How to hide/show a Tab page(s) at runtime' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo3.prg in folder \samples\Basic\Tab\_3)

## \* New: 'Using of a context menu for the Image, Label and Button' sample.

## Contributed by Sergej Kiselev and Verchenko Andrey

## (see in folder \samples\Basic\MENU\_Picture)

## \* Updated: 'Print Pie Graph' sample: updated the data for December 2017.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: MAINDEMO (SYNTAX I) sample:

## - modified: save window in PNG format,

## - updated for compatibility with xHarbour.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see at folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Updated: 'Using a menu definition from the resources of an application'

## sample: added the useful function HMG\_GetVKeyNameByCode().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\MenuRES)

## \* Updated: 'CPU Speed' sample:

## - using of the WMI command line CPU CurrentClockSpeed query.

## Based upon a contribution of Pete D. <pete\_westg/at/yahoo.gr>

## (see in folder \samples\Applications\CPUSpeed)

## \* Updated: 'Quick Browse Generator' utility:

## - implemented full support for barcode,

## - solved miscellaneous bugs,

## - adopted resources from dll.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \Utils\QBGen)

## HMG 17.12 Extended Edition

## 2017/12/18: Build 80

## \* Fixed: The ButtonEx control did not show the JPG, GIF, TIF and PNG images

## from the resources of an application (introduced in the build 16.04).

## This bug was reported by a HMG user.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: Added a possibility to load the resources from an external DLL.

## We may select an active resources DLL via the new command

## SET RESOURCES TO <cDLL> and get freed unneeded resources DLL with

## SET RESOURCES TO.

## Sample code:

## SET RESOURCES TO "resources.dll"

## DEFINE WINDOW Win\_1 WINDOWTYPE CHILD ;

## CLIENTAREA 400, 300 TITLE 'Test'

## ...

## END WINDOW

## ACTIVATE WINDOW Win\_1

## SET RESOURCES TO

## It is possible now to load the following resources from DLL:

## the dialogs, menu with accelerators, icons, images, animates,

## cursors and sounds.

## Requested by Verchenko Andrey <verchenkoag@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\Resources\_DLL)

## \* New: Function GetUserTempFolder() returns an User Profile Temp Folder path.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MAINDEMO (SYNTAX I))

## \* Enhanced: CHECKLABEL control supports the optional 'Value' property as

## synonym for the 'Checked' property.

## You can set/get 'Value' property at runtime as usually.

## Added a default action for 'On Click' event: it will switch a value

## similar to the CheckBox control.

## Suggested and contributed by Sergej Kiselev.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\CheckLabel\_2)

## \* Enhanced: The 'Alignment' property is supported for the LABEL control.

## You can set/get this property at runtime:

## - function syntax:

## SetProperty ( Form, Label, 'Alignment', cAlignment )

## GetProperty ( Form, Label, 'Alignment' ) --> cAlignment

## - pseudo-OOP syntax:

## Form.Label.Alignment := cAlignment

## Form.Label.Alignment --> cAlignment

## where

## cAlignment may be 'LEFT', 'RIGHT', 'CENTER' or 'VCENTER'.

## It was a postponed user's request.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\LABEL\_4)

## \* Enhanced: A Tab control supports the changing of an enabled status for the

## separate pages at runtime.

## You can set/get this property via:

## - function syntax:

## SetProperty ( Form, Tab, 'Enabled', nPage, .T.|.F. )

## GetProperty ( Form, Tab, 'Enabled', nPage )

## - pseudo-OOP syntax:

## Form.Tab.Enabled( nPage ) := .T.|.F.

## Form.Tab.Enabled( nPage ) --> lStatus

## It was a postponed user's request.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\Tab\_3)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - Enhanced: function ExitProcess() accepts a parameter nErrorLevel

## as exit code of an application, i.e. ExitProcess( nErrorLevel ).

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: WinReport library: minor fix.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see source in folder \Source\WinReport)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.22.0dev (from 3.21.0).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2017-12-12 12:26).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Simple implementation of a Rating control' sample:

## - use the pressed <Shift> key at a mouse click for enter a half star.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\RATING)

## \* New: 'Place a QRCODE to PDF file' sample.

## Based upon a contribution of HMG user Edward.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Advanced\HMG\_Zebra)

## \* Updated: 'Print Pie Graph' sample: updated the data for November 2017.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'Alpha Blend usage' sample:

## - updated for compatibility with the latest Minigui changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Advanced\AlphaBlend\_2)

## \* Updated: 'View and save the images from a website' sample:

## - added detection of images in <a> tags;

## - added context menu in image list.

## Based upon a contribution of HMG user KDJ.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ImageFromWeb)

## \* Updated: 'TSBrowse: The discovery of different databases on a single form'

## sample. Based upon a contribution of Sergej Kiselev.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Advanced\Tsb\_4bases)

## \* Updated: 'Quick Browse Generator' utility.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \Utils\QBGen)

## HMG 17.11 Extended Edition

## 2017/11/21: Build 79

## \* Enhanced: The Browse control supports the optional 'ColumnSort {}' clause

## similar to a Grid. This clause specifies that column's header allows

## to sort a data via a mouse click.

## Syntax:

## @ <row>,<col> BROWSE <name> [ OF <parent> ] ;

## [ WIDTH <nWidth> ] [ HEIGHT <nHeight> ] ;

## [ HEADERS <aHeaders> ] [ WIDTHS <aWidths> ] ;

## [ FIELDS <aFields> ] [ VALUE <value> ] [ COLUMNSORT <aSort> ]

## where the array aSort may have the following values for each column:

## .F. - no sorting;

## .T. - allow sorting.

## Note that it will be created an auxiliary compound index in the memory

## for an each field of a table which will replace the any other index of

## this table. Requested by Pete D. <pete\_westg/at/yahoo.gr>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\BROWSE\_SORT)

## \* Enhanced: The AnimateBox control supports now the optional BACKCOLOR clause.

## Above clause should be used along with the TRANSPARENT clause.

## Requested by Verchenko Andrey <verchenkoag@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\ANIMATEDEMO)

## \* Enhanced: The Timer control supports now the optional ONCE clause.

## If above clause is defined, when the timer procedure will be executed

## one time only.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Timer)

## \* Updated: Cleaning of a redundant code at the IMAGE control processing.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Revised usage of the TEMP files at the RICHEDIT control processing.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Richedit)

## \* Updated: Added helpful C-function IsAppHung( <hWnd> ) for hung detection of

## the applications (based upon the undocumented WinAPI function).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\ProcInfo)

## \* Updated: Added processing of the 3rd parameter cResType to the C-function

## RCDataToFile() for xHarbour compiler.

## Syntax:

## RCDataToFile( <cResName>|<nResID>, <cFileName> [, <cResType> ] )

## (see demo2.prg in folder \samples\Advanced\RCDataToFile)

## \* Updated: WinReport library:

## - added new commands to support a font attibute in GROUP section;

## - updated WinReport CHM file.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo in folder \samples\Advanced\REPORT\_INTERPRETER)

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2017-11-15 23:34).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Show AVI files' samples.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Basic\ANIMATEDEMO\_2)

## \* New: 'Sort Columns With Header Click in a Browse' sample.

## Based upon a contribution of HMG user KDJ.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\BROWSE\_SORT\_2)

## \* New: 'View and save the images from a website' sample.

## Based upon a contribution of HMG user KDJ.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ImageFromWeb)

## \* Updated: 'Quick Browse Generator' utility:

## - added possibility of column deletion in a Grid context menu;

## - added an ability to save a report in the WinReport format;

## - added support for the main languages.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \Utils\QBGen)

## \* Updated: 'My Dbf Browse' sample: added using of COLUMNSORT clause.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\BROWSE\_8)

## \* Updated: 'Image To DBF' sample: added using of Timer ONCE clause.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\basic\Image2Dbf)

## \* Updated: 'Media Player control' sample:

## - New: added the useful function aSize := GetAviFileSize( <cFile> ).

## Based upon a contribution of Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Basic\PLAYER\_1)

## \* Updated: 'Print Pie Graph' sample: updated the data for October 2017.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'Replacement for Clipper ALERT() function' sample:

## - the dialog size and controls placement are similar to Windows 7 look.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\WALERT\_2)

## HMG 17.10 Extended Edition

## 2017/10/30: Build 78

## \* Fixed: An application did a five superfluous access to a disk at a creating

## of any window (introduced in the build 17.03).

## Bug was fixed in the internal C-function HMG\_GdipLoadBitmap().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: The 'Refresh' method didn't work for Virtual Grid control without the

## defined dynamic colors. Bug was reported by Jose Miguel.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\ON\_QUERYDATA)

## \* Enhanced: Added an ability to modify an item height with the optional

## ITEMHEIGHT <size> clause in the ComboBox[Ex] control.

## You can set/get this property at runtime via:

## - function syntax:

## SetProperty ( Form, ComboBox, 'ItemHeight', nValue )

## GetProperty ( Form, ComboBox, 'ItemHeight' )

## - pseudo-OOP syntax:

## Form.ComboBox.ItemHeight := nValue

## Form.ComboBox.ItemHeight --> nValue

## It was a postponed user's request.

## Note: Don't confuse above property with HEIGHT clause which defines

## a dropdown list's height in the ComboBox[Ex] control.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\COMBO\_1)

## \* Enhanced: The MENUITEM command supports the optional DEFAULT clause.

## If above clause is applied then will paint a BOLD item in the MAIN,

## CONTEXT or NOTIFY menu.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see menudemo.prg in folder \samples\Basic\Menu)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - Fixed: command RELEASE MAIN MENU OF FormName was corrected.

## Bug was reported by Pierpaolo Martinello

## (see menudemo3.prg in folder \samples\Basic\Menu)

## - Enhanced: Added NOPREFIX clause (optional) in a LABEL control.

## Don't do "&" character translation in a text value.

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Modified the batch file hbmk2.bat:

## - added the switch /c for compiling in the console mode.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see hbmk2.bat in folder \Batch)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.21.0 (from 3.21.0dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2017-10-18 10:07).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.4.3 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: An repair tool dbFix for recovery of the damaged DBF and memo files.

## Based upon a contribution of Ray Marron <ray/at/raymarron/dot/com>.

## This tool uses the Public domain library RayLib (author Ray Marron).

## Adapted for Harbour by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\dbFix)

## \* Updated: 'Quick Browse Generator' utility:

## - added User Report Editor in the 'Tools' dropdown menu.

## It is an experimental feature.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \Utils\QBGen)

## \* New: 'Using of icons from the system library shell32.dll'.

## Based upon a contribution of Verchenko Andrey <verchenkoag@gmail.com>

## (see demo3.prg in folder \samples\Basic\ExtractIcon)

## \* Updated: 'My Dbf Browse' sample: minor changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\BROWSE\_8)

## \* Updated: 'Print Pie Graph' sample: updated the data for September 2017.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: '7-Zip interaction' sample by Vladimir Chumachenko:

## - updated hbdll32.lib for compatibility with the last Harbour changes;

## - updated for using 7-zip32.dll version 9.20 (from 4.65).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\7-Zip)

## \* Updated: 'CD Ejector' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\CDejector)

## \* Updated: 'Modify a GRID control at runtime' sample by Claudio Soto.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\DynamicGrid)

## \* Updated: 'Sort of Columns in Browse/Grid control' sample:

## - added save and restore of the column's widths in a Browse.

## Requested by Rene Koot <rene[at]plantenkennis.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\SortColumns)

## \* Updated: 'XMas Lights' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\XMasLights)

## \* Updated: The HLP calling was changed to CHM file in the following samples:

## - \Utils\Dbu;

## - \samples\Advanced\FileMan;

## - \samples\Advanced\RicheditEx;

## - \samples\Advanced\RicheditEx\_2;

## - \samples\Applications\HotFile;

## - \samples\Applications\IniFileEditor;

## - \samples\Applications\MonitorTester;

## - \samples\Applications\SafetyScan.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## 2017/09/28: HMG Extended Edition version 17.09 (Update 1).

## \* Fixed: An application without a print feature was depended on the

## MiniPrint library anyway (introduced in the build 17.03).

## Reported on brazilian forum MiniGUI.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\HELLO\_WORLD)

## \* Fixed: A problem with a Modal dialog at using of the PropSheet library.

## Bug was reported by Pierpaolo Martinello.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\PropSheet)

## \* Updated: 'Quick Browse Generator' utility: minor changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\QBGen)

## HMG 17.09 Extended Edition

## 2017/09/27: Build 77

## \* Fixed: A print support in C-code is INCOMPATIBLE with using of the constant

## WIN32\_LEAN\_AND\_MEAN in the header file mgdefs.h (introduced in the

## build 17.07). Bug was reported on brazilian forum MiniGUI.

## A solution is adding of handling for new constant NO\_LEAN\_AND\_MEAN.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: 'Application' object supports the read/write property WindowStyle.

## Syntax: Application.WindowStyle [ := <nStyle> ]

## Sample code:

## IF ! IsWindowHasStyle( App.Handle, WS\_SIZEBOX )

## App.WindowStyle := WS\_SIZEBOX

## ENDIF

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: 'System' object supports a playing of the following system sounds:

## Ok, Beep, Asterisk, Exclamation, Hand and Question.

## Syntax:

## System.OkSound

## System.HandSound

## System.QuestionSound

## System.ExclamationSound

## System.AsteriskSound

## System.BeepSound

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: BROWSE: Added quick accepting of a returned value at an inplace

## editing in a ComboBox with opened dropdown list via <Enter> key.

## Based upon a contribution of Roberto Lopez <mail.box.hmg@gmail.com>

## (see column Married in demo.prg at folder \samples\Basic\BROWSE\_1)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: Added the property HBITMAP in an IMAGE control.

## You can set/get this property at runtime via:

## - function syntax:

## SetProperty( Form, Image, 'HBitmap', hNewBitmap )

## GetProperty ( Form, Image, 'HBitmap' )

## - pseudo-OOP syntax:

## Form.Image.hBitmap := hNewBitmap

## Form.Image.hBitmap --> hBitmap

## (see demo in folder \samples\Applications\ClipbrdClear)

## - New: Added two auxiliary functions for Browse/Grid handling:

## - ListView\_GetExtendedStyle( hWnd, nCheckStyle ) -> lBoolean

## - ListView\_ChangeExtendedStyle( hWnd, [nAddStyle], [nRemoveStyle] )

## (see browse6.prg in folder \samples\Basic\BROWSE\_3 and demo

## in folder \samples\Advanced\ListViewEx)

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Revised a returned array in the internal C-function EnumFontsEx().

## Based upon a contribution of Viktor Szakats.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\GetFonts)

## \* Updated: 'Bos Taurus' Graphics Library (see source in folder

## \Source\BosTaurus):

## - a correction in the function BT\_HMGSetImage().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\BTGraph)

## \* Updated: HMG\_HPDF library (see source in folder \source\HMG\_HPDF):

## - minor bug fix and code cleaning with using of Harbour switch -w3.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.21.0dev (from 3.20.1).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2017-09-14 23:00).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Quick Browse Generator' utility.

## Based upon a contribution of HMG user Dragan Cizmarevic.

## Adapted for Minigui Extended by Pierpaolo Martinello

## (see multilingual ReadMe.txt in folder \Utils\QBGen)

## \* New: 'Anywhere Search' sample: universal search in tree, listbox, combobox

## and grid controls. Requested by Jayadev <jayadev65/at/yahoo.com>.

## Based upon a contribution of S.Rathinagiri <srgiri/at/dataone.in>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\AnywhereSearch)

## \* Updated: 'Print Pie Graph' sample: updated the data for August 2017.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'Clipbrd Clear' sample: improved the internal Clipboard Viewer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\ClipbrdClear)

## \* Updated: 'Sumatra PDF Viewer' utility:

## - added ability to select a folder Main menu -> File -> Choose

## directory (also click on header of Files grid),

## - fixed the function ChangeWindowMessageFilter().

## Based upon a contribution of HMG user KDJ.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\PdfView)

## \* Updated: 'WebCam preview and capture' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\WebCam\_2)

## HMG 17.08 Extended Edition

## 2017/08/31: Build 76

## \* Fixed: A wrong value of 'DisplayValue' property was returned when this value

## was modified routinely in a standard ComboBox control with the

## DISPLAYEDIT clause (introduced in the build 17.05).

## Reported by Dusko Radojcin.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: Added a default action for a double click of the left mouse button

## in a GetBox control (similar to a standard TextBox).

## Suggested by Dusko Radojcin.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\GetBox)

## \* Enhanced: Added the new method Refresh() in the Harbour TGet class.

## Sample code:

## oGet:SetKeyEvent( VK\_ADD, {|o| o:VarPut( o:VarGet() + 1 ), ;

## o:Refresh() } )

## oGet:SetKeyEvent( VK\_SUBTRACT, {|o| o:VarPut( o:VarGet() - 1 ), ;

## o:Refresh() } )

## Requested by Dusko Radojcin.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: Added a 'module name' information in the ErrorLog file.

## Suggested by Jayadev <jayadev65@yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\ErrorLog)

## \* Modified: Added usage of the internal check-function IsArrayRGB() in the

## appropriate places of Minigui core.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: The <versioninfo> section was added to the application resources.

## It is based on using of a new header mgver.h and standard C-compiler

## header winver.h. It was a postponed modification.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see minigui.rc in folder \Resources)

## \* Updated: A Minigui project for hbmk2 utility was updated for cleaning of the

## warnings at the Visual C 2017 compiler.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see hmg.hbp in folder \Source)

## \* New: PScript wrapper library source code (see in folder \Source\PageScript).

## This library contains all the PageScript 32 functions and one class,

## named TPageScript. You may either choose to call PS functions or

## instantiate TPageScript and use its methods.

## Contribution of PageScript owner Richard Visscher <richard@irvis.com>

## (see demo in folder \samples\Advanced\PageScript)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - minor bug fix and code cleaning.

## (see h\_tbrowse.prg in folder \Source\TSBrowse)

## \* Updated: HbSQLite3 library source code:

## - a core C-code was borrowed from the Harbour fork 3.4.0;

## - update for using SQLITE3 version 3.20.1.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Source\HbSQLite3)

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2017-08-03 20:24).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: MPM utility:

## - added Harbour hbwin contrib library to a link script.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\MPM)

## \* New: An analysis tool dbAnalyser for performing diagnostics on a .DBF.

## It works by opening the file in binary mode and checking the header

## information against the reality of the physical file.

## Written for Xbase++ by Phil Ide in 2004.

## Adapted for Harbour by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\dbAnalyser)

## \* New: A little applet MakePrg for generating the new source files.

## It inserts a header block at the top of the file, and uses cascading

## configuration files to resolve macros embedded in the header.

## If the file already exists, it will insert the header at the top

## in a non-destructive fashion.

## Written for Xbase++ by Phil Ide in 2004.

## Adapted for Harbour by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\MakePrg)

## \* New: 'Move and Resize Control With Cursor' sample.

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\MoveResizeControl)

## \* Updated: 'Print Pie Graph' sample: updated the data for July 2017.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'HMG Achoice' sample: fixed getting of a text width.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ACHOICE\_2)

## \* Updated: 'Using of StatusBar object' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Advanced\APP\_OBJECTS)

## \* Updated: 'Sumatra PDF Viewer' utility: updated for an external calling.

## Requested by Jayadev <jayadev65@yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\PdfView)

## \* Updated: 'DBFview v.0.78' sample: updated for xHarbour compatibility.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\DBFview)

## 2017/07/28: HMG Extended Edition version 17.07 (Update 1).

## \* Modified: A dependance of Minigui core from the functions of the tsbrowse

## library was removed (introduced in the build 17.07).

## Reported by Marcelo A. L. Carli <malcarli@terra.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.20.0rc3.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2017-07-27 18:57).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## HMG 17.07 Extended Edition

## 2017/07/27: Build 75

## \* New: Added the OOP classes for managing of the Minigui windows and controls

## as objects. It is an experimental feature which is guarded by the

## constant \_OBJECT\_ in the core and it's disabled by default.

## If you wish to try the OOP classes, you should add the following

## command on top in your main module:

## SET OOP [SUPPORT] ON

## \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

## A new property called 'Object' was added to manipulate the objects.

## You can get this property at runtime:

## - function syntax:

## GetProperty ( Form, 'Object' ) --> oFormObject

## GetProperty ( Form, Control, 'Object' ) --> oControlObject

## - pseudo-OOP syntax:

## Form.Object --> oFormObject

## Form.Control.Object --> oControlObject

## Common syntax: Control\_obj := This.Object, Form\_obj := This.Object

## Windows only syntax: Form\_obj := ThisWindow.Object

## Suggested and contributed by Sergej Kiselev.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\Tsb\_UserKeysEvent)

## \* Modified: ActiveX property 'Object' was renamed to 'XObject' for compatibility

## with the last Minigui changes. Note: This is an INCOMPATIBLE change.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Basic\ActiveX)

## \* New: Added the actual HBMK2 make scripts for building of the minigui and

## tsbrowse libraries.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see BuildLib.bat and \*.hbp in folders \Source and \Source\TSBrowse)

## \* Enhanced: Added the optional 3rd and 4th parameters nWidth, nHeight to the

## C-function LoadTrayIcon( <hInst>, <cIcon>, <nW>, <nH> ).

## The default values of the above parameters are 16 and 16.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: Added the two new methods in the Harbour TGet class:

## - SetKeyEvent( nKey, bKey, lCtrl, lShift, lAlt );

## - DoKeyEvent( nKey ).

## A GetBox control supports above SetKeyEvent method for assigning

## a hotkey or a processing of a mouse's left double click.

## Suggested and contributed by Sergej Kiselev

## (see demo in folder \samples\Basic\GetBox)

## \* Enhanced: Added the handling of keys <Shift>+arrows for selection and copy

## and paste of a substring of a text in a GetBox control (similar to

## a standard TextBox). It was a postponed user's request.

## Based upon a contribution of Sergej Kiselev

## (see demo in folder \samples\Basic\GetBox)

## \* Modified: The constant WIN32\_LEAN\_AND\_MEAN for compiling of Minigui C-code

## was moved from a link script to the header file mgdefs.h.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Dll library source code (see in folder \Source\Dll):

## - updated for compatibility with the last Minigui changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.20.0dev (from 3.19.3).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2017-06-27 12:37).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Using of App objects' sample. Contributed by SergKis

## (see in folder \samples\Advanced\APP\_OBJECTS)

## \* New: 'Harbour DataBases management as objects' samples:

## - opens the multiple browses of same data file in MDI-child windows;

## - MDI Browse with the fields from a related file;

## - how to create an index of a database with a progress meter;

## - how to build add, edit, delete and browse right into the customer

## object in MDI-child window.

## Inspired by the TTable class from the xHb contrib library.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\TDatabase)

## \* New: 'Tray Countdown' sample.

## Based upon a C-code borrowed from OOHG.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\TrayCountdown)

## \* Updated: 'Blinking Label' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\BLINK)

## \* Updated: 'Print Pie Graph' sample: updated the data for June 2017.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'Framework for SDI application' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\FrameWork)

## \* Updated: 'Image List' sample by Janusz Pora.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ImageList)

## \* Updated: 'Memory Info' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\MemInfo)

## \* Updated: 'Sumatra PDF Viewer' utility: minor bugs fixed.

## Based upon a contribution of HMG user KDJ.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\PdfView)

## 2017/06/26: HMG Extended Edition version 17.06 (Update 2).

## \* Fixed: A C-code cleaning for the warnings at Visual C 2017 compiler with

## a warning level is established to Yes in hbmk2 utility.

## The above warnings were found into the Minigui core and TSBrowse

## library. It was a postponed modification for a core stability.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## 2017/06/23: HMG Extended Edition version 17.06 (Update 1).

## \* New: Added the following new commands for managing of the Windows events:

## - ON WINEVENT [ID] <nId> ACTION <bAction> OF <window> ;

## [NOACTIVE>] [ONCE>] [RESULT] TO <lResult>.

## - REMOVE WINEVENT [[ID] [<nId>] | ALL] OF <window> ;

## [ONCE>] [RESULT] TO <lResult>.

## - UPDATE WINEVENT [ID] <nId> [ACTION <bAction>] OF <window> ;

## [NOACTIVE>] [ONCE>] [RESULT] TO <lResult>.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demos in folder \samples\Advanced\MESSAGEONLY\_WINDOW)

## \* Updated: The Windows events and the Application events are available

## for xHarbour compiler also.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demo in folder \samples\Advanced\AppEvents)

## \* Updated: A thread safe lock/unlock into the Global Listener C-code

## is available for xHarbour compiler also.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## HMG 17.06 Extended Edition

## 2017/06/22: Build 74

## \* New: Added the read/write user-defined property 'Cargo' for the Forms.

## You can set/get this property at runtime:

## - function syntax:

## SetProperty ( Form, 'Cargo', xUserData )

## GetProperty ( Form, 'Cargo' ) --> xUserData

## - pseudo-OOP syntax:

## Form.Cargo := xUserData

## Form.Cargo --> xUserData

## Sample code:

## ThisWindow.Cargo := InputBox( 'Enter a form's title', 'New Title' )

## ThisWindow.Title := ( ThisWindow.Cargo )

## It was a postponed user's request.

## Suggested and contributed by SergKis.

## \* New: Added a possibility to load a menu from an application resource with the

## accelerators:

## - added a new function hMenu := LoadMenu( [<hInstance>], cMenuName );

## - added the new functions

## hAccel := LoadAccelerators( [<hInstance>], cTableName ) and

## SetAcceleratorTable( hWnd, hAccel ).

## It was a postponed user's request.

## Note that hMenu handle should be destroyed ON RELEASE of a form via

## calling of the function DestroyMenu( hMenu ).

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demo in folder \samples\Basic\MenuRES)

## \* New: Added the following new commands for managing of the application events:

## - ON APPEVENT [ID] <nId> ACTION <bAction> OF <window> ;

## [NOACTIVE>] [ONCE>] [RESULT] TO <lResult>.

## - EMIT [EVENT] [ID] <nId> OF <window>.

## - REMOVE APPEVENT [[ID] [<nId>] | ALL] OF <window> ;

## [ONCE>] [RESULT] TO <lResult>.

## - UPDATE APPEVENT [ID] <nId> [ACTION <bAction>] OF <window> ;

## [NOACTIVE>] [ONCE>] [RESULT] TO <lResult>.

## - added useful function aStatus := GetAppEventsInfo( hWnd, lOnce ).

## Warning: This feature is available for Harbour only.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demo in folder \samples\Advanced\AppEvents)

## \* New: Added a new command for managing of the Message-Only Windows:

## [DEFINE] [WINDOW] MESSAGEONLY <w> [EVENTS [FUNC] <e>] ;

## [RESULT] TO <lResult>

## It is a hidden window which will dispatches messages only.

## The additional information is available at

## https://msdn.microsoft.com/en-us/library/windows/desktop/

## ms632599(v=vs.85).aspx#message\_only

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demo in folder \samples\Advanced\MESSAGEONLY\_WINDOW)

## \* Enhanced: The window's properties which were defined via SET WINDOWPROPERTY

## command will be removed automatically at form's closing with using of

## a new C-function EnumPropEx( hWnd, bCodeBlock ) if they have prefix

## beginning with 'HMG\_'.

## Suggested and contributed by Petr Chornyj <myorg63@mail.ru>

## (see demo in folder \samples\basic\mdi\_2)

## \* Modified: Added a thread safe lock/unlock to the Global Listener C-code.

## This behavior is available for Harbour-based build only.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## \* Modified: GetBox control - improved caret shape in the insert/overwrite modes.

## A readonly GetBox will not show a caret now.

## Based upon a contribution of SergKis

## (see demo in folder \samples\Basic\GetBox)

## \* Modified: The following obsolete C-functions were guarded with HMG\_LEGACY\_ON

## constant in the Minigui core:

## - BitmapSize();

## - C\_DrawFocusRect();

## - GetWindowFromDC().

## The actual function's names are GetBitmapSize(), DrawFocusRect() and

## WindowFromDC().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SetThemes)

## \* Updated: 'MiniGUI Extended Edition Common Commands' list.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at commands.txt in folder \Doc)

## \* Updated: PropGrid library v.2.0 (see source in folder \source\PropGrid):

## - New: Changed item value is only refreshes it if it is visible or

## if you want it to be visible.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo2.prg in folder \samples\Advanced\PropGrid)

## \* Updated: PropSheet library source code (see in folder \Source\PropSheet):

## - updated for compatibility with the last Minigui changes.

## Suggested and contributed by SergKis.

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added a new method UserKeys( nKey, bKey, lCtrl, lShift ).

## Sample code:

## :UserKeys(VK\_F2, {|oBr,nKy,cKy| Add\_Rec(oBr, nKy, cKy) })

## :UserKeys(VK\_F3, {|oBr,nKy,cKy| Del\_Rec(oBr, nKy, cKy) })

## :UserKeys(VK\_F3, {|oBr,nKy,cKy| MsgBox(cKy, 'Ctrl + F3') }, .T.)

## :UserKeys(VK\_F3, {|oBr,nKy,cKy| MsgBox(cKy, 'Shift + F3') }, , .T.)

## :UserKeys(VK\_F3, {|oBr,nKy,cKy| MsgBox(cKy, 'C + S + F3') }, .T., .T.)

## :UserKeys(NIL , {|oBr,nKy,cKy| \_LogFile(.T.,cKy, 'other', nKy ) })

## If an above codeblock returns Nil or .F., then method KeyDown will be

## finished, else if return is .T. then method KeyDown will work further.

## Contributed by SergKis

## (see demo in folder \samples\Advanced\Tsb\_addrecord\_3)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.19.3 (from 3.19.0).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2017-05-20 02:25).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: 'Sumatra PDF Viewer' utility:

## - added ability to translate the interface,

## - added ability to open url links from pdf documents,

## - added view documents in tabs,

## - added saving of last session and recent files in PdfView.recent,

## - added processing of command line with pdf files as parameters,

## - added auto refresh the file list when main window got focus,

## - minor bugs fixed.

## Based upon a contribution of HMG user KDJ.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\PdfView)

## \* Updated: 'TsBrowse Add New Record with Index Order' sample:

## - fixed the warnings in a C-code;

## - modified for using of a method UserKeys.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\Tsb\_addrecord\_3)

## \* Updated: 'DOS-like menu with using of TsBrowse' sample.

## Based upon a contribution of Krzysztof Stankiewicz <ks@nsm.pl>

## (see in folder \samples\Advanced\Tsb\_menu)

## HMG 17.05 Extended Edition

## 2017/05/24: Build 73

## \* Fixed: A standard ComboBox control with the DISPLAYEDIT clause returns

## a wrong value of the DisplayValue property at 'On Change' event.

## It exists in the official version too.

## Above bug was reported by Dusko Radojcin.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: The automatical switching to INSERT mode in the EDIT family

## controls at startup may be blocked by using of the command

## SET AUTOSCROLL OFF. Requested by Dusko Radojcin.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## Warning: Note that the following modification from the build 17.04

## [quote]

## "The automatical refreshing of client area of a form at startup

## may be blocked by using of the command SET AUTOSCROLL OFF."

## [/quote] was reverted back in a current build.

## It may be blocked by command SET PROGRAMMATICCHANGE OFF again.

## \* Modified: The C-function MemoryStatus() uses MEMORYSTATUSEX structure

## to accept a memory status.

## Added the new C-function GetPhysicallyInstalledSystemMemory().

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demo in folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Updated: The internal C-functions DrawButton() and DrawFocusRect() were

## simplified with using of the C-function InflateRect().

## Contributed by Petr Chornyj <myorg63@mail.ru>.

## \* Updated: Function InkeyGUI([<nMilliSec>])-->VKey will detect also left

## (and right) mouse click. Suggested by SergKis.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demo in folder \samples\Advanced\Tsb\_addrecord\_3)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added handling of bLDblClick block for an editing cell in the

## method LDblClick. Contributed by SergKis

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.19.0 (from 3.18.0).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2017-05-15 14:34).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Emulation of a colored ChackBox and colored RadioGroup controls at

## the themed Windows' sample.

## Requested by Vianei Moreira de Lemos <vianeimoreira/at/gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\CheckLabel\_2)

## \* New: 'Writing Binary Value into Registry' sample.

## Based upon a contribution of HMG user Edward.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\REGISTRY\_3)

## \* New: 'Mapping of a Network Drive routinely' sample.

## Based upon a contribution of HMG user KDJ.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\MapNetDrive)

## \* Updated: 'Print Pie Graph' sample: updated the data for April 2017.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## HMG 17.04 Extended Edition

## 2017/04/26: Build 72

## \* New: Added the new C-function DrawState().

## Syntax:

## DrawState( <hWnd>|<hDC>, [<aColor>], [<uReserved>],

## <hIcon>|<hBitmap>|<cText>, [<nLenText>], <nX>, <nY>,

## [<nWidth>], [<nHeight>], <nFlags>, [<lDelete>] ) => lSuccess

## Also the following C-functions were modified:

## SetBkMode( <hWnd>|<hDC>, <nMode> ) => nOldMode

## SetBkColor( <hWnd>|<hDC>, <aColor>|<nColor>|<nRed>[, <nGreen>]

## [, <nBlue>] ) => nOldColor

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demo3.prg in folder \samples\Basic\Icons)

## \* Modified: Revised GdiPlus.dll system library handling:

## - using of the 'Flat GDI+ API's for C' (author: Frankie) at

## http://www.johnfindlay.plus.com/pellesc/GdiPlus/GdiPlus.html.

## - added hbgdip library (see source in folder \Source\hbgdip).

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demo in folder \samples\Advanced\GdiPlus)

## \* Modified: Revised the C-function GetBitmapSize():

## - the internal C-function BitmapSize() is marked as obsolete now.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demo in folder \samples\Basic\BmpSize)

## \* Modified: Revised the C-function LoadIconByName(<icon>,<w>,<h> [,<hLib>]):

## - added possibility to load the icons with a different size from

## a multipage icon image which is used at Win XP or later.

## - added possibility to load the icons from an external DLL.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demos in folder \samples\Basic\Icons)

## \* Modified: Revised the C-function RCDataToFile(). A new syntax is below:

## RCDataToFile( <cResName>|<nResID>, <cFileName>,

## [<cResType>|<nResType>], [<hModule>] ) => nResult

## (see demo2.prg in folder \samples\Advanced\RCDataToFile)

## \* Enhanced: The command DRAW ICON IN WINDOW supports an optional clause

## HICON <hIcon> for input of icon handle as parameter.

## Note that above handle should be destroyed ON RELEASE of a form.

## Syntax:

## DRAW ICON IN WINDOW <windowname> AT <row>,<col> ;

## PICTURE | IMAGE | HICON <icon> ;

## [ WIDTH <w> ] [ HEIGHT <h> ] [ COLOR <nRGB> ] ;

## [ TRANSPARENT ]

## Based upon a contribution of Petr Chornyj <myorg63@mail.ru>

## (see demo in folder \samples\Basic\Icons)

## \* Enhanced: The MENUITEM command supports the optional clause ICON <icon>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\MenuEx)

## \* Modified: Adaptation of MiniGUI core for compatibility with Visual C 2015

## compiler (there is a portable version at http://whosaway.com).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: Restored protection of a programmatic change of 'On Change'

## event for a ComboBox control (introduced in the build 17.02).

## It uses SET PROGRAMMATICCHANGE OFF command for backward

## compatibility with an old code (f.e., it needed for HMGS-IDE).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: The automatical refreshing of client area of a form at startup

## may be blocked by using of the command SET AUTOSCROLL OFF.

## Note: This is an INCOMPATIBLE change.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.18.0 (from 3.18.0dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2017-04-25 17:45).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.4.2 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'Colored Label Class' sample. Contributed by SergKis

## (see in folder \samples\Basic\COLORED\_LABEL)

## \* New: 'Reading PNG image from a file' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\IMAGE\_3)

## \* New: 'Sumatra PDF Viewer' sample.

## Warning: You should place of SumatraPDF.exe binary into a project

## folder for a proper work of this sample.

## Based upon a contribution of HMG user KDJ.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\PdfView)

## \* Updated: 'Print Pie Graph' sample: updated the data for March 2017.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'WAIT WINDOW with an expectation' samples.

## Based upon a contribution of Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Basic\WAIT\_WINDOW\_2)

## \* Updated: 'Zip Component' sample: added the admin privileges claiming.

## Based upon a freeware Zip Component by Belus Technology.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Zip\_2)

## \* Updated: 'Draw Curves' sample. Contributed by Petr Chornyj <myorg63@mail.ru>

## (see in folder \samples\Advanced\Curves)

## \* Updated: 'Gradient Background' sample.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see in folder \samples\Advanced\Fill\_Blue)

## \* Updated: 'HMGTALK NetIO Client/Server' sample:

## - added using of defined IP address into a server;

## - fixed using of a valid PORT number into a client.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\HMGTALK)

## \* Updated: 'Multi RichEditEx' sample:

## - fixed a 'Justify Text' tool button's action.

## It was a postponed user's request.

## Contributed by Marcelo Brigatti <sistemasies/at/gmail.com>

## (see in folder \samples\Advanced\RicheditEx\_2)

## \* Updated: 'Horizontal and Vertical Splitter' samples.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see in folder \samples\Advanced\Splitter)

## \* Updated: 'TsBrowse Add New Record with Index Order' sample:

## - added a 'delete of record' action.

## Contributed by SergKis

## (see in folder \samples\Advanced\Tsb\_addrecord\_3)

## HMG 17.03 Extended Edition

## 2017/03/21: Build 71

## \* Fixed: The problem with a repaint into a GRID without the colored cells

## (introduced in the build 16.05).

## Reported and contributed by Dusko Radojcin.

## \* Modified: Revised GdiPlus.dll system library handling:

## - reworked GDI+ support for improvement of a speed of loading of

## the images;

## - added possibility to show the images from URL

## (see demo in folder \samples\Basic\IMAGE\_3);

## - used the C-function AlphaBlend() for showing the 32 bpp bitmaps

## with transparency instead of the C-function TransparentBlt().

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demo in folder \samples\Basic\IMAGE\_2)

## \* Enhanced: The IMAGE control supports optional ALPHALEVEL clause at definition

## to set an alpha channel transparence level for the 32 bpp images:

## \* New: added automatic support for images with Alpha Channel;

## \* New: added the function HasAlpha( cFilename ) --> lYesNo

## which checks if an image has alpha channel (transparency).

## Suggested by Petr Chornyj <myorg63@mail.ru>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: An image scaling in the PRINT GRAPH command is a similar now for the

## HbPrinter and MiniPrint libraries (get out of the "magic" numbers).

## Based upon a contribution of Roberto Lopez <mail.box.hmg@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: 'Print' method for window objects.

## Examples:

## - function syntax:

## DoMethod ( Form, "Print" )

## - pseudo-OOP syntax:

## Form.Print [()]

## Based upon a contribution of Roberto Lopez <mail.box.hmg@gmail.com>

## (see demo in folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Updated: 'Bos Taurus' Graphics Library:

## - updated for xHarbour compatibility.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see source in folder \Source\BosTaurus)

## \* Updated: HbPgSQL harbour library:

## - TPQQuery: fixed assigning of variable :lError in the method Refresh.

## Problem was reported by russian user.

## (see in folder \Source\HbPgSql)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - a cell with checkbox will respect of return value of bPrevEdit block

## in the method Edit(). Suggested and contributed by Igor Nazarov.

## - added a new method SetNoHoles( nDelta, lSet ). Contributed by SergKis

## (see demo in folder \samples\Advanced\Tsb\_addrecord\_3)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.18.0dev (from 3.17.0).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2017-03-20 12:28).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.4.2 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'Vista UI buttons' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\VistaUI)

## \* New: 'Alpha Blend usage' samples.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see in folder \samples\Advanced\AlphaBlend\_2)

## \* New: 'Horizontal and Vertical Splitter' samples.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see in folder \samples\Advanced\Splitter)

## \* Updated: 'Gradient Background usage' sample.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see in folder \samples\Advanced\FillGreen)

## \* Updated: 'Fill Triangle' sample.

## Based upon a contribution of Petr Chornyj <myorg63@mail.ru>

## (see in folder \samples\Advanced\FillTriangle)

## \* Updated: The following samples are revised for compatibility with the latest

## Minigui changes:

## - \samples\Basic\Histogram;

## - \samples\Basic\MAINDEMO\_(SYNTAX\_I);

## - \samples\Advanced\Kaleidoscope;

## - \samples\Applications\Reservation.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## HMG 17.02 Extended Edition

## 2017/02/28: Build 70

## \* Fixed: The problem of a RadioGroup control with TRANSPARENT clause on

## a THEMED colored form. Reported by Dusko Radojcin.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Fixed: Memory leak in the C-function c\_SetPicture() at WinXP and an image

## with alpha chanel.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## \* New: 'Vista Split Button' control was defined as User Component. A split

## button control is composed of either a button and a drop-down menu.

## Syntax:

## @ <row>,<col> SPLITBUTTON <name> [ OF <parent> ] ;

## [ WIDTH <w> ] [ HEIGHT <h> ] ;

## CAPTION <caption> ;

## ACTION <action> ;

## [ FONT <cFontName> ] ;

## [ SIZE <nFontSize> ] ;

## [ TOOLTIP <tooltip> ] ;

## [ <default: DEFAULT> ]

## Note: This control works properly at Windows Vista or later only.

## Based upon a contribution of Petr Chornyj <myorg63@mail.ru>

## (see demo in folder \samples\Advanced\SplitButton)

## \* Modified: Programmatic change executes 'On Change' procedure for all controls

## certainly for compatibility with Official HMG. It is not guarded via

## the command SET PROGRAMMATICCHANGE OFF anymore.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Slider)

## \* Updated: Modified SetFocus method of the 'Command Link' button for a proper

## handling of a focused look at a few buttons on a form.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\CommandLink)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG 3.4.3

## patch 1:

## - Fixed bug in GetLastActiveFormIndex() and GetLastActiveControlIndex()

## functions.

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>

## (see demo in folder \samples\Basic\StopEvents)

## \* New: HbZeeGrid library (see source in folder \Source\HbZeeGrid).

## ZeeGrid is an editable grid with a similar user interface to Microsoft's

## Excel spreadsheet. It is released as a compiled DLL and associated header

## file. You need only distribute the DLL file with your application.

## Based on the Original Work by David Hillard <david/at/kycsepp.com>.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demos in folder \samples\Advanced\HbZeeGrid)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - New: added handling of the variable :nStatusItem to TControl class.

## Contributed by SergKis.

## - Fixed: correction for compatibility with a last Minigui improvement.

## Problem was reported by russian user.

## (see demo in folder \samples\Advanced\TSBrowse)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.17.0 (from 3.16.2).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2017-02-08 19:36):

## \* Fixed: HbZipArc library source code (see in folder \Source\HbZipArc).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'RadioGroup with multiline items and variable or fixed height' sample.

## Based upon a contribution of HMG user KDJ.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\RadioGroup\_multiline)

## \* New: 'Vista Split Button' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\SplitButton)

## \* Updated: 'ComboBox control with changing of ReadOnly property at runtime'

## sample. Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\COMBO\_4)

## \* Updated: MsgMenu sample by Carlos Britos <bcd12a[at]yahoo.com.ar>:

## - modified for compatibility with a last Minigui improvement.

## Problem was reported by Fischer Zsolt <fischer.zsolt[at]gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\MsgMenu)

## \* Updated: 'UPX shell' sample: added embedding of UPX.EXE inside of application.

## Warning: You should place of upx.exe binary into a project folder for

## compatibility with this change.

## Based upon a contribution of Pete D. <pete\_westg/at/yahoo.gr>

## (see in folder \samples\Applications\UPXshell)

## HMG 17.01 Extended Edition

## 2017/01/31: Build 69

## \* Modified: 'Vista Command Link Button' User Component was moved from

## the samples to a MiniGUI core.

## Syntax:

## @ <row>,<col> CLBUTTON <name> ;

## [ <OF | PARENT><parent> ] ;

## [ WIDTH <w> ] [ HEIGHT <h> ] ;

## CAPTION <caption> NOTETEXT <notes> ;

## [ <IMAGE | PICTURE><bitmap> ] ;

## ACTION <action> [ <default: DEFAULT> ]

## There are the following properties and method for this control:

## - pseudo-OOP method SetShield:

## Form.CLbutton.SetShield()

## Domethod ( Form, Control, "SetShield" )

## - write only property 'NoteText':

## Form.CLbutton.NoteText := 'New Note'

## SetProperty( Form, Control, 'NoteText', 'New Note' )

## - read/write property 'Picture'.

## Form.CLbutton.Picture := 'arrow.bmp'

## cImage := GetProperty( Form, Control, 'Picture' )

## Note: This control works properly at Windows Vista or later only.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\CommandLink)

## \* Enhanced: The colored ButtonEx control supports also a simplest form of

## the GRADIENTFILL <aGradient> clause,

## where aGradient should be specified in the following way:

## { { nClrStart, nClrEnd }, { nClrStart, nClrEnd } }

## Note that the BACKCOLOR clause should be defined also.

## Based upon a contribution of HMG user KDJ.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\ButtonEx\_2)

## \* Enhanced: The CheckBox control supports now an optional MULTILINE clause.

## If above property is defined, it wraps the text to multiple lines

## when the text is too long to fit on a single line.

## Requested by Verchenko Andrey <verchenkoag@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: The Browse control supports now the user-defined functions at

## management of the first column with the defined IMAGE clause.

## It is useful at using of a Browse with a record's selection.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\BROWSE\_SELECT)

## \* Enhanced: Modified the file batch\Compile.bat:

## - the switch /W will generate the C-compiler warnings also.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Modified the batch file hbmk2.bat:

## - the switch /e will use a Harbour switch -w2 as default.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see hbmk2.bat in folder \Batch)

## \* Updated: PropGrid library v.2.0 (see source in folder \source\PropGrid):

## - Fixed: Typo which prevents a correct using of the function \_SetFont().

## Reported by Rafael Moran <webrmoran[at]yahool.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.16.2 (from 3.15.2).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: 'Incremental Search in a Browse' sample.

## Based upon a contribution of a HMG user.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\BROWSE\_SEARCH)

## \* New: 'Selection of records in a Browse' sample.

## Based upon a contribution of a HMG user.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\BROWSE\_SELECT)

## \* New: 'Multi-Monitors support test' sample.

## Based upon a contribution of Petr Chornyj <myorg63@mail.ru>

## (see in folder \samples\Basic\Multi\_Monitor)

## \* New: 'Listview sorting with showing a corresponding headers image' sample.

## Based upon a contribution of HMG user KDJ.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\GridSort)

## \* New: 'HbXlsxWriter library test' sample: creating the new Excel XLSX files.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see in folder \samples\Advanced\HbXlsxWriter)

## \* New: 'Read XLS through ADODB access' sample.

## Based upon a contribution of a HMG user.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ReadXLS\_2)

## \* New: 'Vista Command Link Component' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Advanced\CommandLink)

## \* New: 'Password Generator with copying to a clipboard' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\GenPassword)

## \* Updated: 'Print Pie Graph' sample: updated the data for December 2016.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'Haru PDF' sample:

## - a code cleaning for warnings with Harbour switch -w2.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\HaruPDF)

## \* Updated: 'Read XLS' sample by Ismael Elias:

## - added an export of a Grid to DBF;

## - the minor improvements.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ReadXLS)

## \* Updated: 'TGif class' sample: added example of using GIF from the resources.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\tgif)

## HMG 16.12 Extended Edition

## 2016/12/19: Build 68

## \* New: Added a basic support for the multi-monitors system:

## - New: CountMonitors(), EnumDisplayMonitors(), GetMonitorInfo(),

## MonitorFromPoint(), MonitorFromWindow(), WindowToMonitor() functions.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## \* Enhanced: The ButtonEx control supports the optional GRADIENTFILL <aGradient>

## clause where aGradient can contain any number of gradients and should

## be specified in the following way:

## { { nPart, nClrStart, nClrEnd }, { nPart, nClrStart, nClrEnd }, ... }

## nPart is to be specified as 0.25, 0.5, etc. and should aggregate to 1.

## The gradient may be specified as Horizontal or Vertical (default value).

## The BACKCOLOR clause is required and will determine the pressed gradient

## color which should be defined similar to aGradient array.

## Based upon a contribution of Petr Chornyj <myorg63@mail.ru>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo4.prg in folder \samples\Basic\ButtonEx)

## \* Modified: Revised a font management by DEFINE FONT <font> FONTNAME <name> ...

## command:

## - New: Added the helpful function GetFontParamByRef().

## Syntax:

## lResult := GetFontParamByRef( GetFontHandle( "fnt" ), @n, @s, ... )

## (see demo2.prg in folder \samples\Basic\Font)

## - Changed: The function GetFontList() uses new C-function EnumFontsEx()

## Contributed by Petr Chornyj <myorg63@mail.ru>

## \* Modified: Revised a global events management by SET EVENTS FUNCTION TO <name>

## command:

## - Changed: The internal function SetEventsFunc() was renamed to

## SetGlobalListener() and added a verify of given funcname rightness;

## - New: Added the helpful functions GetGlobalListener() and

## ResetGlobalListener().

## Contributed by Petr Chornyj <myorg63@mail.ru>

## \* Changed: The C-function SendMessage( <hWnd>, ... ) will return an error when

## a first parameter is not a valid window handle.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## \* Updated: 'Bos Taurus' Graphics Library (see source in folder \Source\BosTaurus):

## - fixed a resource leakage in the various C-functions.

## Bug was reported by Marek Olszewski <mol/at/pro.onet.pl>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\BTGraph)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.15.2 (from 3.15.1).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2016-12-16 11:05).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.4.2 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'Ownerdraw ButtonEx control with gradient colors support' samples.

## Based upon a contribution of HMG user KDJ.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\ButtonEx\_2)

## \* Updated: 'ADORDD' sample with using TBROWSE control for a search result show.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\ADORDD\_4)

## \* Updated: 'Stainway HMG Demo' sample by Jacek Kubica.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo1.prg in folder \samples\Basic\ButtonEx)

## \* Updated: 'Print Pie Graph' sample: updated the data for November 2016.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'Virtual Grid Usage' sample:

## - New: added export an array to DBF;

## - New: added export a DBF To Excel workbook.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\Grid\_8)

## HMG 16.11 Extended Edition

## 2016/11/22: Build 67

## \* Fixed: Append a record in a Browse control (via <Alt+A>) worked also with

## the <Ctrl+Alt+A> and <Shift+Alt+A> hotkeys.

## Reported and contributed by a HMG user.

## Adapted for MiniguiEx by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: A standard ComboBox control loses an established font color with the

## defined DISPLAYEDIT clause.

## Reported by Marcelo A. L. Carli <malcarli@terra.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\COMBO\_4)

## \* Fixed: Wrong font handling in a TimePicker control if the global command

## SET FONT TO <font>, <size> was defined.

## Problem was reported by Eladio Bravo <eladibravo@yahoo.es>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\StopEvents)

## \* Modified: Added the global var hInstance internal handling in the all C-code.

## \* New: Added the helpful C-function GetComCtl32DllVer()

## (see demo in folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* New: Added the helpful C-function GetClassName( <hWnd> )

## (see demo in folder \samples\Advanced\MoveDialogBox)

## \* New: Added the internal C-functions GetWindowStyle( <hWnd> ) and

## IsWindowHasExStyle( <hWnd> )

## \* Updated: Revised the commands for manage of a Window Property:

## - added helpful C-function EnumProps( <hWnd> ).

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demo in folder \samples\Basic\WindowProperty)

## \* Modified: Revised a ToolTip and ToolTip Custom Draw handling:

## - the function InitToolTipForRect() was renamed to InitToolTipEx();

## - added the new C-functions TTM\_Activate(), TTM\_SetTipTextColor(),

## TTM\_SetTipBKColor(), TTM\_SetMaxTipWidth() and TTM\_SetDelayTime();

## - added the following new commands:

## SET TOOLTIP [ ACTIVATE ] <ON | OFF> OF <form>

## SET TOOLTIP [ ACTIVATE ] TO <lValue> OF <form>

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demos in folder \samples\Basic\ToolTip\)

## \* Modified: The Task Dialog support is based upon the Vista's TaskDialog API:

## - added the numerous new methods into the TTaskDialog class;

## - added a timeout handling in the TTaskDialog class.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demos in folder \samples\Basic\TaskDialogs\TTaskDialog)

## \* Modified: The 'Type' property returns an user-friendly name instead of

## an internal core name for all controls.

## Suggested by Roberto Lopez <mail.box.hmg@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\FormStorage)

## \* Modified: Added the global user variable for any purpose in the application.

## Usage:

## - function syntax: \_GetAppCargo() := <value> ; MyVar := \_GetAppCargo()

## - pseudo-OOP syntax: App.Cargo := <value> ; MyVar := App.Cargo

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Histogram)

## \* Enhanced: The BTNTEXTBOX control supports an optional 'NoKeepFocus' clause.

## Requested by Pete D. <pete\_westg/at/yahoo.gr>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folders \samples\Basic\BtnTextBox and

## \samples\Basic\BtnTextBox\_2)

## \* Enhanced: The PIE GRAPH command supports an optional RIGHT clause for

## a legends placement. The default legends placement is still BOTTOM.

## It was a postponed user's request.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see pie.prg in folder \samples\Basic\GraphPrint)

## \* Changed: The function GetFontList() was moved from sample to MiniGUI core.

## Syntax: aFontList := ;

## GetFontList( [ hDC ], [ cFontFamilyName ], [ nCharSet ], [ nPitch ],;

## [ nFontType ], [ lSortCaseSensitive ], @aFontName )

## where

## nCharSet may be ANSI\_CHARSET, DEFAULT\_CHARSET, SYMBOL\_CHARSET etc.

## nPitch may be FONT\_DEFAULT\_PITCH, FONT\_FIXED\_PITCH, FONT\_VARIABLE\_PITCH

## nFontType may be FONT\_VECTOR\_TYPE, FONT\_RASTER\_TYPE, FONT\_TRUE\_TYPE

## Return aFontList is the multidimensional array

## { { cFontName, nCharSet, nPitchAndFamily, nFontType }, ... }

## Return by reference aFontName is the unidimensional array

## { cFontName1, cFontName2, ... }

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>

## (see demo in folder \samples\Advanced\GetFonts)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - GRID: assign the default values to Columns Width and Header instead

## of show an error message about the mismatching.

## Contributed by Claudio Soto <srvet@adinet.com.uy>

## (see demo in folder \samples\Basic\Grid\_ColumnsWidth)

## \* Updated: HBPrinter library v.2.40:

## - Changed: using of the function GetFontList() from the Minigui core

## instead of a local implementation.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\HBPrinter)

## \* Updated: Socket library source code by Matteo Baccan:

## - Added SetReplyTo( cReplyTo ) method in tsmtp.prg.

## Contributed by Milomir Zecevic <zeka/at/bnbos.rs>

## (see in folder \Source\Socket)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Changed: using of the header file mgdefs.h in the C-code;

## - Updated: minor corrections contributed by SergKis.

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.15.1 (from 3.15.0).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2016-11-16 16:10):

## \* Modified: hbrdd and hbrtl were compiled with a custom switch -gc0;

## \* Updated: HbVpdf library source code (see in folder \Source\HbVpdf).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.4.1 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'Multi-colored Tab Control with using of a Tab Cargo' sample.

## Requested by Verchenko Andrey <verchenkoag@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\COLORED\_TAB)

## \* New: 'Inter-process communication' sample.

## Based upon a contribution of Verchenko Andrey <verchenkoag@gmail.com>.

## Revised by Petr Chornyj <myorg63@mail.ru>

## (see in folder \samples\Basic\IPC)

## \* New: 'Grid Columns Width' sample.

## Based upon a contribution of HMG user KDJ.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Grid\_ColumnsWidth)

## \* New: 'MultiThread usage in HMG' sample.

## Based upon a contribution of Roberto Lopez <mail.box.hmg@gmail.com>.

## Enhanced by HMG user KDJ

## (see in folder \samples\Basic\MultiThread\_2)

## \* New: 'Show Password without the asterisks and vice versa' sample.

## Based upon a contribution of a HMG user.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\ShowPassword)

## \* New: 'Template application' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Template)

## \* New: 'MiniPrint: insert a last page number after printing' sample.

## Don't miss this very interesting example!

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\MiniPrint2\_2)

## \* New: 'TSBrowse: The discovery of different databases on a single form' sample.

## Based upon a contribution of SergKis.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Advanced\Tsb\_4bases)

## \* New: 'HMG Assistant Utility' sample converts HMG Control Objects Alternate

## Syntax to @... Commands statement.

## Contributed by Danny A. del Pilar <dhaine\_adp/at/yahoo.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see readme.txt in folder \Utils\FMG2PRG)

## \* Updated: 'Form Storage' sample.

## Based upon a contribution of Petr Chornyj <myorg63@mail.ru>

## (see in folder \samples\Basic\FormStorage)

## \* Updated: 'Print Pie Graph' sample: updated the data for October 2016.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'Mouse click on one picture which is divided into 3 parts' sample.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demos in folder \samples\Basic\Picture\_Coords)

## \* Updated: 'StatusBar with ProgressBar' sample.

## Based upon a contribution of Petr Chornyj <myorg63@mail.ru>

## (see in folder \samples\Basic\StatusBar\_ProgressBar)

## \* Updated: 'Enable/Disable ToolTip Messages' sample.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see in folder \samples\Basic\ToolTip\ActivateTTips)

## \* Updated: 'Combo Color' sample by Janusz Pora: added the new HMG colors.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ComboColor)

## \* Updated: 'Read a text from an another application' sample.

## Revised by Petr Chornyj <myorg63@mail.ru>

## (see in folder \samples\Advanced\ExternalApp\_3)

## \* Updated: 'Move a standard dialog box in the screen' sample.

## Revised by Petr Chornyj <myorg63@mail.ru>

## (see in folder \samples\Advanced\MoveDialogBox)

## \* Updated: 'Run the executable file from an application resource' mixed sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\RCDataToFile)

## \* Updated: 'Simple Phone Book' sample:

## - fixed a refreshing of the grids after a record deletion.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\PHONE\_BOOK)

## HMG 16.10 Extended Edition

## 2016/10/18: Build 66

## \* New: The MAIN, CHILD and MODAL windows supports an optional CLIENTAREA

## clause establishing of the width and height for a client area.

## Syntax: CLIENTAREA nClientWidth , nClientHeight

## Sample code:

## DEFINE WINDOW Win\_1 WINDOWTYPE MAIN ;

## CLIENTAREA 400, 300 TITLE 'Hello World!'

## ...

## END WINDOW

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Calendar)

## (see demo in folder \samples\Basic\Picture\_Coords)

## \* New: Added 'ToolTip Custom Draw' support for the BALLOON tooltips.

## You can add a custom tooltip to a form or controls with using of

## nToolTip := InitToolTipForRect( ;

## nFormHandle [, aRect ][, cToolTip ][, cTitle ][, nIcon ];

## [, lBallon ][, lClosable ][, lNotUsedYet ] [, lCenterTip ] )

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demo5.prg in folder \samples\Basic\Tooltip\_Balloon)

## \* New: The Slider control supports the optional ENABLESELRANGE and SELRANGE

## clauses for the marking of a selected range.

## Standard syntax:

## @ <row>,<col> SLIDER <controlname> [ OF <parent> ] ;

## RANGE <min>,<max> SELRANGE <min>,<max> ;

## [ WIDTH <nWidth> ] [ HEIGHT <nHeight> ] ;

## ENABLESELRANGE

## Alternative syntax:

## DEFINE SLIDER Slider\_1

## ROW 20

## COL 20

## RANGEMIN 1

## RANGEMAX 10

## SELRANGEMIN 3

## SELRANGEMAX 7

## ...

## ENABLESELRANGE .T.

## END SLIDER

## There is the helpful function

## SetSliderSelRange( <SliderHandle>, <selrangemin>, <selrangemax> )

## for mounting or changing of the selected range at runtime.

## Note that the selected range will be displayed only if was defined

## the ENABLESELRANGE clause.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demo in folder \samples\Basic\Slider)

## \* New: The Spinner control supports the HORIZONTAL clause for min/max arrows.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demo in folder \samples\Basic\SPINNER)

## \* Enhanced: Added the readonly 'Handle', 'Index', 'Type', 'ClientWidth' and

## 'ClientHeight' properties for the forms and controls.

## Examples:

## - function syntax:

## hForm := GetProperty ( FormName, 'Handle' )

## hControl := GetProperty ( FormName, ControlName, 'Handle' )

## - pseudo-OOP syntax:

## hForm := FormName.Handle, cFormType := FormName.Type

## hControl := FormName.ControlName.Handle

## cControlType := FormName.ControlName.Type

## Based upon a contribution of Russian user SergKis

## \* Enhanced: Added a read/write property 'CueBanner' for TEXT family, ComboBox

## and Spinner controls.

## You can set/get this property at runtime via:

## - function syntax:

## SetProperty( Form, Control, 'CueBanner', 'New Text' )

## GetProperty ( Form, Control, 'CueBanner' )

## - pseudo-OOP syntax:

## Form.Control.CueBanner := 'New Text'

## Form.Control.CueBanner --> character value

## Based upon a contribution of Petr Chornyj <myorg63@mail.ru>

## (see demos in folder \samples\Advanced\CueBanner)

## \* Enhanced: The GetBox control supports an optional focused colors tuning

## with the following new commands:

## - SET GETBOX FOCUS BACKCOLOR [ TO <backcolor> ]

## - SET GETBOX FOCUS FONTCOLOR TO <fontcolor>

## where the colors value may have the array or codeblock type.

## It was a postponed user's request.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\GetBox)

## (see demo3.prg in folder \samples\Basic\Color\_3)

## \* Changed: The functions GetFormHandle()/GetControlName() will be return an

## error instead of a masking of the wrong calling at an absent window

## or control.

## \* Changed: DEFINE BKGBRUSH command supports a reduced format now, i.e.

## - <DEFINE | CREATE> BKBRUSH <brush> [ STYLE ] PATTERN ;

## IN [ FORM | WINDOW ] <parent> PICTURE <image>

## - ADD BKBRUSH <brush> [ STYLE ] PATTERN ;

## TO [ FORM | WINDOW ] <parent> PICTURE <image>

## Added also the BKBRUSH synonym for the BACKCOLOR clause of a form.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demo in folder \samples\Basic\WindowBackground)

## \* Updated: The all C-code was revised as below:

## - improved the header file mgdefs.h;

## - fixed memory leak in a menu extended destructor;

## - added the new C-functions ComboFindString, ComboFindStringExact;

## (see demo in folder \samples\Basic\ComboSearch)

## - optimized C-functions ComboAddStringEx, ComboInsertStringEx,

## ComboAddDataStringEx, ComboGetString and ListBoxGetString;

## - optimized parameters checking in the functions MESSAGEBOX\*;

## - improved handling for the cursor and background of a window;

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demo in folder \samples\Basic\WindowBackground\_2)

## - reformatted to Harbour standard using uncrustify version 0.63;

## - updated for correct compiling with Pelles C 8.0 and XCC compilers

## and xHarbour.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: Added the helpful function HMG\_PressKey( nVK1, nVK2, ... )

## returns array { nVK1, nVK2, ... },

## where nVK is a virtual key code.

## Simulates the pressure of a key or a combination of keys.

## Contributed by Claudio Soto <srvet@adinet.com.uy>

## (see demo in folder \samples\Basic\HotKeyBox)

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG:

## - added a simple 'Grid as Browse' command, f.e.:

## @ 10,10 GRID Grid\_1 WIDTH 770 HEIGHT 440 ;

## HEADERS {'Column 1','Column 2','Column 3','Column 4',;

## 'Column 5','Column 6'} ;

## WIDTHS {140,140,140,100,100,110} VALUE 1 ;

## ROWSOURCE "Test" ;

## COLUMNFIELDS { 'Code' , 'First' ,'Last' , 'Birth' ,;

## 'Married' , 'child->info' } ;

## COLUMNCONTROLS { aCtrl\_1 , aCtrl\_2 , aCtrl\_3 , aCtrl\_4 ,;

## aCtrl\_5 , aCtrl\_6 } ;

## EDIT ALLOWAPPEND ALLOWDELETE

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see i\_hmgcompat.ch in folder \include)

## \* New: MiniGUI Extended Edition Common Commands list.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at commands.txt in folder \Doc)

## \* Updated: HBPrinter library v.2.40:

## - Changed: GetBox controls were used in the Options form.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\HBPrinter)

## \* Updated: PropGrid library v.2.0 (see source in folder \source\PropGrid):

## - New: Added an optional WHEN clause to PROPERTYITEM command.

## Contributed by Janusz Pora <januszpora@onet.eu>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.15.0 (from 3.14.2).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2016-09-28 19:55):

## \* Updated: most important differences between Harbour and xHarbour

## (see xhb-diff.txt in folder \harbour\doc)

## Contributed by Przemyslaw Czerpak <druzus/at/priv.onet.pl>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.4.0 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'Windows/HMG internal/RC/Animated and custom cursors' sample.

## Based upon a contribution of Pablo Cesar Arrascaeta.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\CURSOR\_2)

## \* New: 'Show Image from a resource with using of the Stretch clause' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\IMAGE)

## \* New: 'Using of the BosTaurus for drawing of a missing image' sample.

## Based upon a contribution of Pablo Cesar Arrascaeta.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\BTnoImage)

## \* New: 'TsBrowse Add New Record with Index Order' sample.

## Contributed by SergKis

## (see in folder \samples\Advanced\Tsb\_addrecord\_2)

## \* Updated: 'Print Pie Graph' sample: updated the data for September 2016.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'Mini MP3 player' sample is based upon MCI WinAPI:

## - added the playing progress bar and numeric title info;

## - misc bugfix.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\MiniPlayer)

## \* Updated: 'SplitBox Resize' sample for compatibility with the last Minigui

## improvements. Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo8.prg in folder \samples\Basic\CONTAINERS\Splitbox)

## \* Updated: 'Tooltip Balloon usage' samples.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demos in folder \samples\Basic\Tooltip\_Balloon)

## \* Updated: 'Replacement for Clipper ALERT() function' sample:

## - added the missed RELEASE FONT command.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\WALERT\_2)

## HMG 16.09 Extended Edition

## 2016/09/21: Build 65

## \* Fixed: Wrong executing of a new debug logging at console or mixed appls

## (introduced in the build 16.08).

## Problem was reported by Mitja Podgornik.

## You can enable the logging output if you uncommented the constant

## \_HMG\_OUTLOG in the minigui header file. By default this is turned

## off to preserve the proper Harbour functionality.

## (look at minigui.ch in folder \include)

## Syntax of the logging output is below:

## ? <explist,...>

## ?? <explist,...>

## ?a <arr>

## ?v <arr>

## There is also the optional command SET LOGFILE TO <filename>.

## (see demo in folder \samples\Basic\OptionBox)

## \* New: The Task Dialog support is based upon the Vista's TaskDialog API:

## - win\_TaskDialog0( ,, cWindowTitle, cMainMessage, cContent, ;

## dwCommonButtons, nIcon, @nButton ) -> nResult

## - win\_TaskDialogIndirect0( aConfig, @nButton, @nRadioButton, ;

## @lVerificationFlagChecked ) -> nResult

## - useful CLASS TTaskDialog FUNCTION TaskDialog.

## Usage:

## WITH OBJECT TaskDialog()

## :Title := 'Simple TaskDialog'

## :Instruction := 'My Main Text here'

## :Content := 'A simple text only function TaskDialog()'

## IF :Execute()

## MsgInfo( :ButtonResult )

## ENDIF

## ENDWITH

## Note: This feature works properly at Windows Vista or later only.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see demos in folder \samples\Basic\TaskDialogs)

## \* Enhanced: The OwnerDraw Menu style supports the optional function:

## - \_SetMenuItemIcon( ItemName , FormName , Icon ).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\MenuEx)

## \* Enhanced: Added the following features to batch\Compile.bat file:

## - Descriptions of the syntax was moved to a separate file.

## - Added the reading of the variables from an external minigui.cfg

## in the batch files Compile.bat and MakeLibOpt.bat.

## The reading takes place if a variable MG\_ROOT is not defined.

## If the configuration file is not present, the sequence of actions

## is the same as before.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## \* Updated: 'Bos Taurus' Graphics Library:

## - fixed a memory leak in the function bt\_SaveGDIPlusPicture().

## Bug was reported by Roberto Lopez <mail.box.hmg@gmail.com>.

## Contributed by Claudio Soto <srvet@adinet.com.uy>

## (see source in folder \Source\BosTaurus)

## \* Updated: HbPgSQL harbour library:

## - update for using PostgreSQL version 9.5.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see in folder \Source\HbPgSql)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.14.2.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2016-09-05 17:04):

## \* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'MultiThread usage in HMG' sample.

## Based upon a contribution of Roberto Lopez <mail.box.hmg@gmail.com>.

## Enhanced by Pete D. <pete\_westg/at/yahoo.gr>

## (see in folder \samples\Basic\MultiThread)

## \* New: 'Quick Message functions are based on TaskDialog API' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\TaskDialogs\ShowMessage)

## \* New: 'Directory Watcher' sample is based on 'Change Notification' WinAPI.

## Based upon a contribution of Petr Chornyj <myorg63@mail.ru>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\DirWatcher)

## \* Updated: 'Get Form Client Height' sample.

## Based upon a contribution of Russian user SergKis

## (see in folder \samples\Basic\GetClientSize)

## \* Updated: The following samples are revised for compatibility with the latest

## Harbour changes:

## - \Utils\SqlDBU;

## - \samples\Basic\Charts\_2;

## - \samples\Advanced\MSSQL;

## - \samples\Advanced\MySqlDD;

## - \samples\Advanced\OdbcDD;

## - \samples\Advanced\Sqlit3DD;

## - \samples\Advanced\Tsb\_sqlite.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## HMG 16.08 Extended Edition

## 2016/08/08: Build 64

## \* Fixed: Missing NOBORDER clause handling in a GetBox control at the alternative

## syntax. Problem was reported by Dusko Radojcin.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: ANIMATERES User Component was moved from the samples to MiniGUI core.

## This control opens and displays continuously an AVI clip from a resource

## in a specified module. Note: You can only use silent AVI clips.

## Syntax:

## @ <row>,<col> ANIMATERES <name> [ OF <parent> ] ;

## [ WIDTH <nWidth> ] [ HEIGHT <nHeight> ] ;

## FILE <DLL or EXE filename> ID <resource> [ TOOLTIP <tooltip> ]

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\AVI\_Animation)

## \* Changed: The ON CANCEL action in the ComboBox control will fire only if a last

## pressed key was <Escape> key. It indicates the user's initial selection

## is to be ignored.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: Added the readonly 'Index', 'Type', 'ClientWidth' and 'ClientHeight'

## properties to 'This' object reference.

## Common syntax: Control\_idx := This.Index, Form\_idx := This.Index etc.

## Windows only syntax: Form\_idx := ThisWindow.Index

## Based upon a contribution of Russian user SergKis

## (see demo in folder \samples\Basic\GetClientSize)

## \* Enhanced: Added a shorten form 'App' for the 'Application' object.

## Examples: App.ExeName, App.Handle, App.FormName etc.

## Suggested by SergKis.

## \* Enhanced: The function PutFile() supports an optional 7-th parameter to control

## the overwriting if a file already exists.

## Syntax:

## PutFile( aFilter, title, cIniFolder, lNoChangeCurDir, cDefFileName,;

## /\*@\*/ nFilterIndex, lPromptOverwrite )

## If <lPromptOverwrite> set to .T. (default is .F.) and a file already

## exists, user will be asked to overwrite it or not.

## Contributed by Pete Dionysopoulos <pete\_westg@yahoo.gr>

## (see demo2.prg in folder \samples\Basic\PutFile)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## \* Added MiniPrint2 library with the following modifications:

## - Enhanced look and feel of Print Preview;

## - Enhanced quality of images of ThumbNails in printer preview;

## - Changed cursor behavior in Print Preview window:

## Zoom and Glass Cursor only into page to print.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see source in folder \Source\MiniPrint2)

## (see demo in folder \samples\Advanced\MiniPrint2)

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG:

## - added the following commands:

## SET CONTROL <ControlName> OF <FormName> ;

## CLIENTEDGE | STATICEDGE | WINDOWEDGE | NOTEDGE

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: C-code cleaning for correct compiling with the Embarcadero BCC 10.1:

## - added missing casting for C++ mode into the MiniGUI core, CallDll,

## HbPrinter and MiniPrint libraries.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - fixed a tooltip handle assigning error at Windows Server 2008.

## Problem was reported by Dusko Radojcin.

## - fixed a wrong workaround (introduced in the build 16.07).

## Bug was reported by Jaroslaw Kadziola <kadziola@tlen.pl>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.14.0dev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2016-07-18 20:32).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'DO REPORT command with a simple formatting' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\DO\_REPORT)

## \* New: 'ActiveX Report Generator' sample.

## Based upon a freeware CatchysoftReport.Dll from the following URL:

## http://www.catchysoft.com/report\_generator.html.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ActiveX\_Report)

## \* New: 'Run the executable file from an application resource' console sample.

## Based upon a contribution at Harbour developer forum.

## (see in folder \samples\Advanced\RCDataToFile)

## \* Updated: 'HMG Cursor' sample:

## - added the function PutMouse().

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Basic\CURSOR)

## \* Updated: 'TSBrowse Incremental Seek With Footer's GetBox' sample:

## - fixed using of "hole" detection.

## Problem was reported by russian user.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\Tsb\_seek\_2)

## HMG 16.07 Extended Edition

## 2016/07/14: Build 63

## \* New: Added support for a cue banner (banner text) in the BtnTextBox control.

## Syntax:

## @ <row>,<col> BTNTEXTBOX <name> [ OF <parent> ] ;

## [ WIDTH <nWidth> ] [ HEIGHT <nHeight> ] ;

## [ VALUE <value> ] [ ACTION <action> ] ;

## [ CUEBANNER | PLACEHOLDER <cCueText> ]

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo4.prg in folder \samples\Advanced\CueBanner)

## \* New: Added the commands for the animated GIF support.

## Standard syntax:

## @ <row>,<col> ANIGIF <controlname> [ OBJ <oGif> ] [ OF <parent> ] ;

## PICTURE <filename> [ WIDTH <nWidth> ] [ HEIGHT <nHeight> ] ;

## [ BACKGROUNDCOLOR <aBKGcolor> ] [ DELAY <nDelay> ]

## RELEASE ANIGIF <name> OF <parent>

## Alternative syntax:

## DEFINE ANIGIF Gif\_1

## ROW 20

## COL 20

## WIDTH 100

## HEIGHT 100

## PICTURE filename

## BKGNDCOLOR WHITE

## END ANIGIF

## Based upon a contribution of Petr Chornyj and the TGif class.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\tgif)

## \* Enhanced: The standard ComboBox control with DISPLAYEDIT clause supports

## an optional AUTOCOMPLETE clause with a facultative SHOWDROPDOWN option.

## It will be automatically completes input strings by comparing the prefix

## being entered to the prefixes of all strings in the maintained items.

## This is useful for ComboBox controls in which URLs, addresses,

## file names, or commands will be frequently entered.

## Sample code:

## DEFINE COMBOBOX combo\_1

## ROW 10

## COL 10

## WIDTH 150

## HEIGHT 200

## ITEMS aItems

## SORT .T.

## DISPLAYEDIT .T.

## AUTOCOMPLETE .T.

## SHOWDROPDOWN .T.

## END COMBOBOX

## Based upon a contribution of S.Rathinagiri <srgiri@dataone.in>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\AutoFill\_2)

## \* Enhanced: The Grid control supports the optional 'ColumnSort {}' clause.

## This clause specifies that column's headers allows to sort a data

## via a mouse click with showing a corresponding headers image.

## Syntax:

## @ <row>,<col> GRID <name> [ OF <parent> ] ;

## [ WIDTH <nWidth> ] [ HEIGHT <nHeight> ] ;

## [ HEADERS <aHeaders> ] [ WIDTHS <aWidths> ] ;

## [ ITEMS <aItems> ] [ VALUE <value> ] [ COLUMNSORT <aSort> ]

## where the array aSort may have the following values for each column:

## 0 - no sorting;

## 1 - ascending sort;

## 2 - descending sort.

## Based upon a contribution by Bicahi Esgici <esgici@gmail.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo7.prg in folder \samples\Basic\Grid\_3)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: a small correction in the method SortArray().

## Contributed by Janusz Pora <januszpora@onet.eu>.

## - Updated: added workaround for a problem with a current row painting

## at WinXP/Seven. Suggested by Igor Nazarov.

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2016-06-29 23:02).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.3.0 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'Charts DBF' sample is based on the Selector library of Janusz Piwowarski:

## - implementation of pseudo-SQL command SELECT for the queries to DBF.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Charts\_3)

## \* New: 'OptionBox() function' sample.

## Based upon a contribution of Roberto Lopez <mail.box.hmg@gmail.com>

## (see in folder \samples\Basic\OptionBox)

## \* Updated: 'Gif89 Demo' sample for compatibility with the last Minigui changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\AnimatedGif)

## \* Updated: 'TGif class' sample for compatibility with the last Minigui changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\tgif)

## \* Updated: 'Print Pie Graph' sample: updated the data for June 2016.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'Sort Grid Columns' sample: show of the alternative syntax.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\HeaderImage)

## \* Updated: 'Browse with LOGRDD rdd driver' sample: misc bugfix.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\LogRdd)

## HMG 16.06 Extended Edition

## 2016/06/15: Build 62

## \* Fixed: The correction of a caret look of Insert/Overwrite status at the

## entrance/exit in a GetBox control (introduced in the build 16.05).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: Added support for a cue banner (banner text) in TextBox, ComboBox and

## Spinner controls. Sets the textual cue (or placeholder) that is

## displayed by the edit control to prompt the user for information.

## When the user clicks the text, the text goes away and the user can type.

## Note: You cannot set a cue banner on a multiline edit control or on

## a rich edit control. Themes support must be activated in the application.

## Above is a WinAPI requirement.

## Syntax:

## @ <row>,<col> TEXTBOX <name> [ OF <parent> ] ;

## [ WIDTH <nWidth> ] [ HEIGHT <nHeight> ] ;

## [ VALUE <value> ] [ CUEBANNER | PLACEHOLDER <cCueText> ]

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Advanced\CueBanner)

## \* Enhanced: SET HELPFILE TO <chmfile> command will process automatically the

## hotkey F1 for calling of a help file in the CHM format.

## Based upon a contribution of Kevin Carmody <i@kevincarmody.com>

## (see demo in folder \samples\Basic\ContextCHM)

## \* Enhanced: The DRAW GRAPH and DRAW PIE commands support of the multiple charts

## on the same form. It was a postponed user's request.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: DRAW GRAPH: moved the title, labels and legendgs cleaning into the

## ERASE WINDOW command. It was a postponed user's request.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Charts)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - Enhanced: The ComboBox control supports the optional ON CANCEL event

## when the user selects an item, but then selects another control or

## closes the dialog box. It indicates the user's initial selection is

## to be ignored.

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.14.0dev (from 3.13.0dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2016-05-04 15:50):

## \* hbrdd and hbrtl were compiled with a default switch -gc3 instead -gc0;

## \* Updated: OpenSSL wrapper for using the recent 1.0.2h version.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'RMChart DLL class usage' samples are based upon the RMChart.dll from

## http://www.rmchart.com. Based upon a code contributed by Jose Quintas.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\RMChart\_DLL\_2)

## \* New: 'TSBrowse Load Fields with ordered data' sample.

## Contributed by Igor Nazarov.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\Tsb\_LoadFields)

## \* Updated: 'My Dbf Browse' sample:

## - modified for compatibility with the last Browse control changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\BROWSE\_8)

## \* Updated: 'Print Pie Graph' sample: updated the data for May 2016.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'Help Demo' sample:

## - replace an obsolete HLP format with CHM format.

## Based upon a contribution of Kevin Carmody <i@kevincarmody.com>

## (see in folder \samples\Basic\HELP)

## \* Updated: 'Auto Completing ComboBox' sample.

## Based upon a contribution of S.Rathinagiri <srgiri@dataone.in>

## (see in folder \samples\Advanced\AutoFill\_2)

## \* Updated: 'Transactions in DBF' sample:

## - added a brief document about a Table, Record and Field classes.

## Based upon the Table class of the Harbour contrib library xHb.

## (see ttable.txt in folder \samples\Advanced\TRANSACTIONS)

## HMG 16.05 Extended Edition

## 2016/05/18: Build 61

## \* Fixed: The problem with a splitbox handling into the Modal windows

## (introduced in the build 16.03).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: The problem with an assigning of the 'Value' property at deleting

## of the last row in a celled GRID.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\Grid\_7)

## \* Enhanced: TOOLBAR control supports the changing of a ToolButton 'Picture'

## property at runtime for BMP, PNG, GIF and TIF images.

## You can set/get this property:

## - function syntax:

## SetProperty ( FormName, ToolButtonName, 'Picture', cImage )

## cImage := GetProperty ( FormName, ToolButtonName, 'Picture' )

## - pseudo-OOP syntax:

## FormName.ToolBarName.ToolButtonName.Picture := cImage

## FormName.ToolButtonName.Picture := cImage

## Requested by Ronaldo Batista Lima.

## Based upon a contribution by Claudio Soto <srvet@adinet.com.uy>

## (see demo1.prg in folder \samples\Basic\CONTAINERS\TOOLBAR)

## \* Enhanced: The Browse and Grid controls supports now the code-blocks with

## an input Value as parameter in the VALIDMESSAGES array.

## Sample code:

## VALIDMESSAGES { 'Code Range: 0-1000', 'First Name Cannot Be Empty',;

## 'Last Name Cannot Be Empty',;

## {|uVal| MsgStop('Check your input value:' + CRLF + DtoC( uVal))}, , }

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see browse5.prg in folder \samples\Basic\BROWSE\_3)

## \* Modified: The 'Notify Balloon Click' event is available for MAIN window only.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\TrayBalloon\_2)

## \* Updated: The C-code cleaning for warnings at MinGW32 compiler with a

## warning level is set to max in hbmk2 utility.

## The foregoing warnings were found into the Minigui core, PropGrid

## and Socket libraries. Reported by Pete D. <pete\_westg/at/yahoo.gr>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - Changed: BROWSE edit is always inplace without regarding about

## 'InPlace' value (Edit and Inplace properties has now the same

## meaning).

## Note: an obsolete behaviour may be restored via adding the

## definition of the constant HMG\_LEGACY\_ON to the header file

## minigui.ch.

## (see Browse2.prg in folder \samples\Basic\Browse\_1)

## \* Updated: Header file i\_hmgcompat.ch for compatibility with mixed button's

## Picture Alignment 'Right' and 'Bottom' styles.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: 'Bos Taurus' Graphics Library version 1.06:

## - added the new functions BT\_DrawTextEx(), BT\_DrawTextSize(),

## BT\_DrawPolygon(), BT\_DrawPolyBezier(), BT\_DrawArc(), BT\_DrawChord()

## and BT\_DrawPie().

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>

## (see source in folder \Source\BosTaurus)

## \* Updated: PropSheet library source code (see in folder \Source\PropSheet):

## - Fixed: code cleaning for warnings with Harbour switch -w2.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added handling of the variable :lInsertMode in the method Edit();

## - added the new code-blocks bLineDrag and bColDrag;

## - method DeleteRow() returns a logical value now.

## Contributed by Igor Nazarov and SergKis

## (see demo in folder \samples\Advanced\Tsb\_linedrag)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.13.0dev (from 3.12.2).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2016-05-04 15:50).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.3.0 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'Labeled TextBox pseudo-control' sample.

## Based upon a contribution of Pete D. <pete\_westg/at/yahoo.gr>

## (see in folder \samples\Basic\Say\_Get)

## \* New: 'SplitBox Resize' sample.

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>

## (see demo8.prg in folder \samples\Basic\CONTAINERS\Splitbox)

## \* Updated: 'MiniGUI Browse' samples.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\BROWSE\_3)

## \* Updated: 'Using of the BosTaurus library for a graph creation' sample:

## - added a graph saving as PNG image.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\BTGraph)

## \* Restored: 'PDF Reader' sample is based upon the AcroRd32.dll from Adobe Acrobat.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\PDFReader)

## \* Updated: SQLCipher encryption for SQLite (https://www.zetetic.net/sqlcipher).

## It is Mingw32-based library only.

## Contributed by S.Rathinagiri <srgiri@dataone.in>

## (see in folder \samples\sqlcipher)

## \* Updated: 'Minigui Form Designer Utility' sample:

## - added tree and timer controls;

## - added compilation via batch file build.bat;

## - fixed warnings in PRG output.

## Contributed by Rafael Moran <webrmoran[at]yahool.com>.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\xForm)

## HMG 16.04 Extended Edition

## 2016/04/21: Build 60

## \* Fixed: The problem with the scrollbars handling in the virtual dimensioned

## Modal windows (introduced in the build 16.03).

## Reported by Vianei Moreira de Lemos <vianeimoreira@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: Added a new method 'SetArray' for assigning of array to the following

## controls: ComboBox, Grid, ListBox at runtime:

## - function syntax:

## DoMethod ( Form, Control, 'SetArray', aNewValues )

## - pseudo-OOP syntax:

## Form.Control.SetArray( LoadItems() )

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\COMBO\_1)

## (see demo in folder \samples\Basic\Grid\_5)

## (see demo in folder \samples\Basic\Listbox\_3)

## \* Enhanced: The standard ComboBox control supports a 'Refresh' method now:

## - function syntax:

## DoMethod ( Form, Control, 'Refresh' )

## - pseudo-OOP syntax:

## Form.ComboBox.Refresh [()]

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\COMBO\_1)

## \* Enhanced: The MonthCal control supports now 'On GotFocus' and 'On LostFocus'

## clauses similar to others controls.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Enhanced: The ButtonEx control supports JPG, GIF, TIF and PNG images now.

## You can set/get this property at runtime:

## Form.ButtonEx.Picture := 'ok.png'

## cImage := GetProperty( Form, Control, 'Picture' )

## Added a new optional clause IMAGESIZE <w>, <h> to the ButtonEx control.

## This property is available at control's definition for NOT Bitmap only.

## The alternative syntax is IMAGEWIDTH <w> and IMAGEHEIGHT <h>.

## Requested by Verchenko Andrey <verchenkoag@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: The some internal functions were defined as Static.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see h\_controlmisc.prg in folder \Source).

## \* Updated: Rearranged processing of an enum index in the cycles 'For Each-Next'

## for xHarbour compatibility.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added a new method nAtColActual() for correct detection of a column

## number at the mouse moving in TBrowse. It was needed for a proper

## handling of the cell's tooltips.

## Contributed by Igor Nazarov and SergKis

## (see demo2.prg in folder \samples\Advanced\Tsb\_calendar)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.12.2 (from 3.12.0dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2016-04-18 18:41):

## \* Updated: HbNetIO contrib library.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.3.0 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'ON LOSTFOCUS event as validation checking for TEXTBOX control' sample.

## Based upon a contribution of S.Rathinagiri <srgiri@dataone.in>

## (see in folder \samples\Basic\VALID\_2)

## \* New: 'Replacement for Clipper ALERT() function' sample.

## Based upon a contribution of Francisco Garcia Fernandez for FiveWin.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\WALERT\_2)

## \* New: 'Command Link Button emulation for WinXP' sample.

## Requested by Pete D. <pete\_westg/at/yahoo.gr>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\CommandLinkXP)

## \* New: 'TsBrowse Monthly Calendar with the dates marking at runtime' sample.

## You can mark the dates by a left mouse click or <Enter> or <Space>

## keys pressing. Don't miss this very interesting example!

## Based upon a contribution of Igor Nazarov

## (see in folder \samples\Advanced\Tsb\_calendar)

## \* New: 'TSBrowse Incremental Seek With Footer's GetBox' sample.

## Based upon a contribution of Russian user SergKis

## (see in folder \samples\Advanced\Tsb\_seek\_2)

## \* New: 'How to display a ProgressBar on TaskBar icon' sample is based on

## the ITaskbarList3 COM Interface. It is MinGW-based example only.

## Note: This feature works properly at Windows 7 or later only.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\TaskBarList)

## \* Updated: 'Display of Main, Child and Modal windows without sizes' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Hello)

## \* Updated: 'HMG IDE Demo' sample:

## - modified MonthCal control handling after the last core changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\hmgide)

## \* Updated: 'System Idle Detection' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Advanced\SysIdle)

## \* Updated: 'Minigui Modal Form Designer Utility' sample:

## - added datepicker and hyperlink controls;

## - added supporting functions for tbrowse control;

## - added spanish/english translation;

## - added config file setup.ini.

## Contributed by Rafael Moran <webrmoran[at]yahool.com>.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\xForm)

## HMG 16.03 Extended Edition

## 2016/03/22: Build 59

## \* Fixed: The hack in the menu's C-code was guarded for applying at the tray

## menu closing only.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: The constant \_PUBLIC\_RELEASE\_ is turned ON by default in the header

## file include\minigui.ch instead of the constant \_ZEROPUBLIC\_.

## The internal Public variables will be released at the window's and

## control's destruction.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: The standard 'Image Button' control supports JPG, GIF, TIF and PNG

## images when the NOXPSTYLE clause is established to TRUE value.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Replacing the cycles 'For-Next' with 'For Each-Next' for improvement

## of the speed of the Tab pages updating.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added a new class TCursor for proper processing of TBROWSE cursor

## which was defined by user for a whole control.

## Syntax: TCursor():New( cResCursorName [, cPredefinedCursorName ] )

## where the predefined names are "ARROW", "IBEAM", "WAIT", "CROSS" etc.

## Sample code: oBrw:oCursor := TCursor():New( , "HAND" )

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## - fixed the initial font's handling for proper calculation of cell's height.

## (see demo in folder \samples\Advanced\Tsb\_array)

## - fixed the problem with wheel mouse scroll in the MDI child windows.

## (see sample Tsb\_MDI.prg in folder \samples\Advanced\TSBrowse)

## - added handling of the column's order in the ARRAY mode with

## using of the TSColumn variable oCol:lIndexCol.

## (see demo at Menu TSBrowse->'Grid form' in folder

## \samples\Advanced\TSBrowse)

## - added a new service method GetCellInfo( nRowPos, nCell, lColSpecHd )

## (see demo2.prg in folder \samples\Advanced\Tsb\_array\_2)

## - added handling of the variables :aBitMaps and :aCheck from TSColumn class.

## (see demo in folder \samples\Advanced\Tsb\_BitMaps)

## - revised a column's and header's tooltip handling, f.e.

## oBrw:cToolTip := {|oBr,nCol,nRow| "Col ="+str(nCol,3)+" Row ="+str(nRow,3) }

## aEval( oBrw:aColumns, {|oCol| oCol:cToolTip := ;

## {|oBr,nCol,nRow| "Col ="+str(nCol,3)+" Row ="+str(nRow,3) } } )

## Contributed by SergKis

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.12.0dev (from 3.11.0).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2016-03-18 17:42):

## \* Fixed: HbZipArc library source code to support the ASCII characters

## above 128 in the name of files (see in folder \Source\HbZipArc).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.3.0 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'Minigui Modal Form Designer Utility' sample (spanish only).

## Contributed by Rafael Moran <webrmoran[at]yahool.com>

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\xForm)

## \* New: 'Gregorian Calendar to Microsoft Excel through HMG OLE' sample.

## Contributed by Danny A. del Pilar <dhaine\_adp@yahoo.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\GregorianCalendar)

## \* New: 'Simple PDF Class' sample. Based upon a contribution of Jose Quintas.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\HaruPDF\_2)

## \* Updated: 'HMG Grid Demo' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\Grid\_Test)

## \* Updated: 'Vista Command Link Button' sample:

## - added a write only property 'NoteText'.

## You can set this property at runtime:

## Win.CLbutton.NoteText := 'New Note'

## SetProperty( Form, Control, 'NoteText', 'New Note' )

## - added a read/write property 'Picture'.

## You can set/get this property at runtime:

## Win.CLbutton.Picture := 'arrow.bmp'

## cImage := GetProperty( Form, Control, 'Picture' )

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\CommandLink)

## \* Updated: 'SendMailReport Enhanced 1.6' sample.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Applications\SendMailReport)

## HMG 16.02 Extended Edition

## 2016/02/17: Build 58

## \* Fixed: The compilation of the MiniGUI core in the newer BCC versions

## (tested since 5.82 to 7.0).

## Problem was reported by Ivanil Marcelino <ivanil@linkbr.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: CallDll library source code:

## - renamed CallDll32() to HMG\_CallDLL() for avoiding of the names

## conflict with the function in the HbMisc contrib library.

## Note: This is an INCOMPATIBLE change.

## Problem was reported by Pete Dionysopoulos <pete\_westg@yahoo.gr>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Source\CallDll).

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added handling of the variable :lNoDescend from TSColumn class;

## - fixed header aligning at the switching of the column order.

## Contributed by SergKis.

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.11.0 (from 3.10.0).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2016-02-10 17:17):

## \* Fixed: APPEND FROM ... DELIMITED and APPEND FROM ... SDF bugs;

## \* Updated: HbNetIO contrib library;

## (see readme.txt in folder \samples\Basic\NETIO\Server);

## \* Updated: most important differences between Harbour and xHarbour

## (see xhb-diff.txt in folder \harbour\doc)

## Contributed by Przemyslaw Czerpak <druzus/at/priv.onet.pl>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.3.0 Project Manager and Two-Way Visual Form Designer:

## - correction of 'out of array range' error in the internal function

## cTypeOfControl().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: 'Test Print a Plain Text File' sample.

## Based upon a contribution by Bicahi Esgici <esgici@gmail.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\MiniPrint\_3)

## \* New: 'Transfer Grid data to HTML file' sample.

## Based upon a contribution of S.Rathinagiri <srgiri@dataone.in>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\Grid2HTML)

## \* New: 'SQLCipher usage' sample is based on SQLCipher encryption for SQLite

## (https://www.zetetic.net/sqlcipher). It is mingw32-based lib only.

## Based upon a contribution of S.Rathinagiri <srgiri@dataone.in>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\sqlcipher)

## \* Updated: 'Vista Command Link Button' sample:

## - expanded syntax:

## @ <row>,<col> CLBUTTON <name> OF <parent> ;

## [ WIDTH <w> ] [ HEIGHT <h> ] ;

## CAPTION <caption> NOTETEXT <notes> ;

## ACTION <action> [ <default: DEFAULT> ]

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\CommandLink)

## \* Updated: 'HMGTALK Client' sample for using of the function CallDll32()

## from the Harbour hbmisc library.

## (see demo in folder \samples\Advanced\HMGTALK)

## HMG 16.01 Extended Edition

## 2016/01/21: Build 57

## \* Modified: Using of the C-function hb\_vmPushNumInt() instead of hb\_vmPushLong()

## for proper 64-bit handling in the MiniGUI core.

## Based upon a workaround of Przemyslaw Czerpak <druzus/at/priv.onet.pl>.

## Contributed by Dr. Claudio Soto <srvet@adinet.com.uy>.

## \* Updated: Modified the application manifest for compatibility with Windows 10.

## A manifest file is common now for 32- and 64-bit builds.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see Windows7.Manifest in folder \Resources)

## \* Updated: HbSQLite3 library:

## - update for using a recent SQLITE3 version 3.10.0.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: Correction of the editable status in the method KeyDown.

## Problem was reported by Dusko Radojcin.

## Based upon a contribution of Janusz Pora <januszpora@onet.eu>.

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2016-01-15 16:02):

## \* New: added HBFOXPRO library (see in folder \Harbour\Lib);

## \* New: added HBGZIO library (see in folder \Harbour\Lib);

## \* Updated: OpenSSL wrapper for using 1.0.2e version.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.3.0 Project Manager and Two-Way Visual Form Designer:

## - fixed minor typo in the Image control definition.

## Bug was reported by Pete Dionysopoulos <pete\_westg@yahoo.gr>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: 'Vista Command Link Button' sample:

## - Command Link Button control was defined as user component below:

## @ <row>,<col> CLBUTTON <name> OF <parent> ;

## CAPTION <caption> NOTETEXT <notes> ;

## ACTION <action> [ <default: DEFAULT> ]

## - added pseudo-OOP method SetShield for showing of the Admin

## privilege requiring.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\CommandLink)

## \* Updated: 'Print Pie Graph' sample:

## - updated the data for December 2015.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'NirCmd Dll Usage' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\NirCmdDll)

## \* Updated: 'Volume Info' sample:

## - added a sample with using of the updated CallDll32 function.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo3.prg in folder \samples\Advanced\VOLUME\_INFO)

## \* Updated: 'Windows Version' sample:

## - fixed Windows 10 detection.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\WinVersion)

## HMG 15.12 Extended Edition

## 2015/12/16: Build 56

## \* Changed: From this release, Minigui Extended was switched to a "Year.Month"

## version numbering scheme, similar to 7-Zip archiver and other tools.

## \* Fixed: The wrong back color of a Label control into the TAB control with a

## BUTTONS clause definition (introduced in the build 2.4.9).

## Bug was reported by Anibal Villalobos Guillen <anibalgvillalobosg@yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\TAB)

## \* Fixed: The conflict between a first GetBox control on the form and any hotkey

## pressing at the form's creation (introduced in the build 2.1.8).

## Problem was reported by Gilbert Vaillancourt.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: SET SCROLLSTEP TO <nStep> command. Set scroll amount

## for horizontal and vertical scrollbars in virtual dimensioned windows.

## (see demo in folder \samples\Basic\VIRTUALDIM)

## - New: SET SCROLLPAGE TO <nStep> command. Set Page scroll amount

## for horizontal and vertical scrollbars in virtual dimensioned windows.

## \* Updated: The all C-code was modified for the correct compiling on 64-bit:

## - added a new header mgdefs.ch for 64-bit conversion;

## - added a new function IsExe64() which check if our app is 64-bit;

## - added Windows64.Manifest in the folder \Resources;

## - revised HbPrinter, MiniPrint, TsBrowse and WinReport libraries

## for 64-bit compatibility.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Updated: Documented the internal C-function IsWow64():

## - return TRUE if a 32-bit application is running under 64-bit Windows;

## - return FALSE if a 32-bit application is running under 32-bit Windows;

## - return FALSE if a 64-bit application is running under 64-bit Windows.

## Remark: WOW64 is the x86 emulator that allows 32-bit Windows-based

## applications to running on 64-bit Windows.

## \* Updated: CallDll library source code (see in folder \Source\CallDll).

## It is based on the Harbour core DLL functions now.

## DECLARE syntax and format are preserved for backwards compatibility,

## but, it is recommended to use CallDll32 function instead.

## Syntax was changed as:

## CallDll32( cDllName, nReturnType, cFunctionName [, <parameters> ] )

## Note: CallDll32() detects the current code page and appropriately

## call the ANSI or Unicode version of the function.

## Based upon a contribution by Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Basic\CallDll)

## \* Updated: 'Bos Taurus' Graphics Library for 64-bit compatibility.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see source in folder \Source\BosTaurus)

## \* Updated: 'HMG Debugger' library for 64-bit compatibility.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see source in folder \Source\Debugger).

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.10.0dev (from 3.9.2).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: Correction of the numeric format's handling in the method

## Excel2.

## Bug was reported by Verchenko Andrey <verchenkoag@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\TSBrowse)

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2015-12-09 14:22).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## HMG 2.5 Extended Edition

## 2015/11/18: Build 55

## \* Fixed: Correction of the vertical position of the page titles for the

## font's size more than 12 pt in the ownerdraw colored TAB.

## Requested by Verchenko Andrey <verchenkoag@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\TAB)

## \* Fixed: Wrong vertical (and horizontal) scroll up in the Virtual Panel

## window when the thumbs of scroll bar were in a zero position and

## you are click a scrolling bar up (or left) arrow button.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\CONTAINERS\Panel\_2)

## \* Enhanced: The GetBox control supports additionally a hotkey Ctrl+Y for

## clearing of the current value.

## Suggested and contributed by Gilbert Vaillancourt.

## \* Enhanced: Added a horizontal scrolling of a long text string in the

## function WaitWindow().

## Requested by Marcelo Brigatti <mbrigatti@uol.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\WAIT\_WINDOW)

## \* Changed: SplitChild windows without caption can not be closed with

## <Alt+F4> hotkey pressing by default.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG:

## - added a new command RELEASE MEMORY;

## - added the pseudo-function HMG\_ChangeWindowStyle().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: 'HMG Debugger' library (see source in folder \Source\Debugger).

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\DBG\_TEST)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - fixed a program crash at the simultaneous using of the column's

## 'Valid' clause and the function SetBtnGet().

## Problem was reported by Gilbert Vaillancourt.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.9.2 (from 3.9.1).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2015-11-14 13:19).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Graph Print on datas from the database' sample.

## Contributed by Stefano Biancini <biancini.stefano[at]libero.it>.

## Revised by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Basic\GraphPrint\_2)

## \* New: 'ErrorSys HMG Custom' sample.

## Contributed by Toledo <toledo@pctoledo.com.br>.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Hmg\_Error)

## \* Updated: 'ProgressBar' sample:

## - using of the function SuppressKeyAndMouseEvents() for blocking

## of the mouse and keyboard pressing at the event's processing.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\PROGRESSBAR)

## \* Updated: 'TSBrowse SetArrayTo method usage' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Advanced\Tsb\_SetArrayTo)

## \* Updated: 'WebCam preview and capture' sample:

## - Added: saving the captured image to the PNG file.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\WebCam\_2)

## HMG 2.5 Extended Edition

## 2015/10/21: Build 54

## \* Fixed: Wrong handling of a return value of the internal C-functions

## InsertMenu() and ModifyMenu(). The return of these functions is

## a logical value but is not a handle (similarly to the C-function

## AppendMenu()).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Advanced\MRU)

## \* Enhanced: TOOLBAREX control with the pictures from ImageList supports now

## the changing of a toolbutton picture at runtime.

## - New: Added a write only 'PictureIndex' property for TOOLBAREX.

## You can set this property at runtime:

## - function syntax:

## SetProperty ( Form, Control, 'PictureIndex', nPictureIndex )

## - pseudo-OOP syntax:

## FormName.ToolBarName.ToolButtonName.PictureIndex := nPictureIndex,

## where nPictureIndex is a position of selected image in the ImageList.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see 'Standard Window' in demo at folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Enhanced: DEFINE IMAGELIST command supports JPG, GIF, TIF and PNG images.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\FREEVIEW)

## \* Enhanced: Command CLEAN MEMORY operates now at Win Vista and upper for

## release of unused memory.

## Sample code:

## ON KEY F5 ACTION CLEAN MEMORY

## or

## DEFINE TIMER ... ACTION ( hb\_gcAll(), CLEAN MEMORY )

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## \* Changed: WebCam User Component was moved from the samples to MiniGUI core.

## Syntax:

## @ <row>,<col> WEBCAM <Camera> [ OF <parent> ] ;

## [ WIDTH <nWidth> ] [ HEIGHT <nHeight> ] ;

## [ RATE <nRate> ] [ START ]

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\WebCam\_2)

## \* Modified: Correction of the empty values of Active font name and font size

## with the Default font name and size at the Form's definition.

## Suggested by SergKis.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Further replacing of 'ValType(Var) == "U"' definitions in the

## MiniGUI core with the functions hb\_default()/\_\_defaultNIL() and

## hb\_defaultValue().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: C-code cleaning for correct compiling with Pelles C 8.0 and xHarbour.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added handling of the Browse vars hFontEdit, hFontHead, hFontFoot

## and hFontSpcHd in TSColumn class.

## Contributed by SergKis.

## \* Updated: 'Bos Taurus' Graphics Library (see source in folder \Source\BosTaurus):

## - added a new function BT\_DrawTextEx().

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Advanced\BosTaurus)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.9.1 (from 3.8.11.1).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2015-10-13 23:05).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Systray Balloon Tips' sample is based upon the HbWin contrib library.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\TrayBalloon\_3)

## \* New: 'Just To Tray' sample: minimize the external appls to system tray.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\JustToTray)

## Warning: This example don't work properly at 64-bit version of Windows.

## \* Updated: 'FreeImage Viewer' sample: using an ImageList from PNG resource

## for the toolbutton's pictures in the toolbar.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\FREEVIEW)

## HMG 2.5 Extended Edition

## 2015/09/23: Build 53

## \* New: 'HMG Debugger' library (see source in folder \Source\Debugger).

## Don't miss this very interesting GUI tool!

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\DBG\_TEST)

## \* Fixed: Double repainting at adding a new row in a Grid control with dynamic

## coloring. It was a reason of the slow colored grid refreshing.

## Added additional dynamic colors update at set focus to the grid.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\ProcInfo)

## \* Fixed: 'On CheckboxClicked' event in GRID with CHECKBOXES clause

## not fired when <Space> key was pressed and a mouse cursor was

## outside of a grid control.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\CheckBox\_Grid)

## \* Enhanced: HOTTRACK clause supports the optional HTFORECOLOR and

## HTINACTIVECOLOR clauses for customizing of the highlighting of

## the selected Tab page and inactive Tab page{s) at owner-draw

## colored TAB. Requested by Riza.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\TAB)

## \* Changed: DRAW GRAPH: the helpful cleaning functions were moved from

## the samples to MiniGUI core:

## - EraseBarGraph( cParentName )

## - ErasePieGraph( cParentName )

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Charts)

## \* Changed: DRAW PIE GRAPH: added the vertical centering of a title.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG:

## - added a command CREATE EVENT PROCNAME <cProcName>;

## - added the pseudo-functions EventCount(), EventRemove() and

## EventRemoveAll().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\MiniPrint)

## \* Updated: Further replacing of 'DEFAULT TO' command in the MiniGUI core

## with the functions hb\_default() and \_\_defaultNIL().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - added handling of the var lEmptyValToChar in TSColumn class;

## - method LoadFields respects now the column's Headers, Widths and

## Pictures which are defined by user at TBROWSE definition;

## - correction of using of the codeblock params in the three methods.

## Contributed by SergKis.

## \* Updated: HMG\_QHTM library (see source in folder \Source\QHTM):

## - code cleanup for compatibility with the last Minigui changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\qhtm\_2)

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2015-09-18 13:15).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Using of the BosTaurus library for a graph creation' sample.

## Based upon a contribution of S.Rathinagiri <srgiri@dataone.in>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\BTGraph)

## \* New: 'TSBrowse SetArrayTo method usage' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Advanced\Tsb\_SetArrayTo)

## \* Updated: 'Print Pie Graph' sample:

## - updated the pie graph data for August 2015.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'MiniPrint' sample for compatibility with xHarbour.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\MiniPrint)

## HMG 2.5 Extended Edition

## 2015/09/02: Build 52

## \* New: AES File Encryption Library source code (see in folder \Source\HbAES).

## This library is based on PolarSSL (http://www.polarssl.org).

## You can use the following function for crypt/decrypting a file:

## CryptFileAES( cFileIn, cFileOut, cPassword, nMode )

## - nMode = 0 for Encryption and nMode = 1 for Decryption;

## - cPassword can be either a character string or a key filename.

## Based upon a contribution of S.Rathinagiri <srgiri@dataone.in>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\AESDEMO)

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - Fixed: Added auto scroll of a text in EDITBOX and TEXTBOX controls

## at the changing of a 'CaretPos' property.

## - New: Added optional clause STOREJOBDATA <aJobData> in the command

## START PRINTDOC. Note that aJobData memvar must be declared as

## Public or Private for using in the function HMG\_PrintGetJobInfo().

## aJobInfo := HMG\_PrintGetJobInfo ( aJobData ) --> {} or { nJobID,

## cPrinterName, cMachineName, cUserName, cDocument, cDataType,

## cStatus, nStatus, nPriorityLevel, nPositionPrintQueue, nTotalPages,

## nPagesPrinted, cSubmittedDate, cSubmittedTime }

## Contributed by Dr. Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Print\_JobStatus)

## - New: Added the helpful function

## HMG\_PrinterGetStatus ( [ cPrinterName ] ) --> nStatusPrinter

## Contributed by Dave.

## (see demo in folder \samples\Basic\Print\_JobStatus)

## \* Enhanced: Compatibility flags for Windows Vista, 7, 8, 8.1 and 10 were

## added to an application manifest.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see Windows7.Manifest in folder \Resources)

## \* Updated: HBPrinter library (see source in folder \Source\HBPrinter):

## - PRG-code was formatted by Harbour contrib hbformat utility;

## - C-code was formatted to Harbour standard using uncrustify tool.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Dll library source code (see in folder \Source\Dll):

## - correction of using of WIN32\_LEAN\_AND\_MEAN constant at compiling.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - the C-function GetSysMetrics() is defined as pseudo-function;

## - the function LoadImage() supports JPG, GIF, TIF and PNG images.

## Transparent property will be added to these images automatically.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see 'Grid Test' at demo in folder \samples\Advanced\TSBrowse)

## - added a new method SetArrayTo in the TSBrowse class.

## Contributed by SergKis

## (see demo in folder \samples\Advanced\Tsb\_array\_2)

## - added a new method GoToRec( nRec ) in the TSBrowse class.

## Contributed by Igor Nazarov

## (see demo in folder \samples\Advanced\Tsb\_addrecord)

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2015-08-27 17:49):

## \* New: added hbPIPEIO redirector library.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: 'Get Password with CredUI' sample:

## - added the function GetDomainName();

## - added a show of usage of the CredUIPrompt flags.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\GetPassword)

## \* Updated: 'MiniPrint: Enhanced look of Print Preview window' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\MiniPrint)

## \* Updated: 'Process Information' sample is based on the ProcInfo library:

## - fixed a memory leak in the C-function EnumWindows().

## Problem was reported by Igor Nazarov.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ProcInfo)

## HMG 2.5 Extended Edition

## 2015/08/12: Build 51

## \* Enhanced: Added a third parameter nFlags (defined in the header file

## i\_misc.ch) and fourth parameter lNewFolderButton to the function

## GetFolder() and the 3rd and 4th parameters cTitle, cInitPath to

## the function BrowseForFolder(). These parameters are an optional.

## If an initial path or BIF flag were not specified then a new

## UI with an editbox and validation will be used by default in

## the above functions.

## Syntax:

## GetFolder( [ Title ], [ InitPath ], [ BIF Flag ], ;

## [ New Folder Button ] ) -> Folder Name

## BrowseForFolder( [Folder Type], [ BIF Flag ], [ Title ], ;

## [ InitPath ] ) -> Folder Name

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\GetFolder)

## \* Enhanced: Tuning of a back color of the Slider, transparent CheckBox

## and RadioGroup controls at an owner-draw colored TAB.

## If the back color of above controls was not specified then

## it will be defined automatically as Tab's back color.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: Removed a silent assigning of 'Transparent' property to

## the Label and CheckBox controls when a such control was placed

## into a Tab control (introduced in the build 18).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: DO REPORT command: cleanup of using of the private variables.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\DO\_REPORT)

## \* Updated: The header file i\_winuser.ch used to resolve WinAPI constants.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see i\_winuser.ch in folder \include)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - New: added handling of the var cName in TSColumn class;

## - New: added handling of a new Column var lOnGotFocusSelect;

## - Updated: minor correction in the function cValToChar().

## Contributed by SergKis.

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.11.1 (from 3.8.11).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2015-08-07 16:07):

## - added a new code for the function ASort().

## Contributed by Przemyslaw Czerpak.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: 'WAIT WINDOW with an expectation in a thread' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>.

## (see demo2.prg in folder \samples\Basic\WAIT\_WINDOW\_2)

## \* Updated: 'Paths' sample (demo functions for show system paths).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Paths)

## \* Updated: 'Process Information' sample is based on the ProcInfo library:

## - added a hung detection for the applications (based upon the

## undocumented WinAPI function IsHungAppWindow());

## - added a test hunging application.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ProcInfo)

## HMG 2.5 Extended Edition

## 2015/07/29: Build 50

## \* Fixed: The wrong back color of a Label control at owner-draw colored TAB

## and a Label control into a Frame (introduced in the build 2.4.9).

## Problem was reported by Rafael Moran <webrmoran@yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Correction in the internal function \_AddTabControl() after a last

## modification (introduced in the build 2.4.9).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Tab\_2)

## \* Fixed: Print subroutine bug in the EDIT command by Cristobal Molla.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Basic\EDIT)

## \* Fixed: The EDIT EXTENDED command implementation by Cristobal Molla:

## - fixed bug with a missed last record at printing in some cases

## (f.e. try to print 100 records in the horizontal orientation);

## - added 'Paint Double Buffer' property to a browse;

## - improved font management;

## - misc fixes, improvements and code cleanup.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\EDIT\_EXTENDED)

## \* Enhanced: The function WindowsVersion() detects Windows 10 and 2016 server.

## Note: please verify this implementation (not tested yet).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\WinVersion)

## \* Updated: HbSQLit3 library source code:

## - small correction in the C-function sqlite3\_buff\_to\_file().

## Suggested by Janusz Pora <januszpora@onet.eu>

## - update for using a recent SQLITE3 version 3.8.11.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Source\HbSQLite3)

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2015-07-24 18:55).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'WAIT WINDOW with an expectation in a thread' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>.

## (see demo2.prg in folder \samples\Basic\WAIT\_WINDOW\_2)

## \* Updated: 'HMG Achoice' sample: added <PageUp> and <PageDown> keys handling.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ACHOICE)

## HMG 2.4 Extended Edition

## 2015/07/22: Build 49

## \* Fixed: The wrong text color of a Label control which is placed on

## a Tab when 'FontColor' property of this Label is redefined

## at runtime. This happened in the themed OS only.

## Problem was reported by Henry Herrera <herrera.henry@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: The wrong StatusBar item's width handling in the function

## \_SetStatusWidth(). Problem was reported by russian user.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: The function GetProgramFilesFolder() is defined as pseudo-

## function. The definition is guarded by constant \_\_WIN98\_\_.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see i\_pseudofunc.ch in folder \include)

## \* Changed: ActiveX User Component was moved from the samples to MiniGUI core.

## A new property called 'Object' was added to manipulate the control.

## Syntax:

## @ <nRow>,<nCol> ACTIVEX <ControlName>

## [ OF | PARENT <ParentWindowName> ]

## WIDTH <nWidth>

## HEIGHT <nWidth>

## PROGID <cProgId>

## Or

## DEFINE ACTIVEX <ControlName>

## <PropertyName><PropertyValue>

## <...>

## END ACTIVEX

## Based upon a contribution of Roberto Lopez <mail.box.hmg@gmail.com>

## (see demos in folder \samples\Basic\ActiveX)

## \* Enhanced: Added possibility to modify a FontColor, BackColor and Align

## for the owner-draw colored status items at runtime.

## Requested by user on Russian HMG forum.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo4.prg in folder \samples\Basic\Status)

## \* Enhanced: The OwnerDraw Horizontal top-level POPUP menu supports now

## an optional FONT clause.

## You can set/change the font of POPUP menu at runtime by function:

## \_SetMenuItemFont( PopupName , FormName , GetFontHandle(FontName) )

## Requested by Joe Fanucchi <drjoe@meditrax.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\MenuEx)

## \* Updated: Further replacing of 'DEFAULT TO' command in MiniGUI core with

## the functions hb\_default()/\_\_defaultNIL() and hb\_defaultValue().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - correction of calculation of total column width in the Method ReSize;

## - minor correction in the Method GoUp;

## - conspicuous reducing of cursor blinking in the Method GoDown;

## - correction of a rare bug in the Method PageUp;

## - used SRCAND raster in the C-function DrawBitmap();

## - added handling of <Enter>/<Space> keys similar to LDblClick action;

## - added the new TSColumn variable cName for optional column name;

## - added the method nColumn( cName ) for return a column index via name.

## Contributed by users from the Russian HMG forum.

## (see demo in folder \samples\Advanced\Tsb\_cursor)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.11dev.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2015-07-16 17:10).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Console to GUI data exchange usage' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>.

## (see in folder \samples\Basic\COMM\_2)

## \* New: 'WAIT WINDOW with an expectation' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>.

## (see in folder \samples\Basic\WAIT\_WINDOW\_2)

## \* New: 'NetIO Server and Client: usage of server's stored procedure' sample.

## Based upon a contribution of Roberto Lopez <mail.box.hmg@gmail.com>

## (see in folder \samples\Basic\NETIO)

## \* Updated: 'Http Get' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\HttpGet)

## HMG 2.4 Extended Edition

## 2015/06/24: Build 48

## \* Fixed: Bug at changing of a position of a Panel Window at runtime.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Bug at changing of the font attributes of a Label

## control with 'Transparent' property at runtime.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Label)

## \* Fixed: Old typo at the assigning of the MaxWidth and MaxHeight properties

## in a Modal window at his definition.

## Problem was reported by Verchenko Andrey <verchenkoag@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MinMaxSize)

## \* Changed: The function ProcessMessages() is defined as pseudo-function.

## This function is wrapper for the new C-function DoEvents().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\NoWait)

## \* Changed: The C-functions GetComputerName() and GetUserName() are defined

## as pseudo-functions now.

## They are the wrappers for the corresponding [x]Harbour functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\GetUserName)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - the C-functions SysRefresh() and nMakeLong() are defined

## as pseudo-functions.

## They are the wrappers for the corresponding MiniGUI functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.11dev (from 3.8.10.2).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2015-06-17 12:39).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.3.0. Project Manager and Two-Way Visual Form Designer.

## This version is considered as a Beta release.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'Harbour Registered And WinAPI Available Functions' sample.

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\hmg\_funclist)

## \* Updated: 'Print Pie Graph' sample:

## - added a context menu for the pie graph.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Updated: 'Sqlite browser' utility: small correction for an empty table.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see in folder \Utils\SqlDBU)

## HMG 2.4 Extended Edition

## 2015/05/27: Build 47

## \* Fixed: Old bug at the closing of Edit or Append splitboxed dialog

## in a Browse control with <Alt+F4> hotkey pressing.

## Problem was reported by Attila Kovacs <k1attila12@yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Program crash at the modification of a column's header after

## adding a new column in the Grid control.

## Problem was reported by Gilbert Vaillancourt.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\ReadXLS)

## \* Fixed: Problem with assigning of the RichEditBox 'FontColor' property.

## You can establish this propery at definition and modify at runtime:

## - function syntax:

## SetProperty ( Form, Control, 'FontColor', BLUE )

## - pseudo-OOP syntax:

## Form.RichEditBox.FontColor := BLUE

## Bug was reported by Gilbert Vaillancourt.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Richedit)

## \* Changed: DRAW PIE GRAPH: correction of the centering of a title and more

## precise calculation of the percents in the legend's labels.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\GraphPrint)

## \* Changed: The HMG\_HPDF library was moved from samples to folder Source\HMG\_HPDF.

## Based upon a contribution of S.Rathinagiri <srgiri@dataone.in>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\PDF\_PRINT)

## \* Updated: HMG\_HPDF library (see source in folder \source\HMG\_HPDF):

## - New: Aligning for vertical text;

## - New: Additional function \_HMG\_HPDF\_SetOrientation (nMode).

## Contributed by Janusz Pora <januszpora@onet.eu>.

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: EDITABLE clause at a simple TBROWSE definition is respected now.

## - Updated: Added implementation of READONLY and VALID clauses similar to

## a standard BROWSE control.

## Contributed by SergKis.

## (see proc Brw\_5() at demo.prg in folder \samples\Advanced\TSBrowse)

## \* Updated: WinReport library (see source in folder \Source\WinReport).

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo in folder \samples\Advanced\REPORT\_INTERPRETER)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.10.2 (from 3.8.9).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2015-05-19 15:17).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Check User Login in the transparent form' sample.

## Based upon a contribution of Bicahi Esgici <esgici@gmail.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Login\_2)

## \* New: 'Test a mouse click on the one picture which is divided into 3 parts' sample.

## Based upon a contribution of Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Basic\Picture\_Coords)

## \* New: 'ShellExecuteEx() function usage' sample.

## Based upon a contribution of Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Advanced\ShellExec)

## \* Updated: 'Diskspace usage graph' sample: minor changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\DiskspaceGraph)

## \* Updated: 'InterNet State Checker' sample:

## - using of a macro definition for calling of the DLL functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\INET\_CHECKER)

## HMG 2.4 Extended Edition

## 2015/04/22: Build 46

## \* Fixed: Possible memory leak in the main/context/notify menu with 'Image'

## clause. Problem was reported by Russian user SergKis.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see menudemo.prg in folder \samples\Basic\Menu)

## \* Enhanced: The ReadOnly property is supported in the function SetProperty()

## for the Spinner control.

## You can set/get this property at runtime:

## - function syntax:

## SetProperty ( Form, Control, 'ReadOnly', lState )

## GetProperty ( Form, Control, 'ReadOnly' )

## - pseudo-OOP syntax:

## Form.Spinner.ReadOnly := lState

## Form.Spinner.ReadOnly --> lState

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: The ComboBox control with DisplayEdit clause supports a changing

## of the ReadOnly property at runtime:

## - function syntax:

## SetProperty ( Form, Control, 'ReadOnly', lState )

## - pseudo-OOP syntax:

## Form.ComboBox.ReadOnly := lState

## Requested by Vianei Moreira de Lemos <vianeimoreira@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\COMBO\_4)

## \* Updated: DRAW GRAPH: correction of the default height of title and labels

## for the font's size more than 10.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Histogram)

## \* Updated: Changed DEFAULT TO command in MiniGUI core to the functions

## hb\_default()/\_\_defaultNIL() and hb\_defaultValue() for Harbour

## requiring compatibility. It will set the value to the default one

## even when the variable has any other type, not only NIL.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - updated for xHarbour compatibility after a recent change.

## Based upon a contribution of Ivanil Marcelino.

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.9 (from 3.8.8.3).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2015-04-09 00:20).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Anchored Child window' sample.

## Based upon a contribution of Pablo Cesar.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\MoveWindow)

## \* New: 'Read a text from an another application' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ExternalApp\_3)

## \* Updated: 'Get DIR List' sample: pacified the warnings at prg level.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\DirList)

## \* Updated: 'Histogram' sample: added a print graph routine.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Histogram)

## \* Updated: 'HPDF Print' sample is based upon the Haru Free PDF library:

## - New: Added JPG image support to HPDFPRINT IMAGE command.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\PDF\_PRINT)

## \* Updated: 'Simple DBU' sample: minor changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\MiDBU)

## \* Updated: 'Process Killer' sample: minor changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\PROCESS\_KILLER)

## \* Updated: 'Sqlite browser' utility: added column's metadata handling.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see in folder \Utils\SqlDBU)

## HMG 2.4 Extended Edition

## 2015/03/18: Build 45

## \* Modified: Added the extended style INFOTIP at Browse and Grid definition

## by default. When a listview displays an item that is too wide for

## its column the text gets truncated to fit. The Browse and Grid

## controls with above style will display a hint containing the full

## text when you hover the mouse over the item.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\ListViewEx)

## \* Enhanced: The Grid control supports the optional 'NoSortHeaders' clause.

## This clause specifies that column headers do not work like buttons.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\ListViewEx)

## \* Enhanced: The Grid control supports the optional 'PaintDoubleBuffer' clause.

## Requested by Alen Uzelac <alen@bbm.hr>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\ListViewEx)

## \* Enhanced: The CheckBox control supports an optional ON ENTER clause now.

## Sample code:

## @ 10,10 CHECKBOX CheckBox\_1 CAPTION "CheckBox\_1" ;

## ON ENTER This.Value := !(This.Value)

## allows to use the <Enter> key similar to the <Space> key for

## switching of a checkbox value.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Revised the colored status item's handling:

## - Changed: using of the public \_HMG\_SYSDATA array was removed.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - New: Added TIMESTAMP type support (first attempt).

## Contributed by Janusz Pora <januszpora@onet.eu>

## - Changed: Minor correction in a handling of the GetBox 'Picture'

## property at an editing.

## Contributed by Igor Nazarov.

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.8.3 (from 3.8.8.2).

## Upgrading from the previous release is optional.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: MPM utility:

## - update for compatibility with a recent change in a handling of

## harbour.exe command line.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\MPM)

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2015-03-13 18:56):

## \* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD);

## \* Updated: HbODBC library source code (see in folder \Source\HbODBC).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Charts SQLITE3' sample is based on 'Charts ADO' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Charts\_2)

## \* New: 'ListView with Extended styles' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ListViewEx)

## \* Updated: 'Show of icons from the system library shell32.dll':

## - added saving of the icon resources to disk.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\ExtractIcon)

## \* Updated: 'Simple Phone Book' sample: misc bugfix.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\PHONE\_BOOK)

## \* Updated: 'Data Base Assistant' utility: minor changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\DBA)

## HMG 2.4 Extended Edition

## 2015/02/18: Build 44

## \* Fixed: Splitboxed ToolBar with 'Bottom' clause and StatusBar reposition

## problem (introduced in the build 2.4.3).

## Reported by Pierpaolo Martinello <pier.martinello[at]alice.it>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: The Browse control supports the optional 'PaintDoubleBuffer'

## clause. The ListView will be painted via double-buffering, which

## reduces flicker considerably but a bit slows output.

## Requested by Sasha Savov <savovs/at/gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see browse6.prg in folder \samples\Basic\BROWSE\_3)

## \* Enhanced: The GRID control supports the optional ON CHECKBOXCLICKED event

## when the CHECKBOXES clause was used.

## Contributed by Dr. Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\CheckBox\_Grid)

## \* Enhanced: Added 'Increment' property for interior SPINNER at GRID control with

## the COLUMNCONTROLS clause. It accepts a fourth parameter, like this:

## { 'SPINNER', 1, 20, 5 }, where 1 is low value, 20 is high value and

## 5 is increment (default value is 1).

## Requested by Pablo Cesar at official HMG forum.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\Grid\_3)

## \* Enhanced: The StatusBar item supports the new BackColor and FontColor properties.

## - New: Added STATUSDATE [ WIDTH <size> ][ ACTION <uAction> ] ;

## [ BACKCOLOR <backcolor> ][ FONTCOLOR <fontcolor> ] command

## in addition to existing DATE command with the similar parameters.

## Syntax:

## DEFINE STATUSBAR

## STATUSITEM MiniGUIVersion() BACKCOLOR BLACK FONTCOLOR WHITE

## STATUSDATE BACKCOLOR BLACK FONTCOLOR WHITE

## CLOCK BACKCOLOR BLACK FONTCOLOR WHITE

## END STATUSBAR

## This implementation is based on the OwnerDraw property of statusitem.

## Warning: these properties are not compatible with statusitem ICON clause.

## Requested by users on Russian HMG forum..

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\Status)

## \* Modified: Added automatic calculation of buffer size in the C-function

## GetPrivateProfileString(). It is important for the proper loading of

## the long strings (f.e. arrays) from an ini file.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Grid\_9)

## \* Updated: DRAW GRAPH (no pie types) correction of a default title height and

## X-axes label's width for maximum DataMask "9,999,999.99".

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Charts)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.8.2 (from 3.8.8.1).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2015-02-11 18:48).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Using of a colored Grid as Achoice' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see demo3.prg in folder \samples\Basic\Grid\_4)

## \* New: 'Add a control on the specified Tab page at runtime' sample.

## Based upon a contribution of S.Rathinagiri <srgiri@dataone.in>

## (see demo2.prg in folder \samples\Basic\Tab\_3)

## \* Updated: 'AdoRDD' sample: added 'Append' test.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\ADORDD)

## \* Updated: 'JPG Viewer' sample: minor change.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\JpgViewer)

## \* Updated: 'Set Themes' sample: added StatusBar coloring.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\SetThemes)

## \* Updated: 'Run Dialog Box' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\RunCmd)

## HMG 2.4 Extended Edition

## 2015/01/21: Build 43

## \* Fixed: Windows problem of overlap between ToolBar with 'Bottom' clause and StatusBar.

## This correction was moved to MiniGUI core from a sample (introduced

## in the build 2.3.6).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo1.prg in folder \samples\Basic\CONTAINERS\TOOLBAR)

## \* Modified: A default font size was changed to 9pt for WinVista or upper.

## It is Microsoft default value of Dialog font size for above systems.

## - New: Added C-function GetSystemFont() for accurately detect of

## the system default font name and font size.

## Added also the separate pseudo-functions GetDefaultFontName() and

## GetDefaultFontSize() for convenient access to these parameters.

## Note: This setting may be override with using of SET FONT TO command.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG:

## - New: Added Visual Effects on Windows

## - SET WINDOW cFormName TRANSPARENT TO nAlphaBlend

## where nAlphaBlend is from 0 to 255 (completely transparent = 0, opaque = 255)

## - SET WINDOW cFormName [ TRANSPARENT ] TO OPAQUE

## - SET WINDOW cFormName TRANSPARENT TO COLOR aColor

## (see demos in folder \samples\Advanced\Transparency)

## - FLASH WINDOW cFormName CAPTION COUNT nTimes INTERVAL nMilliseconds

## - FLASH WINDOW cFormName TASKBAR COUNT nTimes INTERVAL nMilliseconds

## - FLASH WINDOW cFormName [ ALL ] COUNT nTimes INTERVAL nMilliseconds

## (see demo in folder \samples\Advanced\FlashWindow)

## - ANIMATE WINDOW cFormName MODE nFlags INTERVAL nMilliseconds

## - ANIMATE WINDOW cFormName MODE nFlags

## (see demo in folder \samples\Basic\AnimateWindow)

## Contributed by Dr. Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG:

## - added pseudo-functions DoEvents() and SetCursorSystem().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\WAIT\_WINDOW)

## \* Updated: Harbour function HB\_SETCODEPAGE() guarded as HMG\_LEGACY\_OFF in Minigui core.

## This obsolete function was removed in Harbour 3.0 and superseded by hb\_cdpSelect().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see i\_lang.ch in folder \include)

## \* Updated: Added codepages setting for Dutch, Turkish and Swedish languages at minigui

## initialization. It's needed for proper file system actions with national symbols.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Minigui EXTERN list was generated automatically with using hbmk2 utility.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see mgextern.ch and hmg.hbx in folder \include)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.8.1 (from 3.8.8dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2015-01-19 13:24).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Simple Phone Book' sample.

## Based upon a contribution of Dragan Cizmarevic <dragancesu(at)gmail.com>

## (see in folder \samples\Applications\PHONE\_BOOK)

## \* Updated: 'Internet Explorer ActiveX' sample:

## - silent script errors at loading of the internet pages.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ActiveX)

## \* Updated: 'Framework for SDI application' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\FrameWork)

## \* Updated: 'Clipbrd Clear' sample: added an internal Clipboard Viewer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\ClipbrdClear)

## \* Updated: 'Resize It' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\ResizeIt)

## \* Updated: 'Uninstall Editor' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\UNINSTALL\_EDITOR)

## \* Updated: 'Sqlite browser' utility: minor correction.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see in folder \Utils\SqlDBU)

## HMG 2.4 Extended Edition

## 2014/12/10: Build 42

## \* Enhanced: The StatusBar control store his initial height (and width)

## similar to others controls.

## You can get this property at runtime:

## - function syntax:

## GetProperty ( Form, "StatusBar", "Height" ) --> nHeight

## - pseudo-OOP syntax:

## Form.StatusBar.Height --> nHeight

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\GetClientSize)

## \* Enhanced: The hotkey mounting command supports an optional RESULT TO

## <lSuccess> clause.

## Syntax:

## ON KEY <key> [ OF <parent> ] ACTION <action> [ RESULT ] TO <lresult>

## It allows to set the hotkey with validation of a setting.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\REGISTRY\_2)

## \* Updated: Added SET WINDOW MAIN OFF | ON command for compatibility with

## Official HMG.

## Usage:

## SET WINDOW MAIN OFF

## CreateSplashScreen()

## SET WINDOW MAIN ON

## DEFINE WINDOW Win\_1 MAIN

## Note: This command was introduced for compatibility only. It is not

## recommended for using usually but may be useful in some cases.

## (see i\_hmgcompat.ch in folder \include)

## \* Changed: The internal C-functions GetMonthCalYear(), GetMonthCalMonth() and

## GetMonthCalDay() are defined as pseudo-functions.

## They are the wrappers for the C-function GetMonthCalValue().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\MONTHCAL)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.8dev (from 3.8.7.1).

## Upgrading from all prior versions is recommended.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2014-12-05 01:33).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Working with ini files' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see demo3.prg in folder \samples\Basic\ini)

## \* New: 'Setting F12 as a global hotkey' sample.

## Based upon a suggestion at official HMG forum.

## It is a long-awaited solution for user's request about using of F12

## hotkey in the application.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\REGISTRY\_2)

## \* New: 'TsBrowse Configuration Settings' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\Tsb\_config)

## \* New: 'Simple DBU' sample for those who ever need to modify .dbf type databases.

## Based upon a contribution of HMGFORUM user.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\MiDBU)

## \* Updated: 'Flash Player' sample: added open/close handling.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\FlashX)

## \* Updated: 'Managing reservations rooms' sample.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Applications\Reservation)

## HMG 2.4 Extended Edition

## 2014/11/05: Build 41

## \* Fixed: A wrong value of the Memvar variable in a 'Valid' event at using of

## 'InputItems' clause in a Browse control.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: A default font will be depend from used OS as below:

## - 'Segoe UI' font for WinVista or upper;

## - 'Tahoma' font for WinXP;

## - 'MS Sans Serif' otherwise.

## This setting may be override with using of SET FONT TO command.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Enhanced: CheckBox control supports an optional AUTOSIZE clause now.

## It will be useful at definition of the numerous CheckBox controls.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: The GetFile() and PutFile() functions support an optional 6-th

## parameter to control the initial file filter that the user sees.

## This is a numeric parameter that is an index into the filter array.

## Sample code:

## c := GetFile({ {'RTF files','\*.rtf'},{'Text files','\*.txt'} },,,,, 2)

## displays the 'Text files' filter initially instead of 'RTF files'

## nIndex := 2

## PutFile({ {'RTF file','\*.rtf'},{'Text file','\*.txt'} },,,,, @nIndex)

## displays the 'Text files' filter initially and sets var nIndex to 1

## if the user selects an RTF file.

## Based upon a contribution of Kevin Carmody <i@kevincarmody.com>

## (see demo in folder \samples\Advanced\EZTWAIN)

## \* Updated: C-code for compatibility with MinGW 4.9.1 and BCC 6.90 compiling.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Batch file similar to Compile.bat for modifying CHM files.

## Contributed by Kevin Carmody <i@kevincarmody.com>

## (see ModifyChm.bat in folder \Batch)

## \* Changed: The ProcInfo library was moved from samples to folder \minigui\Lib.

## (see procinfo.txt for description in folder \samples\Advanced\ProcInfo)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.7.1 (from 3.8.6).

## Upgrading from all prior versions is recommended.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2014-10-24 15:15):

## \* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD);

## \* Updated: most important differences between Harbour and xHarbour

## (see xhb-diff.txt in folder \harbour\doc)

## Contributed by Przemyslaw Czerpak

## \* Updated: SddSqlt3 library source code (see in folder \Source\HbSqlDD):

## - fixed memory leak in the function sqlite3Execute().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.2.4 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at changelog.txt in folder \Ide)

## \* New: 'EMF Preview/Print' sample.

## Based upon a contribution of Pablo Cesar Arrascaeta <pcarrascaeta/at/gmail.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\EmfViewer)

## \* New: 'MiniPrint: Enhanced look of Print Preview window' sample:

## - Changed cursor behavior in Print Preview window: Zoom and Glass Cursor

## only into a page to print.

## Based upon a contribution of Pablo Cesar and Claudio Soto.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\MiniPrint)

## \* New: 'A simple game of finding pairs' sample.

## Contributed by Roberto Sanchez <jrsancheze@gmail.com>.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\Pares)

## \* New: 'Pseudo GUID Generator' sample.

## Contributed by Christian T. Kurowski <xharbour@wp.pl>

## (see in folder \samples\Applications\PseudoGUIDGen)

## \* Updated: 'Password Generator' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\PassGen)

## \* Updated: CPUSpeed sample (CPUSpeed library source is included).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\CPUSpeed)

## \* Updated: EZTwain sample:

## - revised usage of functions PutFile() and GetMinWidth().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\EZTWAIN)

## \* Updated: 'TsBrowse Colors Settings' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Advanced\Tsb\_colors\_2)

## \* Updated: 'DBFview v.0.78' sample: revised Windows 7 UI look.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\DBFview)

## HMG 2.4 Extended Edition

## 2014/10/06: Build 40a

## \* Fixed: Problem in MT environment after a recent change in Minigui core.

## Reported by Verchenko Andrey <verchenkoag@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\NETIO\_2\Server)

## \* Fixed: Wrong window's height in the function WaitWindow() at Windows 8.1.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo in folder \samples\Basic\DirSelect)

## \* Enhanced: Added support of the AutoIncrement fields in a Browse control.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Added an additional checking of result type at 'When' and 'Valid'

## events in a Browse control.

## Requested by Pedro Chanis <drinol@yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: ErrorSys.prg for compatibility with Viktor's Harbour fork 3.4.0.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2014-10-05 11:45):

## \* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD):

## - added a new code to set a column type giving the highest priority

## SQLITE3 declared column types;

## - declare default size for numeric, blob and any fields larger enough

## to store data after COPY TO from SQLITE3 database.

## Contributed by Przemyslaw Czerpak

## (see demo in folder \samples\Advanced\Sqlit3DD)

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: 'Login to application' sample: minor change.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Basic\Login)

## HMG 2.4 Extended Edition

## 2014/10/02: Build 40

## \* Fixed: Grid control with 'HeaderImages' clause ignore the using of

## SET AUTOADJUST ON command.

## Problem was reported by Pete Dionysopoulos <pete\_westg@yahoo.gr>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Grid\_5)

## \* New: Windows supports now the 'Closable' property.

## You can set/get this property at runtime:

## - function syntax:

## SetProperty ( Form, 'Closable', lLogical )

## GetProperty ( Form, 'Closable' )

## - pseudo-OOP syntax:

## Form.Closable := lLogical

## Form.Closable --> logical value

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: The command SET INTERACTIVECLOSE OFF disable a state of close button [x]

## and "Close" window menu item when a new CHILD or MODAL window is created.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Login)

## \* Enhanced: The 'Width' and 'Height' properties of Modal window are optional now

## similar to 'Row' and 'Col' properties.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see hello2.prg in folder \samples\Basic\Hello\_2)

## \* Enhanced: Added support of execute the native Harbour EXIT procedures on release of

## application and Windows OS down (i.e. logoff, shutdown).

## From now ClipInit and ClipExit are reserved names in MiniGUI core.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MULTI\_PRG)

## \* Enhanced: The GetBox control supports an optional NOBORDER clause.

## Requested by Marcelo Brigatti <mbrigatti@uol.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: The forms are centered on a height of desktop adjusted to taskbar's height.

## It is similar to behaviour of others Windows applications.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Replacing the cycle 'For-Next' with 'For Each-Next' for improvement of

## the speed of a Browse control's refreshing.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\DynamicColor)

## \* Updated: Small corrections in the internal function \_BrowseDelete() for a default

## global setting SET DELETED OFF.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\BROWSE\_8)

## \* Updated: Added WAIT WINDOW command for compatibility with Official HMG.

## This command shows a window with a custom message and pauses

## program execution until an any key is pressed.

## When optional NOWAIT clause is specified program execution

## continue after message is displayed. To hide the message window

## WAIT CLEAR command must be used.

## Warning: This command must be used only after MAIN window was activated.

## Syntax:

## WAIT WINDOW <cMessage> [ NOWAIT ] | CLEAR

## Syntax at Function calling:

## WaitWindow ( [ cMessage , lNoWait ] )

## To hide the message window (WAIT CLEAR) you must omit both parameters.

## Sample 1:

## WAIT WINDOW "Press any key to continue"

## Sample 2:

## WAIT WINDOW "Processing" NOWAIT

## <...>

## WAIT CLEAR

## Based upon a contribution of Pete Dionysopoulos <pete\_westg@yahoo.gr>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\WAIT\_WINDOW)

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - updated Preview for compatibility with a recent change in minigui core.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Basic\MiniPrint)

## \* Updated: 'Bos Taurus' Graphics Library (see source in folder \Source\BosTaurus):

## - minor corrections in C-code.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2014-09-23 13:18):

## \* Updated: MySql library source code (see in folder \Source\HbMySql).

## \* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD):

## - set maximum fieldname size to HB\_SYMBOL\_NAME\_LEN.

## Contributed by Przemyslaw Czerpak

## (see demo in folder \samples\Advanced\Sqlit3DD)

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'hb\_DirScan function usage' sample.

## Based upon a contribution at official HMG forum.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\DirSelect)

## \* New: 'Tree Menu' sample.

## Contributed by Bicahi Esgici <esgici@gmail.com>

## (see in folder \samples\Basic\TreeMenu)

## \* Updated: 'My Dbf Browse' sample: added a postponed Find routine.

## Based upon a contribution of Bicahi Esgici <esgici@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\BROWSE\_8)

## \* Updated: 'Data Binding via Browse' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\BROWSE\_9)

## \* Updated: 'Progress bar using for showing of DBF's processing' sample.

## Problem was reported by Paul Schlicher <paulschlicher@yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\PROGRESSBAR\_3)

## \* Updated: 'View BMP Image' sample with Bitmap handling functions:

## - using of function WaitWindow() from minigui core.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\VIEW\_IMAGE)

## \* Updated: 'Close All' sample:

## - using of Exit procedure on Windows OS shutdown.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\CLOSEALL)

## HMG 2.3 Extended Edition

## 2014/09/09: Build 39

## \* Enhanced: The following additional information is available in the ErrorLog

## file at the program crash:

## - system params;

## - environmental params;

## - detailed work area items (it may be empty section);

## - internal error handling params;

## - list of available Public and Private variables (it may be empty).

## Based upon a Harbour xhb contribution.

## The old behaviour is available also via using of the command

## SET SHOWDETAILERROR OFF on top of a main module.

## Requested by Honorio A. S. Almeida <info2000informa@ig.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\ShowDetailError)

## \* Modified: MiniGUI Error subsystem in h\_error.prg uses now the function

## ErrorNew() for generation of an user's error.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - Enhanced: PRINT IMAGE command supports JPG, GIF, TIF and PNG images.

## Syntax:

## @ <nRow>, <nCol> PRINT IMAGE <cImageFileName> | <cImageResourceName> ;

## WIDTH <nWidth> HEIGHT <nHeight> [ STRETCH ] [ TRANSPARENT ]

## Borrowed from HMG official version 3.3.1 with modifications.

## Requested by Alen Uzelac <alen@bbm.hr>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\MiniPrint)

## \* Updated: WinReport library (see source in folder \Source\WinReport).

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo in folder \samples\Advanced\REPORT\_INTERPRETER)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.6 (from 3.8.6dev).

## Upgrading from all previous versions is recommended.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2014-09-05 13:24):

## \* Fixed: HbZipArc library source code (see in folder \Source\HbZipArc).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.2.3 Project Manager and Two-Way Visual Form Designer:

## - modified linking for using of an external debugger application

## (f.e., hwgdebug by A.Kresin at http://kresin.ru)

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: 'Drawing examples' sample. It explains the DRAW ARC command.

## Based upon a contribution of Michael Joerger.

## (see in folder \samples\Basic\DRAW\_LINE\_ARC)

## \* New: 'Progress bar using for showing of DBF's processing' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\PROGRESSBAR\_3)

## \* New: 'Save/Restore window position through the ini file' sample.

## Based upon a contribution of Janusz Pora <januszpora@onet.eu>.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Basic\SavePos)

## \* New: 'Process Information' sample is based on the ProcInfo library.

## Remark: This sample uses the function ListViewApproximateViewRect()

## which is contributed by Russian user SergKis. This function calculates

## the approximate width and height required to display a given number

## of items.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ProcInfo)

## \* New: 'TsBrowse Colors Settings' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Advanced\Tsb\_colors\_2)

## \* Updated: 'Google Directions' sample based upon a Google Maps service at

## https://maps.google.com.

## Contributed by Roberto-CTBA <conexxus@yahoo.com.br>

## (see in folder \samples\Advanced\GoogleDirections)

## \* Updated: 'MiniGUI Biorhythms' multilingual sample:

## - added Portuguese language translation.

## Contributed by Fernando C. Salvador <fernando@olimporh.com.br>

## (see in folder \samples\Applications\Biorhythm)

## HMG 2.3 Extended Edition

## 2014/08/05: Build 38

## \* New: CHECKLISTBOX control - extended LISTBOX control with inserted checkboxes.

## - New: Added ITEMHEIGHT <size> clause.

## You can set/get 'CheckboxItem' property at runtime:

## - function syntax:

## SetProperty ( Form, Control, 'CheckboxItem', nItem, lState )

## GetProperty ( Form, Control, 'CheckboxItem', nItem )

## - pseudo-OOP syntax:

## Form.ListBox.CheckboxItem( nItem ) := lState

## Form.ListBox.CheckboxItem( nItem ) --> lState

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo in folder \samples\Basic\CheckListBox)

## \* Changed: The internal C-functions GetCursorRow() and GetCursorCol() are

## defined as pseudo-functions.

## They are a wrappers for the C-function GetCursorPos().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\ON\_DROPFILES)

## \* Updated: Disable update of a ListView at a Browse control's refreshing.

## Suggested by Russian user SergKis.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - Changed: minor simplification.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.6dev (from 3.8.5).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 3.2.0dev (r2014-08-01 02:04).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Using of the functions bColor() and bColor2()' sample:

## - attempt to build a custom Color's schemes.

## Contributed by Russian user SergKis

## (see in folder \samples\Advanced\bColor)

## \* Updated: 'Multiple Combined Search Box' sample:

## - fixed using of 'This' object reference after recent changes.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\CombinedSearchBox)

## \* Updated: 'Combined Search Grid' sample:

## - fixed using of 'This' object reference after recent changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ComboSearchGrid)

## \* Updated: 'Fill Triangle' sample for compatibility with 'ThisWindow' reference.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\FillTriangle)

## \* Updated: 'Windows Version' sample:

## - Added: Windows 8.1 is detected now.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\WinVersion)

## \* Updated: 'MSConfig CleanUp' sample: minor changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\MSConfig\_Cleanup)

## HMG 2.3 Extended Edition

## 2014/07/09: Build 37

## \* Fixed: Correction in the function \_GetFocusedControl() for ComboBox control

## with DisplayEdit clause and ComboBoxEx control.

## Problem was reported at official HMG forum.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: 'ThisWindow' object reference may be used inside a structure

## DEFINE WINDOW ... END WINDOW.

## Sample code:

## DEFINE WINDOW Win\_1 TITLE 'Hello World!' WINDOWTYPE MAIN

## This.Sizable := .F.

## This.MaxButton := .F.

## This.MinButton := .F.

## END WINDOW

## Contributed by Russian user SergKis

## (see demo2.prg in folder \samples\Basic\ExtractIcon)

## \* Changed: Function InkeyGUI([<nMilliSec>])-->VKey was moved to MiniGUI core.

## Contributed by Russian user SergKis

## (see demo2.prg in folder \samples\Basic\WAIT\_WINDOW)

## \* Enhanced: The ButtonEx control supports an optional HANDCURSOR clause and

## 'ON MOUSEHOVER' and 'ON MOUSELEAVE' events.

## Using of above events allow dynamically change a button's look at

## a mouse hover and got focus after arrows keys pressing.

## Requested by Verchenko Andrey <verchenkoag@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see cpanel\_2.prg in folder \samples\Advanced\CONTROL\_PANEL and

## menulist\_2.prg in folder \samples\Advanced\MenuList)

## \* Enhanced: HOTTRACK clause have used for highlighting of selected Tab page

## at an owner-draw colored TAB. It is an experimental feature.

## Requested by Eduardo Piazza <e.p@ergosoftware.it>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\TAB)

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG:

## - added pseudo-functions IsValidWindowHandle() and IsMinimized().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Config file of hbmk2 utility: revised description of needed libs.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see minigui.hbc in folder \harbour\bin)

## \* Updated: HBPrinter library v.2.37:

## - Fixed: Brush and pen not working when printing a rounded rectangle.

## - New: Added command SET COPIES [TO] <nCopies>

## Requested by Vianei Moreira de Lemos <vianeimoreira@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\HBPrinter)

## \* Updated: PropGrid library source code:

## - Changed: Optional clause ITEMDATA for item type STRING to execute

## InputMask in form Control TextBox.

## Contributed by Janusz Pora <januszpora@onet.eu>

## \* Updated: HbXml library source code (see in folder \Source\HbXML).

## Borrowed from HwGui v2.18 by Alexander Kresin <alex@kresin.ru>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\XMLDEMO)

## \* Updated: Harbour Compiler 3.2.0dev (r2014-06-26 18:42).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Grid Row Height workaround' sample.

## Based upon a contribution of S.Rathinagiri <srgiri@dataone.in>

## (see in folder \samples\Basic\Grid\_RowHeight)

## \* New: 'Control Panel with ButtonEx' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\CONTROL\_PANEL)

## \* New: 'Menu List with ButtonEx' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\MenuList)

## \* New: 'External Application Control' sample.

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Advanced\ExternalApp\_2)

## Warning: This example don't work properly at 64-bit version of Windows.

## \* New: 'Sqlite browser' utility.

## Contributed by Janusz Pora <januszpora@onet.eu>.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\SqlDBU)

## \* Updated: 'Example assembled from three parts (modules)' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Basic\SPLASHDEMO\_3)

## \* Updated: 'Method AddPage, AddControl and BackColor in TAB' sample.

## Based upon a contribution of Daniel Maximiliano.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Tab\_2)

## HMG 2.3 Extended Edition

## 2014/06/11: Build 36

## \* Changed: The C-functions SetArrowCursor() and SetWaitCursor() are

## defined as pseudo-functions.

## They are a wrappers for the C-function SetWindowCursor().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\CURSOR)

## \* Changed: The internal C-function ReleaseControl() is defined as pseudo-function.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Modified: The C-function GetWindowRect() supports a second parameter as numeric value.

## Syntax:

## nRet := GetWindowRect( hWnd, /\*@\*/ aPos | nSwitch ),

## where nSwitch have the following values:

## 1 - function returns Window Row of specified handle hWnd;

## 2 - function returns Window Column of specified handle hWnd;

## 3 - function returns Window Width of specified handle hWnd;

## 4 - function returns Window Height of specified handle hWnd.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\DropDown)

## \* Changed: The C-functions GetWindowRow(), GetWindowCol(), GetWindowWidth() and

## GetWindowHeight() are defined as pseudo-functions.

## They are a wrappers for the updated C-function GetWindowRect().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\FormStorage)

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - Updated: Unified definition of hotkeys in the three forms.

## Borrowed from HMG official version 3.3

## (see demo in folder \samples\Basic\miniprint)

## \* Updated: 'Bos Taurus' Graphics Library (see source in folder \Source\BosTaurus).

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Advanced\BosTaurus)

## \* Updated: HbXml library source code (see in folder \Source\HbXML).

## Borrowed from HwGui v2.18 by Alexander Kresin <alex@kresin.ru>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\XMLDEMO)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.5 (from 3.8.5dev).

## Upgrading from the previous version is recommended.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 3.2.0dev (r2014-05-23 17:01).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'MiniPrint Demo' sample. Borrowed from HMG 4 project.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\miniprint)

## \* New: 'Usage of FreeImage DLL for images from file and resource' sample.

## This sample is required a library FreeImage.Dll from http://freeimage.sourceforge.net

## Based upon a contribution of Vladimir Chumachenko <ChVolodymyr@yandex.ru>

## (see in folder \samples\Advanced\FreeImage\_2)

## \* Updated: 'Charts ADO' sample: minor change.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Charts)

## \* Updated: 'ToolBar container' sample:

## - Fixed: Windows problem of overlap between ToolBar Bottom and StatusBar.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo1.prg in folder \samples\Basic\CONTAINERS\TOOLBAR)

## HMG 2.3 Extended Edition

## 2014/05/22: Build 35

## \* Modified: C-code cleaning for spare declarations of Windows constants and

## compatibility with XCC compiler.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: The C-functions CursorArrow(), CursorHelp(), CursorWait(), CursorCross(),

## CursorIBeam(), CursorAppStarting(), CursorNo(), CursorSizeAll(), CursorSizenEsW(),

## CursorSizenWsE(), CursorSizeNS(), CursorSizeWE() and CursorUpArrow() are

## defined as pseudo-functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\CURSOR)

## \* Changed: The internal C-functions ListView\_SetColumnWidthAuto() and

## ListView\_SetColumnWidthAutoH() are defined as pseudo-functions.

## They are a wrappers for the C-function ListView\_SetColumnWidth().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\Grid)

## \* Enhanced: DEFINE BKGBRUSH command supports JPG, GIF, TIF and PNG images also.

## - DEFINE BKGBRUSH <brush> PATTERN IN [ WINDOW ] <parent> ;

## BITMAP | IMAGE | PICTURE <image>

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\WindowBackground)

## \* Enhanced: Registry class supports 32-bit applications running under 64-bit Windows.

## Based upon WinAPI function IsWow64Process().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\7-Zip)

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG:

## - added pseudo-function GetFocusedControlType().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: 'Bos Taurus' Graphics Library (see source in folder \Source\BosTaurus).

## Contributed by Claudio Soto <srvet@adinet.com.uy>.

## (see demos in folder \samples\Advanced\BosTaurus)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.5dev (2014-05-17 16:56).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 3.2.0dev (r2014-05-06 17:32).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Directory Tree' sample (build tree of folders and files).

## Based upon a contribution of Vladimir Chumachenko <ChVolodymyr@yandex.ru>

## (see in folder \samples\Basic\IMAGETREE\_3)

## \* New: 'System Idle' samples (detect inactivity of keyboard and mouse).

## Based upon a contribution at official HMG forum.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\SysIdle)

## \* Updated: 'HMG ReadXLS' sample: minor changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ReadXLS)

## HMG 2.3 Extended Edition

## 2014/04/25: Build 34

## \* Changed: The internal C-functions DisableToolButton(), EnableToolButton(),

## SetSliderRange() and SetProgressBarRange() are defined as pseudo-functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Basic\CONTAINERS\TOOLBAR)

## \* Changed: Duplicated internal C-function SetRangeProgressBarItem() was removed.

## It has been replaced with C-function SetProgressBarRange().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Progress\_Status)

## \* Enhanced: The function BmpSize() supports JPG, GIF, TIF and PNG from resource also.

## Its based on the calling C-function GetBitmapSize(C\_GetResPicture(ResName)).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\BmpSize)

## \* Updated: SET CODEPAGE command supports a missed languages:

## - Added command SET CODEPAGE TO FRENCH

## - Added command SET CODEPAGE TO ITALIAN

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see i\_lang.ch in folder \include)

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - Fixed: Controls in Panel window into Modal window are leaved disabled

## after calling of Print Preview dialog.

## Contributed by Claudio Soto <srvet@adinet.com.uy>

## \* Updated: HbXml library source code (see in folder \Source\HbXML).

## Borrowed from HwGui v2.18 by Alexander Kresin <alex@kresin.ru>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\XMLDEMO)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.5dev (from 3.8.4.1).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 3.2.0dev (r2014-04-03 14:26):

## \* Fixed: very serious bug which could cause a memory corruption when

## thread unlocked HVM stack;

## \* Updated: PostGreSQL library source code (see in folder \Source\HbPgSql);

## \* New: added module for writing Harbour FILE IO redirectors at PRG level.

## Contributed by Przemyslaw Czerpak <druzus/at/priv.onet.pl>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Three-State Checkboxes TreeView' sample.

## Requested by Simon Norbert <simon.n@t-online.hu>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\IMAGETREE\_1)

## \* New: 'OwnerDraw Box and Letters' sample.

## Based upon a contribution at official HMG forum.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\LABEL\_3)

## \* Updated: 'Report Generator' sample by Roberto Lopez <harbourminigui@gmail.com>:

## - updated for compatibility with recent Harbour changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\REPORT\_GENERATOR)

## \* Updated: 'DBF Browser' sample: added saving of database structure as PDF file.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\hmg\_dbview)

## HMG 2.3 Extended Edition

## 2014/03/30: Build 33

## \* Changed: The C-functions InsertUp(), InsertDown(), InsertPrior(), InsertNext(),

## InsertTab(), InsertBackspace(), InsertPoint() and InsertReturn() are

## defined as pseudo-functions.

## They are a wrappers for the C-function InsertVKey().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\Grid\_4)

## \* Changed: The header file i\_winuser.ch used to resolve WinAPI constants in core.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see i\_winuser.ch in folder \include)

## \* Updated: Header files for compatibility with Viktor Harbour's fork 3.4.0:

## - added HbWin contrib library dependence.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Header file i\_hmgcompat.ch for compatibility with mixed button's

## default style.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Added xHarbour translations for the following Harbour only functions:

## hb\_default(), hb\_defaultValue() and \_\_defaultNIL().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see i\_pseudofunc.ch in folder \include)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: Correction using of block bAction in the class TBtnBox.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.4.1 (from 3.8.3.1).

## Developers are encouraged to upgrade from all prior releases.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 3.2.0dev (r2014-03-16 19:54):

## \* New: added hbCOMIO and hbTCPIO redirectors libraries.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: MsgMenu sample by Carlos Britos <bcd12a@yahoo.com.ar>:

## - Modified for compatibility with a last image processing changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\MsgMenu)

## \* Updated: 'Desktop Notes' sample: minor correction.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\DeskNote)

## HMG 2.3 Extended Edition

## 2014/02/26: Build 32

## \* Changed: The C-functions PlayBeep(), PlayAsterisk(), PlayExclamation(),

## PlayHand(), PlayQuestion() and PlayOk() are defined as pseudo-functions.

## They are a wrappers for the C-function MessageBeep().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Changed: Replacing the cycle 'For-Next' with 'For Each-Next' for improvement of

## the speed in the some internal functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Optimized: HMG internal hotkey assigning in the Tab control.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\TAB)

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG:

## - added pseudo-function System.EmptyClipboard.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.3.1 (from 3.8.3dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 3.2.0dev (r2014-02-07 20:23):

## \* Updated HaruPDF library to 2.3.0RC3 (from 2.3.0RC2);

## \* Updated MiniZip library to 1.2.8 (from 1.2.7);

## \* Updated PCRE library to 8.34 (from 8.31).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'MOUSEHOVER and MOUSELEAVE events for LABEL control' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\ON\_MOUSEHOVER)

## \* New: 'Move a standard dialog box in the screen' sample.

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\MoveDialogBox)

## \* New: 'DBF Browser' sample: simple modify structure and view/edit/seek utility.

## Borrowed from HwGui v2.18 by Alexander Kresin <alex@kresin.ru>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\hmg\_dbview)

## \* Updated: 'Get Fonts' sample: used a new function GetFontList().

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\GetFonts)

## \* Updated: 'MessageBox Button Hook' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\MsgBtnEx)

## HMG 2.3 Extended Edition

## 2014/01/23: Build 31

## \* Fixed: The Label control do not show of ToolTip at definition (introduced

## in the build 2.1.9).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: The RadioGroup and Spinner controls do not change of ToolTip at runtime.

## This problem exists in the official version too.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Enhanced: The Image control supports optional TOOLTIP clause at definition and

## 'Tooltip' property at runtime similar to others controls.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Enhanced: The Tree control supports changing of Item Image property at runtime:

## - function syntax

## SetProperty ( ParentForm, TreeName, 'IMAGE', nItem, aImage )

## - pseudo-OOP syntax

## Form.Tree.Image( nItem ) := {'Image.bmp'}

## Form.Tree.Image( nItem ) := {'UnselectImage','SelectImage'}

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Basic\IMAGETREE\_2)

## \* Changed: The internal C-functions RebarHeight() and SizeRebar() are defined

## as pseudo-functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\Grid\_4)

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - Fixed: Added missed iStream release.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.3dev (from 3.8.2).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SQLITE\_2)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Changed: Minor correction in handling of internal combobox at editing.

## Contributed by Igor Nazarov.

## \* Updated: Harbour Compiler 3.2.0dev (r2014-01-21 20:41):

## \* New: added HbSSL wrapper library and OpenSSL corresponding libraries.

## \* Updated: HbODBC library source code (see in folder \Source\HbODBC).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Harbour extended Field Types' console sample.

## Contributed by Bicahi Esgici <esgici@gmail.com>

## (see in folder \samples\Basic\ExFldTps)

## \* New: 'Show of icons from the system library shell32.dll'.

## Based upon a contribution of Verchenko Andrey <verchenkoag@gmail.com>

## (see demo2.prg in folder \samples\Basic\ExtractIcon)

## \* New: 'Bos Taurus: Image converter to BMP, JPG, GIF, TIF, PNG, PDF' sample.

## Based upon a contribution of Bicahi Esgici <esgici@gmail.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\BTExplore\_2)

## \* Updated: 'Console+GUI mixed mode' sample: tuning of Win7 compatibility.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\MixedMode)

## \* Updated: 'Process Killer' sample: minor change.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\PROCESS\_KILLER)

## HMG 2.3 Extended Edition

## 2013/12/12: Build 30 Christmas Edition

## \* Fixed: Added missing INTERACTIVECLOSE event's handling in the InputBox() function.

## Contributed by Pete Dionysopoulos <pete\_westg@yahoo.gr>.

## \* Enhanced: InputBox() and InputWindow() functions respects the global icon setting

## which was specified via the command SET DEFAULT ICON TO <IconName>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\InputBox)

## \* Enhanced: Maintenance of Get Item property for Virtual Grid control at runtime:

## - function syntax:

## GetProperty ( Form, Control, 'Item', nItem ) --> aRowArray

## - pseudo-OOP syntax:

## Form.Grid.Item( nItem ) --> aRowArray

## Requested by Pete Dionysopoulos <pete\_westg@yahoo.gr>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\Grid\_8)

## \* Enhanced: Added readonly 'Handle' property to 'This' object reference.

## Common syntax: hControl := This.Handle

## Windows only syntax: hWnd := ThisWindow.Handle

## Warning: It is a low-level property for careful using at WinAPI access.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\ZOOM)

## \* Changed: The needed public functions may be preserved in the minigui core via

## removing of comment for constant #define \_KEEP\_MACROFUNCS\_ in the header

## file include\minigui.ch if you want to use these functions in the macros.

## Requested by Adam Lubszczyk <adam\_l@poczta.onet.pl>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Changed: The internal C-functions HideWindow(), Maximize(),

## Minimize() and Restore() are defined as pseudo-functions now.

## They are a wrappers for the C-function ShowWindow().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.2 (from 3.8.2dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SQLITE\_2)

## \* Updated: TMsAgent library:

## - Fixed: code cleaning for warnings with Harbour switch -w3.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (r2013-12-06 10:52).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Ribbon Bar image emulation' sample.

## Based upon a contribution of Eduardo Luis Azar <elalegal@yahoo.com.ar>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\RibbonBar)

## \* New: 'Win8 METRO Style' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see demos in folder \samples\Advanced\Win8\_Style)

## \* Updated: 'My Dbf Browse' sample: minor change.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\BROWSE\_8)

## \* Updated: 'EZ Lines v.1.2.3' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\EZ\_Lines)

## HMG 2.2 Extended Edition

## 2013/11/21: Build 29

## \* New: Added MULTITAB [TABSWIDTH <aWidth>] and MULTICOLUMN clauses for LISTBOX control.

## For MULTITAB style set and get items value may be the array type.

## There are also two auxiliary functions for listbox array handling:

## - LB\_Array2String(<aItem>[,<sep>]) -> cString

## - LB\_String2Array(<cString>[,<sep>]) -> aItem

## where <sep> is a delimiter (default is 'Tab' symbol).

## Based upon a contribution of Janusz Pora <januszpora@onet.eu>

## (see demo in folder \samples\Basic\Listbox\_4).

## \* Changed: The internal C-functions GetEscapeState(), GetAltState(),

## IsInsertActive(), IsCapsLockActive(), IsNumLockActive() and

## IsScrollLockActive() are defined as pseudo-functions now.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\FrameWork)

## \* Changed: The internal functions \_DrawImageFromImageList() and

## \_RemoveImageFromImageList() are defined as pseudo-functions now.

## They are a wrappers for the corresponding C-functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: The functions GetFolder() and BrowseForFolder() are defined as

## pseudo-functions now.

## They are a wrappers for the C-function C\_BrowseForFolder().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\GetFolder)

## \* Changed: Added the internal C-function GetSystemMetrics() instead of using

## ten separate C-functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SystemMetrics)

## \* Updated: Added automatic calling the function RegOpenKeyEx with KEY\_READ switch

## in the Registry class for compatibility with Win7 UAC.

## Requested by Manfred Bergler <ecadata@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\REGISTRY)

## \* Updated: SQLite3Facade library source code (see in folder \Source\SQLite3Facade):

## - Modified: method CreateIndex allows to create a multi-column indexes.

## Based upon a contribution of Antonio Novo <antonionovo@gmail.com>

## (see demo2.prg in folder \samples\Advanced\SQLITE\_3)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.2dev (from 3.8.1).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SQLITE\_2)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: AutoSearch option for a table was not performed bChange block.

## Contributed by Janusz Pora <januszpora@onet.eu>

## \* Updated: Harbour Compiler 3.2.0dev (r2013-11-05 08:21):

## \* Updated: SDDsqlt3 library source code (see in folder \Source\HbSqlDD):

## - fixed missing first record of any query.

## Contributed by Viktor Szakats

## (see demo in folder \samples\Advanced\Sqlit3DD)

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.2.2 Project Manager and Two-Way Visual Form Designer.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: 'Animate Window' sample is based upon the AnimateWindow API.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\AnimateWindow)

## \* Updated: 'Tray Message Balloon' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\TrayBalloon)

## \* Updated: 'Windows Script Host usage' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\WSH\_Service)

## HMG 2.2 Extended Edition

## 2013/10/30: Build 28

## \* New: Added Message Box with a timeout, the message box closes itself after

## the timeout period was reached. It's based upon an undocumented

## MessageBoxTimeout API located in user32.dll.

## Syntax:

## nRet := MessageBoxTimeout( Text, Caption, nButtonFlag, nMilliSeconds )

## The function returns an integer value of either a MB\_TIMEDOUT value

## (indicating the timeout period was reached and the Message Box auto

## closed), or a value representing the button the user clicked.

## Notice that the return value is always 1, when a message box with

## only an OK button (MB\_OK flag) is used.

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MsgBoxTimeout)

## \* Fixed: Font name/size of TIMEPICKER control was not changed after his definition

## at the declaration (was used a default font name/size).

## Problem was reported by Jan Costiander <jan.costiander@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\datetime)

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG.

## Problem was reported by Ari Morato <zamox2000@yahoo.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MENU\_Dynamic)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.1 (from 3.8.1dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SQLITE\_2)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - New: Added a new parameter bPrintRow for selection of records

## in the method Excel2() similar to the method ExcelOle().

## Contributed by Janusz Pora <januszpora@onet.eu>

## \* Updated: Harbour Compiler 3.2.0dev (r2013-10-15 23:29).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Harbour librarian' utility.

## Contributed by Igor Nazarov.

## Revised by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\HB\_LIB)

## \* New: 'Console To GUI Enter Form' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\ConsoleToGUI)

## \* New: 'OwnButtonPaint Function Experimentation' sample shows how to create

## an ownerdraw window, menu, toolbar and different buttons styles.

## Don't miss this very interesting example!

## Contributed by Sergey Logoshny <serlogosh@yandex.ru>

## (see in folder \samples\Advanced\ExpButton)

## \* New: 'Dayly-SL v.2.0 reminder program' sample.

## Based upon a contribution of Sergey Logoshny <serlogosh@yandex.ru>.

## Revised and formatted by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\Daily)

## \* Updated: 'Shrink It' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ShrinkIt)

## HMG 2.2 Extended Edition

## 2013/10/10: Build 27

## \* Changed: The automatical refreshing of client area of form at startup may be

## blocked by using of the command SET PROGRAMMATICCHANGE OFF.

## Requested by Rene Koot <rene@plantenkennis.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: The internal C-functions ListboxAddString(), ListboxInsertString(),

## ListboxSetCurSel(), ListboxGetCurSel(), ListboxDeleteString(),

## ListboxReset(), ListboxGetItemCount() are defined as pseudo-functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Basic\Listbox)

## \* Changed: The internal C-functions ComboAddString(), ComboInsertString(),

## ComboSetCurSel(), ComboGetCurSel(), ComboboxDeleteString(),

## ComboboxReset(), ComboboxGetItemCount(), ComboboxDeleteItemEx()

## are defined as pseudo-functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Basic\COMBO\_5)

## \* Changed: The internal C-functions ListviewDeleteString() and ListviewReset()

## are defined as pseudo-functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Basic\Grid\_7)

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\BROWSE\_9)

## \* Updated: PropGrid library source code:

## - Fixed: Typo which prevents a correct work in the Tab Control.

## Reported by Jozef Rudnicki <j\_rudnicki@wp.pl>.

## Contributed by Janusz Pora <januszpora@onet.eu>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.1dev (from 3.8.0.2).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 3.2.0dev (r2013-09-24 16:59):

## \* Updated: most important differences between Harbour and xHarbour

## (see xhb-diff.txt in folder \harbour\doc)

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Data Binding via Browse' sample.

## Based upon a contribution at official HMG forum.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\BROWSE\_9)

## \* New: 'Draw Border' sample.

## Based upon a contribution by Bicahi Esgici <esgici@gmail.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\DrawBorder)

## \* New: 'Grid colors test' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see demo2.prg in folder \samples\Basic\Grid\_4)

## \* New: 'Example assembled from three parts (modules)' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Basic\SPLASHDEMO\_3)

## \* New: 'Open table via SBrowse' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\Tsb\_sbrowse)

## \* Updated: 'TextBox with Valid clause' sample:

## - Added exit from a form without any validation.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\VALID)

## \* Updated: 'EZ Lines v.1.2.3' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\EZ\_Lines)

## \* Updated: 'Phone Base' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\PHONE\_BASE)

## \* Updated: 'Data Base Assistant' utility:

## - Fixed: code cleaning for warnings with Harbour switch -w2.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\DBA)

## \* Updated: 'DataBase Utility':

## - Fixed: code cleaning for warnings with Harbour switch -w3.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\DBU)

## HMG 2.2 Extended Edition

## 2013/09/17: Build 26

## \* Changed: The BACKGROUNDCOLOR property of MonthCal control was renamed to

## BKGNDCOLOR at the alternative syntax for avoiding of duplication

## Image control property (introduced in the build 2.2.3).

## Remark: This property of MonthCal is available only at WinXP or earlier.

## (see month.prg in folder \samples\Basic\Monthcal)

## \* Changed: The internal C-functions SetMonthCalMonthBkColor(), SetMonthCalFontColor(),

## SetMonthCalTitleBkColor(), SetMonthCalTitleFontColor(), SetMonthCalBkColor(),

## SetMonthCalTrlFontColor(), SetMonthCalFirstDayOfWeek(),

## GetMonthCalFirstDayOfWeek() are defined as pseudo-functions now.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Basic\Monthcal)

## \* Changed: The internal C-functions SetDatePickFontColor(), SetDatePickTitleBkColor(),

## SetDatePickTitleFontColor(), SetDatePickBkColor(), SetDatePickTrlFontColor()

## are defined as pseudo-functions now.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\DatePicker)

## \* Changed: The internal C-function ClearIpAddress() is defined as pseudo-function.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\IPADDRESS)

## \* Changed: The internal C-functions SetProgressbarBarColor(), SetProgressbarBkColor()

## are defined as pseudo-functions now.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo3.prg in folder \samples\Basic\PROGRESSBAR)

## \* Changed: The internal C-functions SetSpinnerValue(), GetSpinnerValue() and

## SetSpinnerRange() are defined as pseudo-functions now.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\SPINNER)

## \* Changed: The internal C-functions GetBandCount(), GetButtonBarCount() and

## CustomizeToolbar() are defined as pseudo-functions now.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Basic\TOOLBAR)

## \* Changed: The internal functions TreeView\_GetBkColor(), TreeView\_GetIndent(),

## TreeView\_GetItemHeight(), TreeView\_GetLineColor(), TreeView\_GetTextColor(),

## TreeView\_SetBkColor(), TreeView\_SetIndent(), TreeView\_SetItemHeight(),

## TreeView\_SetLineColor(), TreeView\_SetTextColor() are defined as pseudo-

## functions now.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Tree)

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.0.2 (from 3.8.0dev).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SQLITE\_2)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Modified: improving displays an empty array at the initiation.

## Contributed by Janusz Pora <januszpora@onet.eu>

## \* Updated: Harbour Compiler 3.2.0dev (r2013-09-10 02:09).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.2.1 Project Manager and Two-Way Visual Form Designer:

## - Fixed: Controls Copy Action not show the new object Height/Width.

## Reported by Ariel Savransky.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: 'Mouse Drag' sample with using 'On MouseDrag' event for drawing of triangle.

## Based upon a contribution by Bicahi Esgici <esgici@gmail.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\MouseDrag)

## \* New: 'Message Functions Improvements' sample.

## Based upon a contribution by Bicahi Esgici <esgici@gmail.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\MsgFuncs)

## \* New: 'MiniPrint for beginners in 10 easy steps' sample.

## Based upon a contribution by Bicahi Esgici <esgici@gmail.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\MiniPrint\_2)

## \* Updated: 'Stock' (Builder of the Function List) sample:

## - Fixed: code cleaning for warnings with Harbour switch -w3.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\FuncList)

## HMG 2.2 Extended Edition

## 2013/08/08: Build 25

## \* Fixed: Correction of filter value in the functions GetFile() and PutFile().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folders \samples\Basic\GetFile and \samples\Basic\PutFile)

## \* Modified: Added reset of a width of dropdown list to control width in

## ComboBox[Ex] control at runtime via using:

## - function syntax:

## SetProperty ( Form, ComboBox, 'ListWidth', 0 )

## - pseudo-OOP syntax:

## Form.ComboBox.ListWidth := 0

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\ComboEx)

## \* Updated: Revised PRG-code for compatibility with xHarbour switch -w3:

## - h\_edit.prg;

## - h\_edit\_ex.prg;

## - h\_graph.prg (was established switch -w2).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Custom-made formatting of h\_windows.prg source by the current Harbour's

## hbformat utility (postponed in the build 2.1.8).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Richedit)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.8.0dev (from 3.7.17).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 3.2.0dev (r2013-07-18 02:24):

## \* Updated: MySql library source code (see in folder \Source\MySql):

## - Added quotation marks in the name of the fields in the method

## CreateTable().

## Contributed by Janusz Krawczyk <januszkrawczyk@ymail.com>

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Browse For Folder' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\GetFolder\_2)

## \* New: 'Transparent Splash Window' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\SPLASHDEMO\_2)

## \* New: 'HMG Barcode Generator' sample is based upon hbzebra harbour contrib

## library and BosTaurus library.

## Contributed by Dr. Claudio Soto and S. Rathinagiri.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\HMG\_Zebra)

## \* Updated: 'Table of Colors' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\ColorsTable)

## \* Updated: 'Richedit' sample:

## - modified richedit controls context menu similar to

## default Windows context popup menu.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Richedit)

## \* Updated: 'GrayBmp at runtime' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\GrayBmp)

## \* Updated: ImageList sample:

## - Updated for compatibility with a recent image processing changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ImageList)

## HMG 2.2 Extended Edition

## 2013/07/16: Build 24

## \* Fixed: Possible memory leak in the internal C-function HMG\_LoadPicture()

## (introduced in the build 2.2.3).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Program crash at the repeating inplace editing in the Browse control

## (introduced in the build 47).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Correction of using the function rlock() at an inplace editing

## before replacing of database field value in the Browse control.

## Contributed by Kevin Carmody <i@kevincarmody.com>

## \* Enhanced: Errorlog file shows now a time from start of the application.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\ErrorLog)

## \* Updated: WinReport library (see source in folder \Source\WinReport).

## This version is considered as Beta release.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo in folder \samples\Advanced\REPORT\_INTERPRETER)

## \* Updated: Harbour Compiler 3.2.0dev (r2013-07-08 17:09):

## \* Updated: MySql library source code (see in folder \Source\MySql):

## - Added missing mysql field types in the method TableStruct().

## Contributed by Janusz Pora <januszpora@onet.eu>

## \* Updated: most important differences between Harbour and xHarbour

## (see xhb-diff.txt in folder \harbour\doc)

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: 'FileCopy with progressbar' sample by Jacek Kubica.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Filecopy)

## \* Updated: 'Grid Color' sample: using of a new pseudo-function nRGB2Arr().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\GridColor)

## \* Updated: 'Edit controls CueBanner usage' sample.

## Based upon a contribution of S.Rathinagiri <srgiri@dataone.in>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Advanced\CueBanner)

## \* Updated: 'System Metrics' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\SystemMetrics)

## \* Updated: 'WebCam preview and capture' sample:

## - Added: capturing the image from camera through the clipboard copy.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\WebCam\_2)

## HMG 2.2 Extended Edition

## 2013/06/20: Build 23b

## \* Updated: Header file i\_hmgcompat.ch for compatibility with Official HMG.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: Detection of AutoFilter column number in the Special Header.

## Problem was reported by Ryszard Rylko <rrylko@cirow.pl>.

## Contributed by Janusz Pora <januszpora@onet.eu>

## \* Updated: Harbour Compiler 3.2.0dev (r2013-06-19 14:31).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'TextBox CueBanner' sample.

## Based upon a contribution of S.Rathinagiri <srgiri@dataone.in>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\CueBanner)

## HMG 2.2 Extended Edition

## 2013/06/14: Build 23a

## \* Fixed: Restored a normal Stretch behaviour of Image control.

## Requested by Adalberto <eninsoft@...> from brazilian forum MiniGUI.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\IMAGE\_2)

## \* Updated: HMGS-IDE v.1.2.0 Project Manager and Two-Way Visual Form Designer:

## - Updated: Added Borland msimg32 library to the link script.

## - Changed: Renamed mysql library to hbmysql in the link script.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: MPM utility:

## - Updated: Added Borland msimg32 library to the link script.

## - Changed: Renamed mysql library to hbmysql in the link script.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\MPM)

## \* Updated: Harbour Compiler 3.2.0dev (r2013-06-11 16:28):

## \* Updated: most important differences between Harbour and xHarbour

## (see xhb-diff.txt in folder \harbour\doc)

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: 'Image-based ToolBar' sample:

## - Updated for compatibility with a recent image processing changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo3.prg in folder \samples\Basic\TOOLBAR)

## HMG 2.2 Extended Edition

## 2013/06/12: Build 23

## \* Fixed: Wrong default width's size of IpAddress control at WinXP or later.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo in folder \samples\Basic\IPADDRESS)

## \* Enhanced: The Image control supports now PNG and TIF images via using

## a dynamic loading of the system GdiPlus.dll.

## - New: Added the following properties:

## - BACKGROUNDCOLOR aRGBcolor;

## - ADJUSTIMAGE lValue.

## It increased the quality of the resized images.

## Now is possible to automatically load an image at its original size.

## Based upon a contribution of Claudio Soto <srvet@adinet.com.uy>.

## Remark: WHITEBACKGROUND clause is supported for compatibility only.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\IMAGE\_2)

## \* Enhanced: The Toolbar[Ex] control supports now PNG, GIF and TIF images.

## Transparent property will be added to these images automatically.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG 3.1.3:

## - New: Functions/Commands for better program control. With these commands

## we can avoid re-entry while processing the events of a control or window

## allowing the use of other controls/functions that generate messages of

## re-called of events:

## DISABLE [ CONTROL ] EVENT ControlName OF FormName

## ENABLE [ CONTROL ] EVENT ControlName OF FormName

## StopControlEventProcedure ( cControlName, cFormName, lStop )

## DISABLE [ WINDOW ] EVENT OF FormName

## ENABLE [ WINDOW ] EVENT OF FormName

## StopWindowEventProcedure ( cFormName, lStop )

## GetLastActiveFormIndex () --> Return nFormIndex

## GetLastActiveControlIndex () --> Return nControlIndex

## (see demo in folder \samples\Basic\StopEvents)

## - New: MsgDebug() function accepts as a parameters any data type, elements

## or objects. Returns a string with the message displayed on the screen.

## Example:

## cMsg := MsgDebug( TIME(), aData, {|| NIL}, .F., EVAL({|| DATE()}), n==3 )

## Contributed by Dr. Claudio Soto

## These changes are guarded by constant \_HMG\_COMPAT\_ in the sources.

## - Updated: MsgBox, MsgExclamation, MsgInfo, MsgOkCancel, MsgRetryCancel,

## MsgStop, MsgYesNo Functions:

## Now these functions accept as a parameter the array of any data type.

## Example:

## MsgInfo( { "Value: ", nValue, " Format: ", cString } )

## \* Updated: German language translation in miniprint.prg and h\_init.prg.

## Contributed by Wolfgang Woick <wolfgang@woicknet.de>

## \* Updated: 'Bos Taurus' Graphics Library (see source in folder \Source\BosTaurus).

## Contributed by Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Advanced\BosTaurus)

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - Updated: Modified preview of thumbnails for compatibility with a last image

## processing changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\miniprint)

## \* Updated: WinReport library (see source in folder \Source\WinReport).

## This version is considered as Beta release.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo in folder \samples\Advanced\REPORT\_INTERPRETER)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Added: Resetting sort column after erasing all records in Browse ARRAY type.

## - Added: Blocking some blocks of code for an empty table (tag lPhantArrRow).

## Contributed by Janusz Pora <januszpora@onet.eu>

## \* Updated: SQLite3Facade library source code (see in folder \Source\SQLite3Facade).

## Contribution of Richard Visscher <richard@irvis.com>

## (see demo2.prg in folder \samples\Advanced\SQLITE\_3)

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.7.17 (from 3.7.16.2).

## Due to the large number of fixes, all users are encouraged to upgrade

## when possible.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 3.2.0dev (r2013-06-06 14:03).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Incremental Search in Grid' sample.

## Based upon a contribution of S.Rathinagiri <srgiri@dataone.in>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\IncrementalSearch\_2)

## \* New: 'DOS-like menu with using of TsBrowse' sample.

## Contributed by Krzysztof Stankiewicz <ks@nsm.pl>

## (see in folder \samples\Advanced\Tsb\_menu)

## \* Updated: 'Watch' sample: modified start position of window.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Watch)

## \* Updated: 'Strongly Typed Variables' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\StronglyTypedVars)

## \* Updated: 'TGif class' sample for compatibility with a last image processing changes.

## Warning: It needs the standard non-optimized animated GIFs for proper work.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\tgif)

## \* Updated: 'Managing reservations rooms' sample.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Applications\Reservation)

## HMG 2.2 Extended Edition

## 2013/05/14: Build 22

## \* Fixed: Wrong detection of the Splitboxed Grid control in the internal function

## \_IsControlSplitBoxed() (introduced in the build 2.0.8).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo1.prg in folder \samples\Basic\CONTAINERS\Splitbox)

## \* Fixed: Draw Text command draws a spare white rectangle at using of Angle clause.

## Problem was reported by Andrey Sermyagin <super@freemail.hu>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Minor correction of ini file handling in the C-code.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\ini)

## \* Changed: The internal function IL\_ADDMASKEDINDIRECT() is moved to PropGrid library.

## The unneeded internal function IL\_ADDINDIRECT() is removed.

## Suggested by Pete Dionysopoulos <pete\_westg@yahoo.gr>

## \* Changed: The internal functions \_DragEnterImage(), \_MoveImage(), \_EndDragImage()

## and \_GetImageCount() are defined as pseudo-functions now.

## They are a wrappers for the corresponding C-functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: DO REPORT command supports now codeblock data for printing.

## Contributed by Julius Bartal <gybartal@gmail.com>

## \* Updated: Synchronized Extended HMG for compatibility with Official HMG 3.1.2:

## - New: function IsMainMenuDefined ( cFormName )

## - New: command RELEASE MAIN MENU OF FormName

## - New: command RELEASE CONTEXT MENU OF FormName

## - New: command RELEASE NOTIFY MENU OF FormName

## - New: command RELEASE DROPDOWN MENU BUTTON ButtonName OF FormName

## and command RELEASE DROPDOWNMENU OWNERBUTTON ButtonName OF FormName

## (see demo in folder \samples\Basic\MENU\_Dynamic)

## \* Updated: HBPrinter library v.2.37: minor label color correction in the preview.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see source in folder \source\HbPrinter)

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - New: Added ANGLE <nAngle> clause in the PRINT DATA command.

## Based upon a contribution of Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo in folder \samples\Basic\miniprint)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - New: Added processing of parameter aTotal and array aFormats in method Report().

## Contributed by Julius Bartal <gybartal@gmail.com>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.7.16.2 (from 3.7.16.1).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 3.2.0dev (r2013-04-30 13:43):

## \* Updated: PostGreSQL library source code (see in folder \Source\HbPgSql);

## \* Updated: most important differences between Harbour and xHarbour

## (see xhb-diff.txt in folder \harbour\doc)

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Mini MP3 player' sample is based upon MCI WinAPI.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\MiniPlayer)

## \* New: 'Tab with disabled page(s)' sample.

## Requested by Romer Ribeiro da Silva <romer.ribeiro[at]globomail.com>

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Tab\_3)

## \* New: 'Combined Search Grid' sample is based upon SQLite temporary database.

## Based upon a contribution of S.Rathinagiri <srgiri@dataone.in>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ComboSearchGrid)

## \* New: 'PC SHUTDOWN' sample is based upon WinAPI function InitiateSystemShutdown().

## Based upon a contribution of Carlos Britos <bcd12a@yahoo.com.ar>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\PC\_SHUTDOWN)

## \* New: 'TsBrowse Add New Record' sample.

## Requested by Ryszard Rylko <rrylko@cirow.pl>.

## Based upon a contribution of Mauricio Zoccoler <zocleme@gmail.com>

## (see in folder \samples\Advanced\Tsb\_addrecord)

## \* Updated: 'FreeImage Viewer' sample: mingw32 compatibility.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\FREEVIEW)

## \* Updated: 'Easy Media Player' sample: mingw32 compatibility.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\EasyPlayer)

## \* Updated: 'HPDF Bill Demo' sample: added vertical and horizontal rulers.

## Based upon a contribution of Andres Gonzalez Lopez.

## (see in folder \samples\Advanced\PDF\_PRINT\_2)

## \* Updated: 'DataBase Utility': misc bugfix.

## Problems were reported on brazilian forum MiniGUI.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\DBU)

## HMG 2.2 Extended Edition

## 2013/04/10: Build 21

## \* Enhanced: The StatusBar control supports now a PROGRESSITEM clause:

## - New: SET [STATUSBAR] PROGRESSITEM OF <form> POSITION TO [VALUE] <v> command.

## - New: SET [STATUSBAR] PROGRESSITEM OF <form> RANGE TO <low>, <high> command.

## Based upon a contribution of Janusz Pora <januszpora@onet.eu>

## (see demo in folder \samples\Basic\Progress\_Status)

## \* Enhanced: The Toolbar[Ex] control supports an optional 'Customize' clause.

## This allows the creation of the customizable toolbar.

## Based upon a contribution of Janusz Pora <januszpora@onet.eu>

## (see demo in folder \samples\Basic\ToolBarEx\_2)

## \* Enhanced: The GetBox control supports an optional 'NOMINUS' clause.

## Contributed by Simon Norbert <simon.n@t-online.hu>.

## \* Changed: The some PagerBox control internal functions are defined as

## pseudo-functions now.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: The internal functions \_DestroyImageList() and IL\_DESTROY() are

## defined as pseudo-functions now.

## They are a wrappers for the C-function ImageList\_Destroy().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: The function RC\_CURSOR() is defined as pseudo-function now.

## It is a wrapper for the C-function SetResCursor().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: The <trustInfo> section was added to application manifest for

## proper privileges request in Win Vista/Seven UAC.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see Windows7.Manifest in folder \Resources)

## \* Enhanced: Added a new option to batch\Compile.bat file:

## - /W switch generates Harbour compiler warnings.

## Contributed by Kevin Carmody <i@kevincarmody.com>

## \* Updated: HbSQLite3 library:

## - update for using SQLITE3 version 3.7.16.1 (from 3.7.15.2).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SQLITE\_2)

## \* Updated: WinReport library (see source in folder \Source\WinReport).

## This version is considered as Beta release.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo in folder \samples\Advanced\REPORT\_INTERPRETER)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: Blocking of activation of edition by character key via :bUserKeys.

## Usage: oBrw:bUserKeys := {|nKey,nFlags,oBrw| if(nKey>30.and.nKey<255,.F.,nKey)}

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## - New: Added array for correction of edit cell position.

## Usage: oBrw:aEditCellAdjust[3] := -2 // correction of cell width

## - New: Added variable lNoMinus in TSColumn class.

## Usage: oBrw:aColumns[4]:lNoMinus := .t.

## Contributed by Simon Norbert <simon.n@t-online.hu>.

## \* Updated: MPM utility:

## - Fixed: bug at compiling of C-source code only.

## Contributed by Kevin Carmody <i@kevincarmody.com>

## (see in folder \Utils\MPM)

## \* Updated: Harbour Compiler 3.2.0dev (r2013-03-29 19:31):

## \* Updated: HbODBC library source code (see in folder \Source\HbODBC).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.2.0 Project Manager and Two-Way Visual Form Designer.

## Contribution of Pete <pete\_westg@yahoo.gr>

## \* New: 'Bos Taurus: Open multiple image files with SCALE feature' sample.

## Based upon a contribution of Bicahi Esgici <esgici@gmail.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\BTExplore)

## \* Updated: 'Download Manager with MultiThreading' sample:

## - added error checking at downloading.

## Based upon a contribution of Artyom Verchenko <artyomskynet@gmail.com>

## (see in folder \samples\Advanced\Downloader)

## HMG 2.2 Extended Edition

## 2013/02/26: Build 20

## \* Fixed: Program crash at using of PRINT GRAPH command into the Modal window

## (introduced since the first implementation of this command).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: The 'On Release' codeblock (if it was defined) will be executed after

## Minigui's error message at application's crash.

## Problem was reported by Mitja Podgornik <yamamoto@rocketmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Minor issues in the 'Cut Ctrl+X' behaviour of the Getbox control.

## Contributed by Alfredo Franceschetti <franz@valgraveglia.net>

## (see demo in folder \samples\Basic\GetBox)

## \* Changed: The some 'Browse' control internal functions are defined as

## pseudo-functions now.

## They are a wrappers for a new function \_SetGetBrowseProperty().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: Controls Context menu supports multistaged submenu now.

## Based upon a contribution of Vladimir Chumachenko <ChVolodymyr@yandex.ru>

## (see demo in folder \samples\Basic\DropDown)

## \* Enhanced: Added the control of debugger screen dimensions:

## - New: a configuration file to control the screen resizing.

## This config file is init.mgd (MiniGui Debugger). It is similar to

## init.cld and supports one command: Screen Size <nRows><nCols>.

## dbginit resizes the screen only if it finds this command in this file.

## \SOURCE\dbginit.prg -- source of the init procedure

## \SOURCE\MakeObj.Bat -- compiles init procedure to \Lib\dbginit.obj

## \Lib\dbginit.obj -- compiled init procedure

## Contributed by Kevin Carmody <i@kevincarmody.com>

## \* Enhanced: Added the following options to batch\Compile.bat file:

## - /SC switch for additional parameters to the C compiler;

## - /LE switch for an additional library that is not Harbour or MiniGui;

## - generate a default init.mgd containing the command "Screen Size 50 80"

## for debug applications.

## Contributed by Kevin Carmody <i@kevincarmody.com>

## \* Updated: MPM utility was improved:

## - added F7 and F8 hotkeys to toggle Debug and Rebuild modes;

## - added a space on the Options tab for additional parameters to the

## C compiler;

## - improved the save test, the test of whether you need to save the

## current project;

## - converted the internal help from plain text to rich text.

## Contributed by Kevin Carmody <i@kevincarmody.com>

## (see in folder \Utils\MPM)

## \* Updated: Batch file hbmk2.bat for compatibility with a last hbmk2 utility changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see hbmk2.bat in folder \Batch)

## \* Updated: WinReport library (see source in folder \Source\WinReport):

## - New: Added support for the creation of reports in PDF.

## This version is considered as Beta release.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo in folder \samples\Advanced\REPORT\_INTERPRETER)

## \* Updated: 'Bos Taurus' Graphics Library (see source in folder \Source\BosTaurus).

## Contributed by Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Advanced\BosTaurus)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: Added missed refresh in the GoTop() method.

## - Fixed: Minor warnings at the definition of class methods.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2013-02-24 13:37).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Example of using Method AddPage, AddControl and BackColor in TAB' sample.

## Based upon a contribution of Daniel Maximiliano.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Tab\_2)

## \* New: 'Grid ToolBar Demo' sample is based upon the Haru Free PDF library.

## Based upon a contribution of S.Rathinagiri <srgiri@dataone.in>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\GridToolBar)

## \* New: 'Windows Script Host usage for creating the desktop shortcuts' sample.

## Based upon a contribution of HMGFORUM user.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\WSH\_Service)

## \* Updated: 'Dynamic ComboBox' sample:

## - Added: Load / Save single dimension array.

## Based upon a contribution of Bicahi Esgici <esgici@gmail.com>

## (see in folder \samples\Basic\DynamicCombo)

## HMG 2.1 Extended Edition

## 2013/01/22: Build 19

## \* Fixed: Memory leak at using of DEFINE BKGBRUSH command for Child windows

## (introduced since the first implementation of this command).

## Reported by Antal Kovac <modem707@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Program crash in the Harbour-based build at using of the 3-State

## CheckBox control (introduced in the build 2.1.7).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\CheckBox\_ThreeState)

## \* Changed: The function GetExeFileName() is defined as pseudo-function now.

## It is a wrapper for the Harbour function hb\_ProgName().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: The 'Width' and 'Height' properties of Main and child windows are

## optional now similar to 'Row' and 'Col' properties.

## Sample code:

## #include "minigui.ch"

## Function Main

## DEFINE WINDOW Win\_1 TITLE 'Hello World!' WINDOWTYPE MAIN

## END WINDOW

## DEFINE WINDOW Win\_2 TITLE 'Child Window' WINDOWTYPE CHILD

## END WINDOW

## Win\_2.Center

## ACTIVATE WINDOW Win\_2, Win\_1

## Return Nil

## Requested by Simon Norbert <simon.n@t-online.hu>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HbSQLite3 library support:

## - update for using SQLITE3 version 3.7.15.2 (from 3.7.11);

## - changed for using of two Harbour contrib libraries hbsqlit3 and sqlite3

## instead of a local implementation.

## Warning: You should update your scripts for compatibility with this change.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Updated class code for compatibility with recent Harbour changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2013-01-21 16:36):

## \* Updated: MySql library source code (see in folder \Source\HbMySql):

## - added a new fifth parameter for collation using like:

## TMySQLServer():New( cHostName, cUser, cPassWord, nPort, cCollation /\*"UTF8"\*/)

## If cCollation is NOT set explicitly, left as NIL, none hb\_translate()

## will be done.

## - fixed method TableStruct;

## - produces correct lenghts - see remark at type "C";

## - introduces conversion "L" to BIT[1].

## Contributed by Rolf <elchs@unitybox.de>

## \* Updated: most important differences between Harbour and xHarbour

## (see xhb-diff.txt in folder \harbour\doc)

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.1.0.4 Project Manager and Two-Way Visual Form Designer.

## Contribution by Grigory Filatov <gfilatov@inbox.ru>

## \* New: 'Folders syncronize - Backup Incremental' utility.

## Based upon a contribution of Brunello Pulix at HMGFORUM.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\HMG\_MYSYNC)

## \* New: 'Only One Instance of Application' sample.

## Contributed by Simon Norbert <simon.n@t-online.hu>

## (see demo3.prg in folder \samples\Advanced\IsExeRunning)

## \* Updated: 'Calendar' sample by Javier Giralda <giraldfj@yahoo.es>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Calendar)

## \* Updated: 'Extract icon for button from file' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\ExtractIcon)

## \* Updated: 'Display Mode' sample:

## - Updated: increased array size in the function DisplayDevMode().

## Problem was reported by Fajlx <eposta@ptt.rs>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\DisplayMode)

## \* Updated: 'System Information' sample: updated skin's handling.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\SysInfo)

## \* Updated: 'Sticky Notes' sample:

## - Changed: command 'Do Events' was replaced with a function InkeyGui().

## Based upon a contribution of Russian user SergKis.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\StickyNotes)

## HMG 2.1 Extended Edition

## 2012/12/12: Build 18

## \* Fixed: Program crash at xHarbour-based build when you change the value in

## a Pictured GetBox by painting the old value with the mouse and then

## overwriting, replace with a new value (introduced in the build 2.1.7).

## Problem was reported by Jan Costiander <jan.costiander@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: Added command DEFINE WINDOW TEMPLATE ... MDICHILD.

## Requested by Fernando Maciel <macielfernando@yahoo.com.ar>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\mdi\_4)

## \* Changed: The client area of form is refreshed automatically if a codeblock

## of 'On Paint' event is defined for this window.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: Positioning of a caretpos to first char in the Getbox when user

## mouse click in the middle of this control.

## Contributed by Alfredo Franceschetti <franz@valgraveglia.net>

## (see demo in folder \samples\Basic\GetBox)

## \* Enhanced: Added 'VCENTERALIGN' clause (optional) for vertical aligning of

## text in the LABEL control.

## Based upon a contribution of Russian user SergKis

## (see demo in folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Updated: PRG-code was formatted by Harbour contrib hbformat utility with

## the following exceptions:

## - h\_windows.prg provoked hbformat crash;

## - h\_edit.prg and h\_edit\_ex.prg were leaved with original formatting.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: C-code changes for compatibility with older xHarbour versions.

## Warning: It will required a presence of the proper header file

## hbverbld.h in the xHarbour's \include folder.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: C-code of FOLDER control was modified for the correct positioning

## of the buttons, depending on the version of Windows.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo in folder \samples\Basic\Folder)

## \* Updated: HBPrinter library v.2.36: updated 'Print Options' dialog's look.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see source in folder \source\HbPrinter)

## \* Updated: MiniPrint library: updated C-code casting.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see source in folder \Source\MiniPrint)

## \* Updated: PropGrid library v.2.0 (see source in folder \source\PropGrid):

## - Fixed: Item type LIST: did not work properly saving without leaving items.

## Contributed by Janusz Pora <januszpora@onet.eu>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2012-12-04 14:14):

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3);

## \* Updated: HbODBC library source code (see in folder \Source\HbODBC).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Bos Taurus' Graphics Library v.1.02 (see Doc folder for details).

## Contributed by Claudio Soto <srvet@adinet.com.uy>. Samples were

## adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\BosTaurus)

## \* Updated: 'CheckBox events' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Checkbox)

## \* Updated: 'HPDF Print' sample is based upon the Haru Free PDF library:

## - New: Added optional clause ANGLE to HPDFPRINT MULTILINE command.

## - Fixed: STRIKEOUT and UNDERLINE options also works in MULTILINE command.

## Contributed by Janusz Pora <januszpora@onet.eu>.

## (see in folder \samples\Advanced\PDF\_PRINT)

## \* Updated: 'WebCam Capture' sample (look at avicap.txt for description).

## Based upon a contribution of Marcelo Brigatti <mbrigatti@uol.com.br>.

## (see in folder \samples\Advanced\WebCam)

## \* Updated: 'Managing reservations rooms' sample.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Applications\Reservation)

## \* Updated: 'Code\_ReIndent' sample by Joe Fanucchi <fantasyspinner2002@yahoo.com>.

## Based upon a contribution of HMGFORUM's user

## (see \Utils\Code\_ReIndent\Indent.prg)

## HMG 2.1 Extended Edition

## 2012/10/30: Build 17

## \* Changed: Replacing the selection 'Do Case' with Switch-Case for improvement

## of the speed in the some internal functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: Minor correction for a row position of popup window at no-inplace

## editing in the Grid control.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\Grid)

## \* Updated: Code is updated for compatibility with older Harbour versions.

## Requested by Valtecom Jose Martins <valtecom@yahoo.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: The procedure \_DefineMenuItem() is updated for compatibility with

## last Harbour change of operator optimizations switch -ko.

## Contributed by Rossine <qiinfo@ig.com.br>

## \* Updated: Function IsThemed() is updated for compatibility with Win Vista/Seven.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HBPrinter library v.2.35 (see source in folder \source\HbPrinter):

## - Fixed: Language detection for compatibility with a recent Harbour

## language's support changes.

## Requested by Pierpaolo Martinello <pier.martinello[at]alice.it>

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - Fixed: Language detection for compatibility with a recent Harbour

## language's support changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: Added missed refresh in the Append mode.

## Problem was reported by Simon Norbert <simon.n@t-online.hu>

## - Fixed: Wrong behavior after pressing of <Esc> key at memo-field's

## editing. <Tab> key executes exit without saving now.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2012-10-25 00:08):

## \* Updated: most important differences between Harbour and xHarbour

## (see xhb-diff.txt in folder \harbour\doc);

## \* Updated: ADS RDD synced for Advantage Database Server 10.0;

## \* Updated: MySql library source code (see in folder \Source\HbMySql);

## \* Updated: HaruPDF library update to 2.3.0RC2 (from 2.0.8).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Build PDF from a text file' sample.

## Based upon a contribution of Bicahi Esgici <esgici@gmail.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\PDF\_PRINT\_1)

## \* Updated: 'HPDF Print' sample is based upon the Haru Free PDF library:

## - New: Added SET HPDFPAGE LINESPACING command;

## - New: Added SET HPDFPAGE DASH STYLE command;

## - New: Added optional clause ANGLE to HPDFPRINT command.

## - Modified: Processing BOLD, ITALIC, UNDERLINE and STRIKEOUT font

## attributes in HPDFPRINT command.

## Based upon a contribution of S.Rathinagiri <srgiri@dataone.in> and

## Janusz Pora <januszpora@onet.eu>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\PDF\_PRINT)

## \* Updated: 'Haru PDF' sample:

## - Added: Barcode and QrCode sample is based upon HbZebra library.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Advanced\HaruPDF)

## \* Updated: 'JPG Viewer' sample: added a simple background image.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\JpgViewer)

## \* Updated: Modest sample (database editor and documentor).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\Modest)

## HMG 2.1 Extended Edition

## 2012/10/10: Build 16

## \* Fixed: GDI leak at releasing of StatusItems with established icons.

## Problem was reported by Alen Uzelac <alen@bbm.hr>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: DRAW GRAPH (no pie types) correction of a right position of border

## when its declared as Draw Graph .. At <t>,<l> To <b>,<r>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\BaseGraph)

## \* Changed: Using the Harbour core function hb\_IsFunction() instead of local

## implementation in HYPERLINK control code.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: C-code changes for compatibility with older xHarbour versions.

## Warning: It will required a presence of the proper header file

## hbverbld.h in the xHarbour's \include folder.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: GDI leak in the method Destroy().

## Contributed by Alen Uzelac <alen@bbm.hr>

## - Fixed: Unused static functions in h\_tbrowse.prg were erased.

## - New: Added <SpaceBar> key to mark a row(s) in the selection mode

## of the read-only TBrowse.

## - Modified: Used the function hb\_ADel() instead of the expression

## ASize(ADel(<a>,<n>), Len(<a>)-1) in the all methods.

## Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2012-10-08 20:04):

## \* Updated: most important differences between Harbour and xHarbour

## (see xhb-diff.txt in folder \harbour\doc)

## \* Updated: Harbour contrib FreeImage library.

## \* Updated: comments to Harbour distribution offered by HMG EE

## (look at ReadMe.txt in folder \harbour)

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: 'HPDF Print' sample is based upon the Haru Free PDF library.

## Based upon a contribution of S.Rathinagiri <srgiri@dataone.in>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\PDF\_PRINT)

## \* New: 'HPDF Bill Demo' sample.

## Based upon a contribution by Bicahi Esgici <esgici@gmail.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\PDF\_PRINT\_2)

## \* Updated: 'MessageBoxEx' sample:

## - added a translation of MessageBox buttons caption at runtime.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\MsgBoxEx)

## \* Updated: 'FreeImage Viewer' sample:

## - revised usage of the function InvalidateRect().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\FREEVIEW)

## \* Updated: 'Windows Version' sample:

## - Added: Windows 8 is detected now.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\WinVersion)

## \* Updated: 'Focus It' sample: enable of X-Mouse style windows activation.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\FOCUS\_IT)

## \* Updated: 'Transparent Icons' and 'SuperChef Pizzaria System' samples:

## - Added batch files compile.bat.

## Contributed by Christian T. Kurowski <xharbour@wp.pl>

## HMG 2.1 Extended Edition

## 2012/09/12: Build 15

## \* Fixed: Typo in the source c\_getbox.c (introduced in the build 2.0.6).

## Based upon a contribution of Brazil HMG user.

## \* New: The MAIN window have an optional NotifyBalloonClick event at using of

## the command SET TOOLTIPSTYLE BALLOON.

## Based upon a contribution of Rossine <qiinfo@ig.com.br>

## (see demo in folder \samples\Advanced\TrayBalloon\_2)

## \* Changed: The codeblock of 'On Paint' event be executed directly on the client

## area before painting of the controls. It allows to set a background

## image in a window via the ON PAINT event.

## The old behaviour is available also via using of the command

## SET PROGRAMMATICCHANGE OFF for backward compatibility with old code.

## Contributed by Claudio Soto <srvet@adinet.com.uy>

## \* Enhanced: The function WindowsVersion() detects Windows 8 and 2012 server.

## Borrowed from xHarbour distribution.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - Updated: Function \_HMG\_PRINTER\_SHOWPAGE for compatibility with

## 'On Paint' event change.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2012-09-09 14:02).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Dynamic Grid' sample: modification of a GRID control at runtime.

## Based upon a contribution by Claudio Soto <srvet@adinet.com.uy>

## (see in folder \samples\Advanced\DynamicGrid)

## \* New: 'Trick for putting of icons to a form' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Advanced\TransparentIcons)

## \* Updated: 'Gradient Background' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\FillBlue)

## \* Updated: 'Fill Triangle' sample for compatibility with 'On Paint' event change.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\FillTriangle)

## HMG 2.1 Extended Edition

## 2012/08/07: Build 14

## \* Fixed: GDI leaks problem at using of a Modal windows.

## It exists in the official version too.

## Based upon a contribution of Rossine <qiinfo@ig.com.br>

## \* Fixed: The C-function strtrim() causes the program crash with MinGW compiler.

## Problem was reported by Rossine <qiinfo@ig.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Added missed refresh at resizing of Label and Button controls.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\AUTOADJUST)

## \* Changed: Language detection in the core function InitMessages()

## for compatibility with a recent Harbour language's changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Recent changes of Tab's 'On Cnange' event are guarded by the command

## SET PROGRAMMATICCHANGE OFF for backward compatibility with old code.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HBPrinter library v.2.35 (see source in folder \source\HbPrinter):

## - Fixed: C-function rr\_DeviceCapabilities() generates GPF when

## a printer is selected under Win7.

## Based upon a code borrowed from OOHG.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: Added missed refresh after hit bottom in the method GoNext().

## - Fixed: Wrong position of inplace edit window at using of editable

## TBrowse control in the 'Add Tab Control' function.

## Problem was reported by Marcelo Torres <lichitorres@yahoo.com.ar>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2012-07-31 15:10).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'MOUSEDRAG event' sample.

## Contributed by Andrey Sermyagin <super@freemail.hu>

## (see in folder \samples\Basic\ON\_MOUSEDRAG)

## \* New: 'MsSql Database Driver' sample. Contributed by Alen Uzelac <alen@bbm.hr>

## (see in folder \samples\Advanced\MSSQL)

## \* New: 'SuperChef Pizzaria System' sample.

## Contributed by Marcelo Neves <msdn\_001@yahoo.com.br>

## (see in folder \samples\Applications\Super)

## HMG 2.1 Extended Edition

## 2012/07/10: Build 13

## \* New: Added header files hmg.ch and i\_hmgcompat.ch for compatibility with .FMG

## files which were created via the official Ide of Roberto Lopez.

## It is now possible to compile a basic examples for the official Ide

## without any modifications.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: The codeblock of tab's 'On Cnange' event accepts a current page number

## as parameter. It allows to create an unified validation of input values

## on tab page at this event.

## Syntax:

## define tab ... on change { |nPage| ValidFunc( nPage ) },

## where ValidFunc(nPage) will return a logical value after the validation

## of input values on a current tab page nPage.

## Based upon a contribution of Rossine <qiinfo@ig.com.br>

## (see demo2.prg in folder \samples\Basic\GetBoxValid)

## \* Updated: Batch file hbmk2.bat for compatibility with a last hbmk2 utility changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see hbmk2.bat in folder \Batch)

## \* Updated: HBPrinter library v.2.34 (see source in folder \source\HbPrinter):

## - Fixed: Correction in the C-function rr\_GetDefaultPrinter()

## for compatibility with Win Vista/Seven.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: PropGrid library v.2.0 (see source in folder \source\PropGrid):

## - New: Function GetChangendItem(cForm,CPgName)

## Syntax:

## GET CHANGED PROPERTYITEM <name> [ OF | PARENT><parent> ] TO <aIdItem>

## - New: Function SaveMemVarible(cForm,CPgName)

## Syntax:

## SAVE MEMVALUE PROPERTY <name> [ OF | PARENT><parent> ]

## - New: PropertyGrid Language translation support.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo3.prg in folder \samples\Advanced\PropGrid)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: Added missed refresh after cursor moving in the method PostEdit().

## - Fixed: Wrong BtnTextBox window handle after last changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2012-07-04 15:14):

## \* Updated: most important differences between Harbour and xHarbour

## (see xhb-diff.txt in folder \harbour\doc);

## \* Updated: HbZipArc library source code (see in folder \Source\HbZipArc).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Playing by Drawing' sample. Contributed by Bicahi Esgici <esgici@gmail.com>

## (see in folder \samples\Basic\DRAW)

## \* New: 'Zoom' sample: screen zoomer and color picker.

## Contributed by Rossine <qiinfo@ig.com.br>

## (see in folder \samples\Advanced\ZOOM)

## \* Updated: 'Get Directory Recurse' sample:

## - Modified: Harbour implementation is based on xHb contrib library instead

## of a local code.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\DirectoryRecurse)

## \* Updated: 'Menu for running of the external console programs' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Advanced\RunTasks)

## \* Updated: 'Managing reservations rooms' sample.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Applications\Reservation)

## HMG 2.1 Extended Edition

## 2012/06/12: Build 12

## \* Fixed: The Navigation Extended does not work in a Modal windows at MDI environment

## (introduced in the build 2.1.1).

## Bug was reported by Anibal Villalobos Guillen <anibalgvillalobosg@yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Typo in the internal C-function TextDraw() which was a reason of the memory

## leak in the DRAW TEXT command.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: Menu Item supports an optional BREAKMENU [ SEPARATOR ] clause now.

## Menu Item with BreakMenu clause begin a new column.

## Based upon a contribution of Vladimir Chumachenko <ChVolodymyr@yandex.ru> and

## Rossine <qiinfo@ig.com.br>

## (see demo in folder \samples\Advanced\BreakMenu)

## \* Enhanced: The POPUP menu supports an optional FONT clause now.

## Contributed by Rossine <qiinfo@ig.com.br>.

## \* Changed: modified source code for internal functions \_GetSection().

## Contributed by Rossine <qiinfo@ig.com.br>.

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - Fixed: Client Height is miscalculated in \_HMG\_PRINTER\_SHOWPAGE function.

## Based upon a code borrowed from OOHG.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: TBrowse blocks 'On LostFocus' event of other controls after inplace

## editing. Bug was reported by Paolo Russignan <paolorus@yahoo.it>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## - Fixed: Problem with TBrowse footer's assigning if the Selector is enabled.

## Problem was reported by Simon Norbert <simon.n@t-online.hu>.

## Contributed by Janusz Pora <januszpora@onet.eu>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2012-06-10 17:19):

## \* Updated: HbZipArc library source code (see in folder \Source\HbZipArc):

## - fixed for unicode support.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Partial seek in TsBrowse' sample: just write 'Jo Sm' to find 'John Smith'.

## Contributed by Krzysztof Stankiewicz <ks@nsm.pl>

## (see in folder \samples\Advanced\Tsb\_seek)

## \* New: 'Managing reservations rooms' sample.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Applications\Reservation)

## \* Updated: 'Browse in MDI Childs' sample: added browse refreshing at 'On Click' event.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\basic\mdi\_2)

## \* Updated: 'BackUp Utility' sample:

## - adding recursive backUp of folder and some kind of maintenance for archives.

## Contributed by Evangelos Tsakalidis <tsakal@otenet.gr>

## (see in folder \samples\Basic\BackUp)

## \* Updated: 'System services' sample: speed improvement with using of class stringBuffer.

## Contributed by Evangelos Tsakalidis <tsakal@otenet.gr>

## (see in folder \samples\Advanced\WMI\_Service\_2)

## HMG 2.1 Extended Edition

## 2012/05/16: Build 11

## \* Fixed: Hotkeys management in the MDI Child windows:

## - Fixed: Inplace editing error in Browse control;

## - Added: Moving between controls via Tab and Shift-Tab hotkeys.

## Based upon a contribution of Russian user SergKis

## (see demo in folder \samples\Basic\MDI\_3)

## \* Fixed: 'FocusedControl' property of form don't work in the MDI Child windows.

## Based upon a contribution of Russian user SergKis

## \* Changed: The internal C-function loadolepicture() was splitted on four parts

## for simplification and possible memory leaks correction.

## Contributed by Petr Chornyj <myorg63@mail.ru>.

## \* Changed: The internal font management functions were rewritten for simplification

## and optimization. The function SetFontNameSize() is obsolete now and

## defined for compatibility with old code only.

## Contributed by Petr Chornyj <myorg63@mail.ru>.

## \* Enhanced: Added autodetecting and setting of the user codepage at program's startup

## for compatibility with a last Harbour unicode changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: The DRAW GRAPH command respects the font attributes which are defined

## via SET FONT TO command for all form's controls.

## Requested by Simon Norbert <simon.n@t-online.hu>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Updated: HBPrinter library v.2.32 (see source in folder \source\HbPrinter):

## - Fixed: Correction in the C-function rr\_GetDefaultPrinter()

## for compatibility with MinGW32.

## - Fixed: Possible memory leak in the C-function rr\_GetPrinters().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.2.0dev (SVN 2012-05-12 00:55):

## \* Modified: UNICODE build mode is only one build mode on Windows.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Add a new item in inplaced combobox of GRID control' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo3.prg in folder \samples\Basic\Grid\_Test)

## \* New: 'DYNAMIC type usage at INPLACE EDIT in GRID control' sample.

## Contributed by Adam Lubszczyk <adam\_l@poczta.onet.pl>

## (see demo2.prg in folder \samples\Basic\Grid\_Usertype)

## \* Updated: 'Simple Editor' sample: added setting font's attributes at startup.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\EDITOR)

## HMG 2.1 Extended Edition

## 2012/04/25: Build 10

## \* Fixed: Wrong resizing of the GetBox control without built-in buttons into Tab container.

## Problem was reported by Sergey Danilevich <danilevich57@mail.ru>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Changed correction of Browse's Up/Down keys management in the MDI Child windows.

## Based upon a contribution of Russian user SergKis

## (see demo in folder \samples\Basic\MDI\_2)

## \* Changed: The Spinner control shows a min/max value on 'LostFocus' event

## if user introduced the 'out of range' value from keyboard.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\SPINNER)

## \* Changed: The internal functions \_SetControlCol(), \_SetControlRow(), \_SetControlHeight()

## and \_SetControlWidth() are defined as pseudo-functions now.

## They are a wrappers for the internal function \_SetControlSizePos().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: The internal functions \_GetNotifyIconName() and \_GetNotifyIconTooltip() are defined

## as pseudo-functions again.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: Replacing the cycle For-Next with For Each-Next for improvement of the speed

## in the internal function \_SetActivationFocus().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: Added a seven optional color's constants to the header include\i\_color.ch.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: minor correction in the method ExpSeek (introduced in the build 2.0.7).

## Contributed by Oleg Krutoff <krutoff@mail.ru>

## \* Updated: Harbour Compiler 3.1.0dev (SVN 2012-04-20 08:14):

## \* Modified: Windows WINANSI build mode forcibly turned on.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Disable/Enable a selected Tab Page with Cargo property usage' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\Cargo)

## \* New: 'Harbour Script Usage' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\RunScript)

## \* New: 'Menu for running of the external console programs' sample.

## Contributed by Verchenko Andrey <verchenkoag@gmail.com>

## (see in folder \samples\Advanced\RunTasks)

## \* Updated: 'File Manager v.0.51' sample:

## - Fixed: setting of date/time attributes for file;

## - New: Added BACKSPACE key action.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\FileMan)

## \* Updated: 'Monitor Tester' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\MonitorTester)

## HMG 2.0 Extended Edition

## 2012/04/04: Build 9

## \* Fixed: Middle mouse button scrolling in the Slider control do not execute 'On Change' procedure.

## It exists in the official version too.

## Problem was reported by Simon Norbert <simon.n@t-online.hu>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Slider)

## \* Fixed: MdiChild windows were not respect NOCAPTION, NOMINIMIZE and NOMAXIMIZE clauses.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Wrong cursor moving by Up/Down keys in the Browse control at MDI childs.

## Contributed by Russian user SergKis

## (see demo in folder \samples\Basic\MDI\_2)

## \* Enhanced: The ON SCROLL event of Slider control supports PgUp/PgDown keys now.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Slider)

## \* Enhanced: Added a user type of control to INPLACE EDIT in GRID control.

## DYNAMIC type is defined as { cControlType , bCodeBlock }

## where cControlType = 'DYNAMIC' (Required)

## bCodeBlock = CodeBlock that return array with normal type control (Required)

## to CodeBlock is passed two params - row and column indexes.

## Contributed by Adam Lubszczyk <adam\_l@poczta.onet.pl>

## (see demo in folder \samples\Basic\Grid\_Usertype)

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - update for using SQLITE3 version 3.7.11.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.1.0dev (SVN 2012-03-30 19:38):

## \* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD);

## \* Updated: HbZipArc library source code (see in folder \Source\HbZipArc):

## - hb\_UnzipFile(): added support of extracting files with stored paths

## (see demo2.prg in folder \samples\Basic\Zip)

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'CheckBoxes state backcolor painting in Grid control' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\CheckBox\_Grid)

## \* New: 'Simple app for creating backup of source files' sample.

## Based upon a contribution of Marek Olszewski <mol@pro.onet.pl>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\SOURCE\_ARCHIVER)

## \* Updated: 'MiniZip usage' sample:

## - added support of extracting files with stored paths.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Zip\_3)

## \* Updated: EZTwain sample:

## - revised usage of functions BeginPaint() and EndPaint().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\EZTWAIN)

## \* Updated: 'Joint usage of FreeImage and SQLite3' sample:

## - revised usage of functions BeginPaint() and EndPaint().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\FreeImage)

## \* Updated: 'FreeImage Viewer' sample:

## - revised usage of functions BeginPaint() and EndPaint().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\FREEVIEW)

## \* Updated: 'TsBrowse ColorPick' sample: added refresh workaround.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\Tsb\_colors)

## HMG 2.0 Extended Edition

## 2012/03/14: Build 8

## \* Fixed: Error appears with using 'On DblClick' clause in the Splitboxed Grid control.

## It exists in the official version too.

## Problem was reported by Jayadev <jayadev65@yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Vertical scrolling was available in Browse control after using of the function

## \_ExtDisableControl( ControlName, ParentForm ).

## Problem was reported by Miras Cirovic <mirascirovic@yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\advanced\ChangeStyle)

## \* New: CHECKLABEL control - extended LABEL control with inserted bitmap image.

## You can set/get 'Checked' property at runtime:

## - function syntax:

## SetProperty ( Form, ChkLabel, 'Checked', lLogical )

## GetProperty ( Form, ChkLabel, 'Checked' )

## - pseudo-OOP syntax:

## Form.ChkLabel.Checked := lLogical

## Form.ChkLabel.Checked --> logical value

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo in folder \samples\Basic\CheckLabel)

## \* Changed: Remove unneeded double font's assigning in the ListBox and Tree controls.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: Added WIN32\_LEAN\_AND\_MEAN constant at compiling of minigui C-code.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HBPrinter library v.2.30 (see source in folder \source\HbPrinter):

## - Fixed: Minor correction in the C-function rr\_SetDevMode().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: Reverted a last row refreshing changes (introduced in the build 2.0.7).

## Problem was reported by Simon Norbert <simon.n@t-online.hu>.

## - Fixed: Minor correction in the Method DeleteRow() by calling a block :bDelete.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.1.0dev (SVN 2012-03-11 21:53).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Save/Restore window position in the reqistry' sample.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see in folder \samples\Basic\SavePos)

## \* New: 'TsBrowse last row sticking workaround' sample.

## Based upon a contribution of Krzysztof Stankiewicz <ks@nsm.pl> and

## Christian T. Kurowski <xharbour@wp.pl>

## (see in folder \samples\Advanced\Tsb\_lastrow)

## \* Updated: 'WMI Services usage' sample:

## - Added: User account properties info.

## Contributed by Mitja Podgornik <yamamoto@rocketmail.com>

## (see demo.prg in folder \samples\Advanced\WMI\_Service)

## \* Updated: 'JPG Viewer' sample:

## - Changed: using of function hb\_GetImageSize() for determine JPG size.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\JpgViewer)

## \* Updated: 'Tray Player' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\TRAY\_PLAYER)

## HMG 2.0 Extended Edition

## 2012/02/14: Build 7

## \* Fixed: Correction in the function \_GetFocusedControl() for BtnTextBox and GetBox controls.

## Problem was reported by Sasha Savov <savovs/at/gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Missing moving the BtnTextBox and GetBox controls into Tab container (introduced

## in the build 2.0.6).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Wrong position of the captions in the Tab control with the simultaneous use of

## 'Bottom' and 'BackColor' clauses (ownerdraw style).

## Problem was reported by spanish user <hherrera@degesa.net>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\TAB)

## \* Enhanced: The Image control may determine an image file size when 'Height' and 'Width'

## properties were not defined at the determination.

## Requested by Simon Norbert <simon.n@t-online.hu>.

## Based on the function hb\_GetImageSize() contributed by Andi Jahja <harbour@cbn.net.id>

## (see demo in folder \samples\Basic\IMAGE\_2)

## \* Updated: Slovak language translation in h\_init.prg.

## Contributed by Gyula Bartal <bartal@tauris-danubius.sk>

## \* Updated: HBPrinter library v.2.28 (see source in folder \source\HbPrinter):

## - Updated: Czech and Slovak language translations.

## Contributed by Gyula Bartal <gybartal@gmail.com>

## \* Updated: PropGrid library v.2.0 (see source in folder \source\PropGrid):

## - Changed: Property item type 'numeric'/'integer' accepts only numeric characters;

## - Changed: Property item type 'double' has an optional InputMask in simple form '999 999.99';

## - Changed: Improving the operation of the command ENABLE / DISABLE item through Id.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo3.prg in folder \samples\Advanced\PropGrid)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: last row sticking at cursor moving through database at some cases.

## Based upon a contribution of Krzysztof Stankiewicz <ks@nsm.pl> and

## Christian T. Kurowski <xharbour@wp.pl>

## - New: Added class var for assignment of the background of the SELECTOR Header.

## Usage: oBrw:nClrSelectorHdBack := GetSysColor( COLOR\_BTNFACE )

## Contributed by Simon Norbert <simon.n@t-online.hu>.

## - Updated: Czech, Slovak and Hungarian language translations;

## - Updated: Added warning in the method ExpSeek when Alias() != ::cAlias.

## Contributed by Gyula Bartal <gybartal@gmail.com>

## \* Updated: Harbour Compiler 3.1.0dev (SVN 2012-02-09 13:49):

## \* Updated: AdoRDD library source code (see in folder \Source\AdoRDD).

## (see demo in folder \samples\Basic\Adordd)

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'WAIT WINDOW in FoxPro' sample.

## Based upon a code contributed by Antypenko Alexander <santy@lviv.ukrprombank.ua>

## (see in folder \samples\Basic\WAIT\_WINDOW\_FOX)

## \* New: 'WebCam Preview' sample:

## - WEBCAM control was defined as user component via simple command

## @ <row>,<col> WEBCAM <Camera> [ OF <parent> ] ;

## [ WIDTH <nWidth> ] [ HEIGHT <nHeight> ] [ RATE <nRate> ] [ START ]

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\WebCam\_2)

## \* Updated: MsgEdit sample:

## - Changed: function hb\_GetImageSize() was moved to minigui core.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\MsgEdit)

## \* Updated: 'UPX shell' sample: minor changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\UPXshell)

## HMG 2.0 Extended Edition

## 2012/01/24: Build 6

## \* Changed: The BTNTEXTBOX control code was rewritten for improvement:

## - Modified: a real Buttons supports themed look now;

## - Modified: separated Tooltips for the edit box and buttons;

## - Modified: added changing of buttons picture at runtime:

## Form.BtnTextBox.Picture := "demo.bmp" // 1 button

## Form.BtnTextBox.Picture := {"demo.bmp","demo2.bmp"} // 2 buttons

## - New: Additional clause DEFAULT activating the ENTER key for button 1 action.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demos in folders \samples\Basic\BtnTextBox and

## \samples\Basic\BtnTextBox\_2)

## \* Enhanced: The GetBox control supports a built-in buttons with separated tooltips.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo in folder \samples\Basic\GetBox)

## \* Updated: HBPrinter library v.2.28 (see source in folder \source\HbPrinter):

## - Fixed: C-code cleaning for warnings with MinGW32.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: PropGrid library v.2.0 (see source in folder \source\PropGrid):

## - New: Added Property Item type PASSWORD.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo2.prg and demo3.prg in folder \samples\Advanced\PropGrid)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: Correction for display of the background in the Header for option SELECTOR.

## Problem was reported by Simon Norbert <simon.n@t-online.hu>.

## - Fixed: Problem with append a record if the Selector is enabled.

## Problem was reported by Jayadev <jayadev65@yahoo.com>.

## - New: Added SQLite support via harbour HbSqlDD contrib library.

## (see demo in folder \samples\Advanced\Tsb\_sqlite)

## Contributed by Janusz Pora <januszpora@onet.eu>

## \* Updated: Harbour Compiler 3.1.0dev (SVN 2012-01-18 12:02).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.1.0.3 Project Manager and Two-Way Visual Form Designer:

## - Fixed: typo in the function LoadProp() (introduced in version 1.1);

## - Fixed: typo in the function NewModule() (introduced in version 1.1).

## Contribution by Grigory Filatov <gfilatov@inbox.ru>

## \* New: HbSQLite3 library for xHarbour compiler (see in folder \Source\xHbSQLite3).

## Contribution by Richard Visscher <richard@irvis.com>

## (see in folder MiniGUI\xLib in xharbour build)

## \* New: 'WebCam Capture' sample (look at avicap.txt for description).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\WebCam)

## \* Updated: 'Cargo usage' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Cargo)

## \* Updated: 'Mail With Blat' sample:

## - Updated: blat dll to 2.7.6 version.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\BlatMail)

## \* Updated: 'HMG IDE Demo' sample:

## - added the all properties and events for controls to inspector's window;

## - added the possibilities of moving/resizing of controls to context menu

## at right mouse click.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\hmgide)

## HMG 2.0 Extended Edition

## 2011/12/14: Build 5

## \* Enhanced: The InputMask and Date TextBox controls supports an optional NOBORDER clause.

## Requested by Ismael Peres <ismael\_peres@yahoo.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: InputBox() function supports now an optional 6th parameter lCanceled,

## passed by reference.

## Syntax:

## cReturn := InputBox( cInputPrompt [, cWindowTitle] [, cDefaultValue] [, nTimeout] ;

## [, lMultiLine ][, @lCanceled] )

## Contributed by Pete D. <pete\_westg@yahoo.gr>

## (see demo in folder \samples\Basic\InputBox)

## \* Enhanced: Modified TextBox InputMask processing code for compatibility with Harbour Get system:

## - Changed: '!' mask displays Alphabetic Characters (UpperCase) and Digits.

## Requested by Tomasz Witkowski <wtmsz@friko6.onet.pl>

## - Added: 'N' mask displays Alphabetic Characters and Digits.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see character2.prg in folder \samples\Basic\INPUTMASK)

## \* Changed: Added error checking at JPEG/GIF loading in the C-function loadolepicture().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: WinReport library (see source in folder \Source\WinReport).

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo in folder \samples\Advanced\REPORT\_INTERPRETER and

## updated help file WinReport.chm in folder \Doc)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: correction of display of the background in the Header for option SELECTOR.

## - Changed: improved numbering in the option SELECTOR and ENUMERATOR.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo at Menu "TSBrowse 9.0->Excel Test" in folder \samples\Advanced\TSBrowse)

## \* Updated: Harbour Compiler 3.1.0dev (SVN 2011-12-13 10:37).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Menu list with images' sample.

## Based upon a contribution of Sergio Castellari <sergio1972ar@yahoo.com.ar>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\MenuList)

## \* Updated: 'Move Window' sample: added hand and grab cursors.

## Contributed by Pablo Cesar Arrascaeta <pcarrascaeta/at/gmail.com>

## (see in folder \samples\Basic\MoveWindow)

## \* Updated: 'Minimize/Maximize External Application' sample.

## Based upon a contribution of Pablo Cesar Arrascaeta <pcarrascaeta/at/gmail.com>.

## (see demo.prg in folder \samples\Advanced\ExternalApp)

## \* Updated: 'Control Panel' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\CONTROL\_PANEL)

## \* Updated: 'SQLite3 GUI' sample: added print feature.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Advanced\SQLITE\_2)

## \* Updated: 'XMas Lights' sample: minor speed improvements.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\XMasLights)

## HMG 2.0 Extended Edition

## 2011/11/23: Build 4

## \* Enhanced: COMPRESS and UNCOMPRESS commands supports an optional

## FILEPROGRESS <block> clause.

## Syntax:

## - COMPRESS "MyBase.dbf" TO "Backup.zip" ;

## BLOCK {|cFile, nPos| ProgressUpdate(cFile, nPos)} ;

## FILEPROGRESS {|nPos, nTotal| ProgressFile(nPos, nTotal)}

## - UNCOMPRESS "Backup.zip" EXTRACTPATH ".\" ;

## BLOCK {|cFile, nPos| ProgressUpdate(cFile, nPos)} ;

## FILEPROGRESS {|nPos, nTotal| ProgressFile(nPos, nTotal)}

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\Zip)

## \* Changed: Image scale in the PRINT GRAPH command is a similar at WinXP now

## as in the other OS. Modified an image aspect ratio for HbPrinter library.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\GraphPrint)

## \* Updated: HBPrinter library v.2.27 (see source in folder \source\HbPrinter):

## - Fixed: revised unlock global vars in the printer dialog C-code.

## - Fixed: revised using of font 'Arial Narrow' in the preview toolbar.

## Problem was reported by Gyula Bartal <gybartal@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: SQLite3Facade library source code (see in folder \Source\SQLite3Facade).

## This library provides a convenient interface that make easy the most

## common operations. Contributed by Daniel Goncalves <daniel-at-base4-com-br>

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\SQLITE\_3)

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - update for using SQLITE3 version 3.7.9.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: WinReport library (see source in folder \Source\WinReport).

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo in folder \samples\Advanced\REPORT\_INTERPRETER)

## \* Updated: PropGrid library v.2.0 (see source in folder \source\PropGrid):

## - New: Added optional buttons OK, APPLY, CANCEL and HELP:

## Syntax:

## OKBTN [ USEROKPROC <userokproc> ] [ APPLYBTN ]

## CANCELBTN [ USERCANCELPROC <usercancelproc> ]

## HELPBTN <helpproc>

## - Changed: Changing the structure of control, elements of PropertyGrid are now common parent.

## - Changed: Some internal functions received a new names, and improvements were introduced.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo3.prg in folder \samples\Advanced\PropGrid)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: wrong cursor position at Win7 (in the example Tsbrowse 9.0-> Excel Test).

## Contributed by Janusz Pora <januszpora@onet.eu>

## \* Updated: Harbour Compiler 3.1.0dev (SVN 2011-11-15 23:28).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Cuckoo Clock' sample.

## Based upon a contribution by Bicahi Esgici <esgici@gmail.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\CuckooClock)

## \* Updated: 'AVI Animation' sample:

## - ANIMATERES control was defined as user component;

## - used avi resource is stored as appls resource.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\AVI\_Animation)

## \* Updated: 'Get Fonts' sample: minor change.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\GetFonts)

## \* Updated: 'RicheditEx' samples: fixed text search at WinXP and later.

## Based upon a contribution of Fernando Yurisich <fernando.yurisich@gmail.com>

## (see in folders \samples\Advanced\RicheditEx and \samples\Advanced\RicheditEx\_2)

## \* Updated: 'SysInfoTray' sample: revised getting CPU usage function.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\SysInfoTray)

## \* Updated: 'TsBrowse Incremental search' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\Tsb\_filter)

## \* Updated: 'Free Memory' sample: revised getting CPU usage function.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\FREE\_MEMORY)

## \* Updated: 'Stock' (Builder of the Function List) sample:

## - export of shared (or uncalled only) procedures/functions to HTML;

## - more careful analysis of strings (skip comments: "//", "\*", "/\* \*/").

## Contributed by Alexey Gustow <gustow33[at]mail.ru>

## (see in folder \Utils\FuncList)

## HMG 2.0 Extended Edition

## 2011/10/31: Build 3

## \* Enhanced: The Button control with Icon picture supports a theme style at the

## changing button's icon picture in WinXP.

## Requested by Simon Norbert <simon.n@t-online.hu>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder\samples\basic\button\_2)

## \* Enhanced: COMPRESS and UNCOMPRESS commands supports an optional

## RESULT [TO] <lVar> clause.

## Syntax:

## - COMPRESS "MyBase.dbf" TO "Backup.zip" ;

## BLOCK {|cFile, nPos| ProgressUpdate(cFile, nPos)} RESULT lSuccess

## - UNCOMPRESS "Backup.zip" EXTRACTPATH ".\" RESULT TO lSuccess

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\Zip)

## \* Enhanced: PRINT GRAPH (bar type) supports a multiple colors when the graph have

## one serie only and you did specify a color array for each value.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: The others MCI Player internal functions are defined as pseudo-functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Unneeded hbprinter code was removed at starting of DO REPORT command.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\DO\_REPORT)

## \* Updated: Modified an image aspect ratio in the PRINT GRAPH command.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - Changed: used themed ButtonEx control for toolbar buttons.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: WinReport library (see source in folder \Source\WinReport).

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo in folder \samples\Advanced\REPORT\_INTERPRETER and

## help file WinReport.chm in folder \Doc)

## \* Updated: Socket library source code by Matteo Baccan <baccan@infomedia.it>:

## - Added SetSendTimeout( nMilliSec ) method in tsmtp.prg.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Source\Socket)

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - update for using SQLITE3 version 3.7.8

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: wrong behaviour at lNoHScroll := .T. and double press Ctrl+End.

## Problem was reported by Krzysztof Stankiewicz <ks@nsm.pl>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.1.0dev (SVN 2011-10-25 13:06):

## \* Updated: most important differences between Harbour and xHarbour

## (see xhb-diff.txt in folder \harbour\doc);

## \* Updated: MySql library source code (see in folder \Source\HbMySql);

## \* Updated: HbZipArc library source code (see in folder \Source\HbZipArc).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.1.0.1 Project Manager and Two-Way Visual Form Designer:

## - Fixed : Problem at compiling of console application.

## Reported by Franz <franz@valgraveglia.net>

## \* New: 'HMG Achoice' sample.

## Based upon a contribution of Dhanny del Pilar <dhaine\_adp@hotmail.com>

## (see in folder \samples\Advanced\ACHOICE\_2)

## \* New: 'Dbf to/from Sqlite converter' sample.

## Based upon a contribution of S.Rathinagiri <srgiri@dataone.in>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\dbf2sqlite)

## \* New: 'Get Windows Version string' sample with 64-bit OS detection.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\WinVersion\_2)

## \* Updated: 'My Dbf Browse' sample: minor change.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\BROWSE\_8)

## \* Updated: 'Edit Extended' sample: revised advanced saving function.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\EDIT\_EXTENDED)

## \* Updated: 'Barcode Reader' with serial input sample:

## - added C-casting to pacify warnings.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\BarTools)

## \* Updated: 'MiniSql Basic' sample for compatibility with MySql library changes.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\MiniSql)

## \* Updated: 'Report Interpreter' sample:

## - New: Added 'Barcode labels' sample.

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see in folder \samples\Advanced\REPORT\_INTERPRETER)

## \* Updated: 'DBFview v.0.78' sample: revised Windows 7 UI look.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\DBFview)

## HMG 2.0 Extended Edition

## 2011/10/12: Build 2

## \* Fixed: Restored normal WinAPI behaviour of ReadOnly Spinner control.

## It was wrongly mixed with Disabled state (introduced in the build 31).

## Requested by Adalberto <eninsoft@...> from brazilian forum MiniGUI.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\SPINNER)

## \* New: Added read/write property 'Tabstop' for standard controls.

## You can set/get this property at runtime:

## - function syntax:

## SetProperty ( Form, Control, 'Tabstop', lLogical )

## GetProperty ( Form, Control, 'Tabstop' )

## - pseudo-OOP syntax:

## Form.Control.Tabstop := lLogical

## Form.Control.Tabstop --> logical value

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: The Button control supports now an optional HOTKEY <KeyName> clause.

## Based upon a code for a hotkey detection borrowed from OOHG.

## Requested by Simon Norbert <simon.n@t-online.hu>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see menu File->'More Tests' in folder \samples\basic\MAINDEMO (SYNTAX I))

## \* Enhanced: The Button control with Icon picture supports now a theme style at WinXP.

## The old behaviour is available also via using NOXPSTYLE clause.

## Requested by Simon Norbert <simon.n@t-online.hu>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder\samples\basic\button\_2)

## \* Enhanced: Added moving between data in a CellNavigation Grid control by column.

## It means that instead of moving cursor to the right when you accepted cell

## editing, the cursor should be moved downwards.

## - New: SET [GRID] CELLNAVIGATIONMODE VERTICAL | HORIZONTAL command.

## This mode automatically puts you in edit mode, besides to driving you down

## or left when accepting changes with <Enter> or <Tab> keys.

## Based upon a contribution of Roberto Lopez <mail.box.hmg@gmail.com>

## (see demo2.prg in folder \samples\Basic\Grid\_Test)

## \* Changed: The some MCI Player and AnimateBox internal functions are defined as

## pseudo-functions now.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: Harbour GT functions are used for set/get Clipboard text now.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.1.0dev (SVN 2011-10-11 01:56).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.1.0. Project Manager and Two-Way Visual Form Designer.

## Contributed by Sylvain Larche <slarche@videotron.ca>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'HMG IDE' sample by Roberto Lopez <mail.box.hmg@gmail.com>.

## Borrowed from HMG 4 project. It is a Ide template only.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\hmgide)

## \* New: 'Mini Agenda' sample.

## Based upon a contribution by Bicahi Esgici <esgici@gmail.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\MiniAgenda)

## \* New: 'Focus It' sample: enable X-Mouse style window activation.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\FOCUS\_IT)

## \* Updated: 'Ftp Client' sample based upon a TIP library.

## Problem with uploading of the binary files was reported by

## Eladio Bravo <eladibravo@yahoo.es>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\FtpClient)

## \* Updated: 'Tone function via sound card' sample:

## - Revised the musical sequence.

## Contributed by Alexey Gustow <gustow33[at]mail.ru>

## (see in folder \samples\Advanced\Tone)

## \* Updated: 'Calculator' sample: correction of the 'percent' button action.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Calc)

## HMG 2.0 Extended Edition

## 2011/09/21: Build 1

## \* Changed: From this release, build number is at the end of version number.

## This way '2.0.1' is used instead '2.0 build 1'.

## \* Enhanced: The PROGRESSBAR control supports an optional [ STYLE ] MARQUEE clause

## (continuous loop) with optional parameter VELOCITY nValue (default is 40):

## - New: Added write only 'Velocity' property.

## You can set this property at runtime:

## - function syntax:

## SetProperty ( Form, ProgressBar, 'Velocity', nValue )

## - pseudo-OOP syntax:

## Form.ProgressBar.Velocity := nValue

## You can use Form.ProgressBar.Velocity := 0 for stopping of the loop.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo4.prg in folder \samples\Basic\PROGRESSBAR)

## \* Fixed: When you have a popup with menuitems is showing a message from another item

## that's not the popup. Reported by Marcelo A. L. Carli <malcarli@terra.com.br>.

## The DEFAULT statusbar message will be used for filling of the popup's message.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: DO REPORT command don't restore Portrait mode with using Landscape clause.

## Problem was reported by Sudip Bhattacharyya <sudipb001@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: DO REPORT command supports now an optional NODATETIMESTAMP clause.

## Requested by Sudip Bhattacharyya <sudipb001@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\DO\_REPORT)

## \* Changed: Added BCC optimization switches to main batch file and MPM utility

## (the ones used for the hbmk2 switch -optim).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see Compile.bat in folder \Batch and mpm.prg in folder \Utils\MPM)

## \* Updated: HBPrinter library v.2.25 (see source in folder \source\HbPrinter):

## - Changed: preview images are stored on temporal files similar to miniprint.

## Based upon a code borrowed from OOHG.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Socket library source code by Matteo Baccan <baccan@infomedia.it>:

## - Added: parameter with length of custom string buffer (default is 1)

## in method ReceiveChar( nBufLen ) (tsocket.prg)

## Based upon a contribution of Artyom Verchenko <artyomskynet@gmail.com>

## - Updated: Revised class code for compatibility with Harbour switch -w3.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Source\Socket)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - New: Added method UserPopup() allows to add an user-defined menus to

## the selected columns. It is activated by right mouse button within the header.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo at Menu TSBrowse 9.0->'Headers User Menu'

## in folder \samples\Advanced\TSBrowse)

## - Fixed: Added conversion for datetime value in the function cValToChar().

## Problem was reported by Marcelo Torres <lichitorres@yahoo.com.ar>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see sample tsbrowse 9.0->Test Ado->All Fields, the field HIREDATE

## in folder \samples\Advanced\TsBrowse)

## \* Updated: Harbour Compiler 3.1.0dev (SVN 2011-09-16 11:56):

## \* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD);

## \* Updated: PostGreSQL library source code (see in folder \Source\HbPgSql).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.0.8. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'Table of Colors' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\ColorsTable)

## \* New: 'Download Manager with MultiThreading' sample (based on socket library).

## Based upon a contribution of Artyom Verchenko <artyomskynet@gmail.com>

## (see in folder \samples\Advanced\Downloader)

## \* New: 'Hack Tray' sample (based upon a nice work of Nibu babu thomas).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\HackTray)

## \* Updated: 'Data Base Assistant' utility:

## - Added: a draft print function at the showing of the database list.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\DBA)

## \* Updated: 'Simple Editor' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\EDITOR)

## HMG 1.9 Extended Edition

## 2011/08/17: Build 99

## \* Enhanced: The ComboBox control supports now an optional UPPERCASE and LOWERCASE clauses.

## Suggested by Simon Norbert <simon.n@t-online.hu>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folders \samples\Basic\COMBO\_1 and \samples\Basic\COMBO\_4)

## \* Enhanced: The AnimateBox control supports now an optional NOBORDER clause.

## Suggested by Simon Norbert <simon.n@t-online.hu>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Basic\ANIMATEDEMO)

## \* Changed: The main batch file adds the user's libraries before Harbour core and contrib.

## Problem was reported by Mahmoud Fayed <msfclipper@yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see Compile.bat in folder \Batch)

## \* Updated: C-code for compatibility with a last Harbour changes regarding to:

## 2011-07-17 16:21 UTC+0200 Viktor Szakats (harbour.01 syenar.hu)

## \* deleted things marked with HB\_LEGACY\_LEVEL3, finishing cleanup

## job started many years ago.

## ; this also means that windows.h and os2.h will no longer be

## included by Harbour headers, HB\_OS\_WIN\_USED is thus ineffective,

## so if someone needs these headers to access system APIs, they

## should be manually included in each source file.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: MPM utility:

## - Changed: maximum length of environment strings set at 254 characters.

## Problem was reported by Bill Broyles <bbroyles@cableone.net>

## Contributed by Kevin Carmody <i@kevincarmody.com>

## (see in folder \Utils\MPM)

## \* Updated: Harbour Compiler 3.1.0dev (SVN 2011-08-13 17:25).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: The all samples are revised for compatibility with a last Harbour changes:

## - Added IS\*() -> HB\_IS\*() conversing

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: 'Firebird database access through a ODBC driver' sample.

## Contributed by Hugo Rozas <hugo.rozas@gmail.com>

## (see in folder \samples\Basic\Firebird)

## \* Updated: 'CallDll32 function' samples:

## - Added calling function UnloadAllDll() at 'On Release' event.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Basic\CallDll)

## \* Updated: 'Volume Info' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Advanced\VOLUME\_INFO)

## \* Updated: Added Bulgarian language translation to the following multilingual samples:

## - Biorhythm;

## - DBFview;

## - Language Indicator;

## - Multilingual;

## - Shutdown.

## Contributed by Danail Dikov <ctrld@abv.bg>.

## HMG 1.9 Extended Edition

## 2011/07/27: Build 98

## \* New: Added 'ON MOUSEHOVER' and 'ON MOUSELEAVE' events (optional) for LABEL control.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\Label)

## \* New: Added 'ON MOUSEHOVER' and 'ON MOUSELEAVE' events (optional) for IMAGE control.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo4.prg in folder \samples\Basic\Mouse\_Coords)

## \* Enhanced: The Image control supports the 'Transparent' clause now.

## Warning: This clause works properly for bitmaps with 8 bpp (256 colors) or less.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\CONTROL\_PANEL)

## \* Updated: Synchronized Extended HMG with Official HMG 2.0.001:

## - New: RIGHTALIGN property for HYPERLINK control

## - New: CENTERALIGN property for HYPERLINK control

## - Redesigned: HYPERLINK control (Works on top of LABEL control now).

## (see demo in folder \samples\Basic\HYPERLINK)

## \* Enhanced: Added the following features to batch\Compile.bat file:

## - Merged the functionality of CompileMT.bat into Compile.bat, by adding

## an /MT flag to Compile.bat and using it in the library list build.

## - For debug and mixed mode executables, eliminated the need for the two

## special lines in your source code.

## Contributed by Kevin Carmody <i@kevincarmody.com>

## \* Updated: MPM utility:

## - Added a multithread option to the Options tab.

## - Corrected a support for debug and mixed mode executables.

## - Fixed a bug that occurred when you maximized the main window or

## help window and then restored it at startup.

## Contributed by Kevin Carmody <i@kevincarmody.com>

## (see in folder \Utils\MPM)

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - update for using SQLITE3 version 3.7.7.1

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 3.0.0 final (SVN 2011-07-17 16:34).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'HMG Cursor' sample. Borrowed from HMG 4 project.

## Adapted by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\CURSOR)

## \* New: 'Image-based ToolBar' sample. Requested by Daniel Maximiliano.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo3.prg in folder \samples\Basic\TOOLBAR)

## \* New: 'Control Panel' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\CONTROL\_PANEL)

## \* New: 'HMG ReadXLS' sample.

## Contributed by Isma Elias <farfa890@gmail.Com>

## (see in folder \samples\Advanced\ReadXLS)

## \* Updated: 'Free Memory' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\FREE\_MEMORY)

## HMG 1.9 Extended Edition

## 2011/06/15: Build 97

## \* Enhanced: Function GetFile() allows to select up to 255 files in the multiselect mode.

## Requested by Elias Barbiero from brazilian forum MiniGUI.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\GetFile)

## \* Enhanced: The Window MouseClick event supports a middle mouse click now.

## You can use the variable \_HMG\_MouseState for detection a middle (=3) click.

## You should declare the SET CONTEXT MENU OFF command also.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo3.prg in folder \samples\Basic\Mouse\_Coords)

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - New: Added NOBORDER modifier of FILLED clause in the PRINT RECTANGLE command.

## Requested by Adilson Urso <a.urso@uol.com.br>.

## Based upon a contribution of Alen Uzelac <alen@bbm.hr>

## (see demo in folder \samples\Basic\miniprint)

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - update for using SQLITE3 version 3.7.6.3

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: Incremental search was not move the cursor to up on the first page.

## Bug was reported by Fischer Zsolt <fischer.zsolt@gmail.com>.

## Contributed by Janusz Pora <januszpora@onet.eu>

## \* Updated: Harbour Compiler 2.1.0rc2 (SVN 2011-06-12 13:33).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Fill Directory List' sample.

## Based upon a contribution of Bicahi Esgici <esgici@gmail.com>

## (see in folder \samples\Basic\FillDirList)

## \* New: 'ReStart of Application' sample.

## Requested by Rene Koot <rene@plantenkennis.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\ReStart)

## HMG 1.9 Extended Edition

## 2011/05/18: Build 96

## \* Fixed: Problem with appearance the RichEdit control in Win2000

## (introduced in the build 94).

## Bug was reported by Paolo Russignan <paolorus@yahoo.it>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Problem with negative decimal numbers and 'E' picture in GetBox control.

## Bug was reported by Ari Lehtinen <ari.lehtinen@pp8.inet.fi>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* New: SET GLOBAL HOTKEYS ON | OFF command. When set to ON, the defined hotkeys

## are available from everywhere (default is OFF).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Advanced\CDejector)

## \* New: PostGreSQL wrapper support for MiniGUI (see in folder \Source\HbPgSql).

## Contributed by Mitja Podgornik <yamamoto@rocketmail.com>

## (see console demo in folder \samples\Basic\PostgreSQL)

## \* Changed: Minor simplification of Browse functions code.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: Added parameters error checking in the Grid columns autofitting.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\Grid)

## \* Updated: Batch file hbmk2.bat for compiling with HBMK2 utility:

## - Added: switch /n for 'no run after build' mode.

## Suggested by Paolo Russignan <paolorus@yahoo.it>.

## - Added: switch /nh for 'no head incremental' mode.

## Suggested by Mitja Podgornik <yamamoto@rocketmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see hbmk2.bat in folder \Batch)

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - update for using SQLITE3 version 3.7.6

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Modified: Added minimal columns width at resizing in DrawHeaders method.

## The variable ::nMinWidthCols may be rewritten at runtime (default is 4).

## Requested by Simon Norbert <simon.n@t-online.hu>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 2.1.0rc2 (SVN 2011-05-15 17:19).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: 'CD Ejector' sample:

## - Enhanced: hotkeys Ctrl+Alt+[A|E|L] are available from everywhere.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\CDejector)

## \* Updated: 'Start Button Image Control' sample:

## - Enhanced: hotkey Ctrl+F6 is available from everywhere.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\StartButton)

## \* Updated: 'Sticky Notes' sample.

## Bug was reported by Jaroslav Janik <jaroslav.janik@siemens.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\StickyNotes)

## HMG 1.9 Extended Edition

## 2011/04/12: Build 95

## \* Fixed: Problem with assigning the plain text to the RichEdit control

## (introduced in the build 94).

## Bug was reported by Paolo Russignan <paolorus@yahoo.it>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Cleaning of warning at BCC 5.8.2 in the source\c\_richeditbox.c

## (introduced in the build 94).

## Problem was reported by Rossine <qiinfo@ig.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Fixed: Timer was fired at the 'Value' property changing in the disabled state.

## It exists in the official version too.

## Problem was reported by Jaroslav Janik <jaroslav.janik@siemens.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: Panel window supports now the conjoint form of spelling for events

## and properties (OnInit, OnRelease, VirtualWidth, VirtualHeight,

## FontName, FontSize) at definition similar to others kind of windows.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: 'Address' property of Hyperlink control can contain the procedure name:

## - ADDRESS "proc:\\MyProc()" for execute the user function.

## Based upon a contribution by Sasha Savov <savovs/at/gmail.com>

## (see demo in folder \samples\Basic\HYPERLINK)

## \* Changed: Fixed warnings at the compilation in MinGW32 (tested for 3.18).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: HBPrinter library v.2.24 (see source in folder \source\HbPrinter):

## - Fixed: C-code cleaning for warnings with MinGW32.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - Fixed: C-code cleaning for warnings with MinGW32.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: Missing ADS tag order support in the SetDbf method.

## Contributed by Igor Nazarov.

## - Fixed: Code cleaning for warnings with MinGW32.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 2.1.0rc2 (SVN 2011-04-10 12:43).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.0.7.1. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'Tone function via sound card' sample.

## Based on code contributed by Andi Jahja <harbour@cbn.net.id>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\Tone)

## \* Updated: 'TBrowse SpecHeader' sample for compatibility with TSBrowse 9.0 syntax.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see in folder \samples\Advanced\Tsb\_SpecHeader)

## \* Updated: 'Multi Richedit' sample.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see in folder \samples\Advanced\RicheditEx\_2)

## HMG 1.9 Extended Edition

## 2011/03/15: Build 94

## \* Fixed: The 'OnChange' event fired by mouse click in the celled GRID without

## changing of the cell. It exists in the official version too.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\Grid\_7)

## \* Fixed: The Radiogroup executes 'OnChange' event by mouse click when it's value

## is not changed. It exists in the official version too.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo1.prg in folder \samples\Basic\RadioGroup)

## \* Fixed: Minor correction of RadioGroup SetFocus behaviour.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: RadioGroup accepts now a zero value. This is usefully when we want

## init a radiogroup without default value.

## When we assign a value greater or smaller than radiogroup elements amount,

## the previous value will be mainted and not display the runtime error.

## Based upon a contribution by Eduardo Fernandes <modalsist@yahoo.com.br>

## (see demo3.prg in folder \samples\Basic\RadioGroup)

## \* Enhanced: DATEPICKER control supports a new clause RANGE dRangeMin, dRangeMax.

## You can set/get these properties at runtime:

## - function syntax:

## SetProperty ( Form, DatePick, 'RangeMin', dData )

## GetProperty ( Form, DatePick, 'RangeMax' ) --> dData

## - pseudo-OOP syntax:

## Form.DatePick.RangeMin := dData

## Form.DatePick.RangeMax --> dData

## You can erase date range at runtime via:

## Form.DatePick.RangeMin := 0

## Form.DatePick.RangeMax := 0

## Requested by Anibal Villalobos Guillen <anibalgvillalobosg@yahoo.com>.

## Based upon a code by Alfredo Franceschetti <franz@valgraveglia.net>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo2.prg in folder \samples\Basic\DatePicker)

## \* Changed: Minor improvements in the functions InputBox() and InputWindow().

## Suggested by Honorio A. S. Almeida <info2000informa@ig.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\InputBox)

## \* Changed: The internal function Random() is defined as pseudo-function now.

## It is a wrapper for the Harbour function hb\_RandomInt().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: The WinAPI constants from h\_msgbox.prg are moved to header file i\_winuser.ch.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see i\_winuser.ch in folder Include\)

## \* Updated: RichEditBox control:

## - Modified: RichEdit Dll v.4.1 unicode support at WinXP SP1 or later.

## Based upon a contribution by Janusz Pora <januszpora@onet.eu>.

## - Added: unloading RichEdit Dll at program exit.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>.

## \* Updated: PropGrid library source code (see in folder \Source\PropGrid):

## - Fixed: C-code cleaning for warnings with BCC.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: PropSheet library source code (see in folder \Source\PropSheet):

## - Fixed: C-code cleaning for warnings with BCC.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: Font assigning at inplace editing in btnbox, combo, datepicker and getbox.

## - Fixed: Missing Alias qualification in the SetDbf method.

## Contributed by Igor Nazarov.

## - Changed: Function OrdScope() was used for index based filters.

## Contributed by Janusz Pora <januszpora@onet.eu>

## \* Updated: Harbour Compiler 2.1.0rc2 (SVN 2011-03-11 13:41):

## \* Updated: most important differences between Harbour and xHarbour

## (see xhb-diff.txt in folder \harbour\doc)

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.0.7. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look for what's new at changelog.txt in folder \Ide)

## \* New: 'Display Structure' sample.

## Based upon a contribution by Marcos Antonio Gambeta <marcosgambeta@uol.com.br>

## (see in folder \samples\Basic\DISPLAY\_STRUCTURE)

## \* New: 'HMG Radiogroup' sample. Borrowed from HMG 4 project.

## Adapted by Grigory Filatov <gfilatov@inbox.ru>

## (see demo1.prg in folder \samples\Basic\RadioGroup)

## \* New: 'TsBrowse Incremental search' sample.

## Based upon a contribution by Igor Nazarov

## (see in folder \samples\Advanced\Tsb\_filter)

## \* Updated: MsgEdit sample:

## - Changed: function hb\_GetImageSize() was used instead of XImage.dll.

## Based on code contributed by Andi Jahja <harbour@cbn.net.id>

## (see in folder \samples\Basic\MsgEdit)

## HMG 1.9 Extended Edition

## 2011/02/16: Build 93

## \* Changed: Clipboard retrieve text function was renamed due to misspelled to

## RetrieveTextFromClipboard()-->cText - retrieve text from Windows clipboard

## Reported by Kevin Carmody <i@kevincarmody.com>.

## \* Updated: Clipboard functions:

## - New: Added function ClearClipboard();

## - Updated: function RetrieveTextFromClipboard(). Borrowed from ooHG.

## Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

## (see demo in folder \samples\Basic\CLIPBOARD).

## \* Updated: Grid/TextBox: minor cleaning of InputMask processing code.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Basic\INPUTMASK)

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - New: Added DOTTED clause in the PRINT LINE command.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\miniprint)

## \* Updated: Socket library source code by Matteo Baccan <baccan@infomedia.it>:

## - Updated: date handling of method Send() in tsmtp.prg.

## Problem was reported by Alen Uzelac <solvox@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Source\Socket)

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - update for using SQLITE3 version 3.7.5

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Added: Array vertical bar management in the Insert method.

## - Fixed: Problem with using Ctrl+V / Shift+Insert hotkeys.

## Bug was reported by Paolo Russignan <paolorus@yahoo.it>.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo in folder \samples\Advanced\Tsb\_Array)

## \* Updated: HMG\_QHTM library (see source in folder \Source\QHTM):

## - New: Added function QHTM\_EnableUpdate() - enable/disable redraw element of QHTM;

## - New: Define QHTM now supports the fontname and fontsize attributes.

## Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

## (look at changelog.txt in folder \Source\QHTM)

## \* Updated: Harbour Compiler 2.1.0rc1 (SVN 2011-02-15 09:21):

## \* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD);

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3);

## \* Updated: freeimage.lib update to 3.15.0 (from 3.9.3).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.0.6.1. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br> and

## Pete D. <pete\_westg@yahoo.gr>

## (look for whatsnew at changelog.txt in folder \Ide)

## \* New: 'HMG Grid' sample. Borrowed from HMG 4 project.

## Adapted by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Grid\_Test)

## \* Updated: 'ADORDD' sample with using a TBROWSE control:

## - Updated for compatibility with TSBrowse 9.0 syntax.

## Problem was reported by Oscar Martin.

## (see in folder \samples\Basic\ADORDD\_4)

## \* Updated: Grid samples. Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Basic\Grid)

## \* Updated: 'Get DIR List' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\DirList)

## \* Updated: 'Multi Richedit' sample.

## Requested by Marcelo A. L. Carli <malcarli@terra.com.br>.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see in folder \samples\Advanced\RicheditEx\_2)

## HMG 1.9 Extended Edition

## 2011/01/25: Build 92

## \* Fixed: Problem at windows autoadjusting when there are two controls

## in two different windows with the equal names.

## Bug was reported by Alfredo Franceschetti <franz@valgraveglia.net>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Enhanced: DEFINE FONT command supports now an optional CHARSET clause.

## Contributed by Pavel Tsarenko (tpe2/at/mail.ru)

## \* Changed: Small simplification of common dialogs functions code.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: Error handling utilize a Strongly-Typed Variables assignment

## in the some internal functions (the further implementation).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - Modified: Reformatted to Harbour standard using uncrustify tool.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Socket library source code by Matteo Baccan <baccan@infomedia.it>:

## - Added SetReceiveTimeout( nMilliSec ) method in thttp.prg.

## Contributed by Mitja Podgornik <yamamoto@rocketmail.com>.

## (see in folder \Source\Socket)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - New: Added Enable/Disable/Insert/Modify commands in TsBrowse.ch.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see samples 1 and 2 in \samples\Advanced\TsBrowse\TsBTest.prg)

## \* Updated: Harbour Compiler 2.1.0rc1 (SVN 2011-01-24 23:12):

## - New: Added barcode library HbZebra by Mindaugas Kavaliauskas;

## - New: Added HbFShip and HbXpp contrib libraries;

## - Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3);

## - Updated: HbNetIO contrib library

## (see readme.txt in folder \samples\Advanced\NETIO\_1\Server);

## - Modified: ADS RDD synced for Advantage Database Server 9.0.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.0.5.2. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* New: 'Low Level DBU' utility.

## Based upon a contribution by Bicahi Esgici <esgici@gmail.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\LL\_DBU)

## \* New: 'HMG common dialogs' sample. Borrowed from HMG 4 project.

## Adapted by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\COMMON\_DIALOGS)

## \* New: 'HMG ListBox' sample. Borrowed from HMG 4 project.

## Adapted by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Listbox\_3)

## \* New: 'WALERT function' sample.

## Based upon a contribution by Ricardo Sassy <rsassy@gmail.com>

## (see in folder \samples\Basic\WALERT)

## \* New: 'Minimize the All Applications' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\MinimizeAll)

## \* Updated: 'Project Analyzer' sample for detection of the unused functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Utils\Project\_Analyzer)

## \* Updated: 'Error Log' sample by Jacek Kubica <kubica@wssk.wroc.pl>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\ErrorLog)

## \* Updated: 'FileCopy with progressbar' sample by Jacek Kubica <kubica@wssk.wroc.pl>.

## Problem was reported for copying of the large file(s).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Filecopy)

## \* Updated: 'NirCmd Dll Usage' sample:

## - Updated: nircmd.exe from http://www.nirsoft.net/utils/nircmd.html.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\NirCmdDll)

## HMG 1.9 Extended Edition

## 2010/12/15: Build 91 Christmas Edition

## \* New: Windows supports now the HelpButton property.

## You can set/get this property at runtime:

## - function syntax:

## SetProperty ( Form, 'HelpButton', lLogical )

## GetProperty ( Form, 'HelpButton' )

## - pseudo-OOP syntax:

## Form.HelpButton := lLogical

## Form.HelpButton --> logical value

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* New: Optional Strongly-Typed Variables assignment is available for

## LOCAL, STATIC, PRIVATE and PUBLIC declarations. It will automatically

## assign a specific type value to declaration that does not have an initial

## value assigned to it.

## Example:

## LOCAL cVar AS STRING

## This declaration will initially assign an empty string value

## to the variable cVar.

## There is a command that will assign a value and check for type of value

## being assigned instead of using the traditional := assignment operator:

## ASSIGN cVar := "This is a String"

## Any attempt to assign a value of a different type using this statement

## will result in a run-time error.

## You may continue to declare your variables with the assignment option

## in the traditional manner also.

## Based upon a code donated by Bryan Duchesne <crewsys@nbnet.nb.ca>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see declarations in the header include\i\_pseudofunc.ch and

## demo in folder \samples\Advanced\StronglyTypedVars)

## \* Changed: Error handling utilize a Strongly-Typed Variables assignment

## in the some internal functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: Fixed compilation in newer BCC versions (tested for 6.30).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: If variable type in GET INI command is NIL then return type is taken

## from the DEFAULT clause var. If variable type is NIL and DEFAULT clause was

## not specified in GET INI command then return type is assumed as Character.

## Problem was reported by Jaroslav Janik <jaroslav.janik@siemens.com>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\Ini)

## \* Changed: Small correction of disable menu items handling at startup.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see menudemo3.prg in folder \samples\Basic\Menu)

## \* Updated: Socket library source code by Matteo Baccan <baccan@infomedia.it>:

## - Fixed compilation in xHarbour.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Source\Socket)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: Set the starting position in the declaration TsBrowse with

## 'Value' property;

## - Fixed: Positioning 'GoBottom' with an active filter;

## - Fixed: Display of the line when you use the scroll function;

## - Fixed: Definition SuperHeader directly from TsBrowse now correctly

## calculates the 'SELECTOR'.

## Contributed by Janusz Pora <januszpora@onet.eu>

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - updated for using SQLITE3 version 3.7.4

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 2.1.0beta3 (SVN 2010-12-12 23:12):

## \* New: Added RDDBM library by Przemyslaw Czerpak <druzus/at/priv.onet.pl>;

## \* Updated: HbODBC library source code (see in folder \Source\HbODBC);

## \* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.0.5.1. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* New: 'DBF Header Info' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\dbfHeaderInfo)

## \* New: 'Strongly Typed Variables' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\StronglyTypedVars)

## \* Updated: 'Window with open/close effects' sample.

## Contributed by Mahmoud Fayed <msfclipper@yahoo.com>

## (see in folder \samples\Basic\WindowEffects)

## \* Updated: 'TaskBar Notifier' sample by Petr Chornyj <myorg63@mail.ru>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\TaskBarNotifier)

## \* Updated: 'View BMP Image' sample with Bitmap handling functions:

## - Added batch file compile.bat.

## Contributed by Christian T. Kurowski <xharbour@wp.pl>

## (see in folder \samples\Advanced\VIEW\_IMAGE)

## HMG 1.9 Extended Edition

## 2010/11/17: Build 90

## \* New: Maintenance of OnGotFocus, OnLostFocus, OnChange and OnDblClick events at runtime:

## - function syntax:

## SetProperty ( Form, Control, 'OnGotFocus', {|| MsgInfo('New action')} )

## SetProperty ( Form, Control, 'OnLostFocus', {|| MsgInfo('New action')} )

## SetProperty ( Form, Control, 'OnChange', {|| MsgInfo('New action')} )

## SetProperty ( Form, Control, 'OnDblClick', {|| MsgInfo('New action')} )

## - pseudo-OOP syntax:

## Form.Control.OnGotFocus := {|| MsgInfo('New action')}

## Form.Control.OnLostFocus := {|| MsgInfo('New action')}

## Form.Control.OnChange := {|| MsgInfo('New action')}

## Form.Control.OnDblClick := {|| MsgInfo('New action')}

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\checkbox)

## \* New: Windows supports now the TitleBar, SysMenu, Sizable, MaxButton, MinButton properties.

## You can set/get these properties at runtime:

## - function syntax:

## SetProperty ( Form, 'TitleBar', lLogical )

## GetProperty ( Form, 'TitleBar' )

## - pseudo-OOP syntax:

## Form.TitleBar := lLogical

## Form.TitleBar --> logical value

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* Enhanced: Windows supports getting of the TOPMOST property:

## - function syntax:

## GetProperty ( Form, 'TopMost' )

## - pseudo-OOP syntax:

## Form.TopMost --> logical value

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: Remove unneeded double using of macro-operator in the following internal functions:

## - GetWindowType();

## - \_IsWindowActive();

## - \_IsWindowDefined();

## - GetFormName();

## - GetFormToolTipHandle();

## - GetFormHandle();

## - GetControlName();

## - GetControlHandle();

## - GetControlContainerHandle();

## - GetControlParentHandle();

## - GetControlId();

## - GetControlType();

## - GetControlValue();

## - \_GetControlWidth();

## - \_GetControlHeight();

## - GetControlPageMap().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: Replacing the cycles For-Next with For Each-Next or array evaluation of codeblock

## for improvement of the speed in the some internal functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: Using a simple C-function hb\_Date() instead of a bulky top-level expression for

## getting the 'Value' property in the MonthCal and DatePicker controls.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: Small correction of error handling in the internal function \_ActivateAllWindows().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: Small corrections of default values in the internal function \_Execute().

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo in folder \samples\Basic\EXECUTE)

## \* Changed: Simplify internal handling of MessageBox functions:

## - Added internal function \_MsgBox().

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\MsgBox)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - A new method RefreshARow (nRow) allows you to refresh any row in the table and

## if it is just shown it does not flickering windows;

## - Small correction in the method UpAStable (added update of the array length);

## - Improve the display of the last rows of the database or table when you use the slider to move;

## - Added parameter 'lAll' in Method DeleteRow() by calling a block :bDelete.

## Contributed by Janusz Pora <januszpora@onet.eu>

## \* Updated: Harbour Compiler 2.1.0beta2 (SVN 2010-11-14 14:18):

## \* Updated: most important differences between Harbour and xHarbour

## (see xhb-diff.txt in folder \harbour\doc);

## \* Updated: SddOdbc library source code (see in folder \Source\HbSqlDD);

## \* Updated: HbODBC library source code (see in folder \Source\HbODBC);

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3);

## \* Updated: HbZipArc library source code (see in folder \Source\HbZipArc).

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Data Base Assistant' utility.

## Based upon a contribution by Bicahi Esgici <esgici@gmail.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \Utils\DBA)

## \* Updated: 'Calendar' sample by Javier Giralda <giraldfj@yahoo.es>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Calendar)

## \* Updated: 'Richedit' sample:

## - added richedit controls context menu.

## Contributed by Jacek Kubica <kubica@wssk.wroc.pl>

## (see in folder \samples\Basic\Richedit)

## \* Updated: 'NirCmd Dll Usage' sample is based upon the NirCmd.dll from

## http://www.nirsoft.net/utils/nircmd.html.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\NirCmdDll)

## HMG 1.8 Extended Edition

## 2010/10/20: Build 89

## \* Changed: Replacing the cycles For-Next with For Each-Next or array evaluation of codeblock

## for improvement of the speed in the some internal functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: Global replacing Alltrim(Str(n)) with hb\_NtoS(n) in the core.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Changed: Small corrections in the code of EDIT command by Cristobal Molla <cemese@terra.es>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demos in folder \samples\Basic\EDIT)

## \* Enhanced: The Tab control supports the changing of ToolTip for pages at runtime.

## You can set/get this property via:

## - function syntax:

## SetProperty ( Form, Tab, 'Tooltip', nPage, cTooltip )

## GetProperty ( Form, Tab, 'Tooltip', nPage )

## - pseudo-OOP syntax:

## Form.Tab.Tooltip( nPage ) := cTooltip

## Form.Tab.Tooltip( nPage ) --> cTooltip

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see demo.prg in folder \samples\Basic\Tab)

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - Fixed: small corrections in array sorting.

## Contributed by Janusz Pora <januszpora@onet.eu>

## - Fixed: LoadFields() and SetArray() functions.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see \samples\Advanced\TsBrowse\TsBTest.prg)

## \* Updated: HMG\_QHTM library (see source in folder \Source\QHTM):

## - New: Added functions QHTM\_LoadFromVal(), QHTM\_AddHtml2(),

## QHTM\_ScrollPos() and QHTM\_ScrollPercent()

## - Updated: Function QHTM\_EnableCooltips() return value

## - New: Added pseudo-funcs QHTM\_GetScrollPos() and QHTM\_SetScrollPos()

## in header file i\_qhtm.ch (needed for QHTM\_ScrollPos() and QHTM\_ScrollPercent())

## Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

## (look at changelog.txt in folder \Source\QHTM)

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - updated for using SQLITE3 version 3.7.3

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## \* Updated: Harbour Compiler 2.1.0beta2 (SVN 2010-10-18 13:43):

## \* Updated: most important differences between Harbour and xHarbour

## (see xhb-diff.txt in folder \harbour\doc);

## \* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD):

## - SQLMIX, SDDMY, SDDODBC: mixed bugfix.

## Contributed by Mindaugas Kavaliauskas (dbtopas/at/dbtopas.lt)

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.0.5. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* New: 'Demo of QHTM new functions' sample.

## Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

## (see in folder \samples\Advanced\qhtm\_3)

## \* Updated: 'Joint usage of QHTM & SQLite3' sample:

## - fixed QHTM\_PrintDestroyContext() calling.

## Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

## (see in folder \samples\Advanced\qhtm\_2)

## \* Updated: '7-Zip interaction' sample for compatibility with Harbour change.

## This sample is required an installed 7-Zip archiver at http://www.7-zip.org.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Advanced\7-Zip)

## \* Updated: 'Free Memory' sample. Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Applications\FREE\_MEMORY)

## \* Updated: 'Calendar' sample by Javier Giralda <giraldfj@yahoo.es>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Calendar)

## \* Updated: 'Inter-application communication' sample.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\Comm)

## \* Updated: 'Dual Browse' sample by Joe Fanucchi <drjoe@meditrax.com>.

## Problem was reported by Luiz Escobar <escobar@megasistema.com.br>.

## Contributed by Grigory Filatov <gfilatov@inbox.ru>

## (see in folder \samples\Basic\DualBrowse)

## HMG 1.8 Extended Edition

## 2010/09/28: Build 88

## \* Fixed: The problem with 'Save' and 'Refresh' methods in the BTNTEXTBOX control

## (it's similar to standard TEXTBOX control now).

## Based upon a contribution by Gyula Bartal <gybartal@gmail.com>

## \* Changed: The Browse control is guarded by constant \_DBFBROWSE\_ in the sources

## for compatibility with Official HMG (similar to COMPILEBROWSE definition).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at minigui.ch in folder \include)

## \* Changed: Replacing the cycles For-Next with array evaluation of codeblock

## for improvement of the speed in the some internal functions.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 9.0 in HMG:

## - New: ADO recordset's browsing is supported now

## (see demo at Menu TSBrowse 9.0->'Test ADO' in folder \samples\Advanced\TSBrowse)

## - New: AUTOCOLUMNS clause for automatic columns creation. With arrays columns naming

## (A,B,C,...,AA,AB,etc.) it is similar to Excel.

## (see demo at Menu TSBrowse 9.0->'AutoCols' in folder \samples\Advanced\TSBrowse)

## - New: SELECTOR clause to show an automatic first column with a record selector:

## SELECTOR <.T.> means default black arrow selector;

## SELECTOR <.F.> means just add the column with no graphic selector but the cursor's backcolor;

## SELECTOR <cBmp> means to use your own (cBmp) graphic selector.

## oBrw:nSelWidth data can be used to assign selector column's width

## (see demo at Menu TSBrowse 9.0->'Excel Test' in folder \samples\Advanced\TSBrowse)

## - New: SBrowse() function for quick browsing of databases, arrays, etc.

## (see demo at Menu TSBrowse 9.0->'Sbrowse in folder \samples\Advanced\TSBrowse)

## - New: oBrw:lDontChange data to avoid active row to be changed by the user, cursor will become

## CursorStop() on mouse over

## (see demo at Menu TSBrowse 9.0->'Test Stop' in folder \samples\Advanced\TSBrowse)

## - New: Switch Ascend/Descend order by double clicking column headers for indexable columns

## (not empty data oCol:cOrder).

## - New: Optional Tooltips for columns activated when mouse is over Headers.

## - New: HEADER, WIDTHS, PICTURE, FIELDS, COLUMNS clauses can be used optional for the array also.

## - New: Columns menu which will be activated when the user clicks the right mouse button

## on the Browse Header (Columns copy, cut, move, undo)

## Thanks a lot to Janusz Pora for this GREAT contribution!

## \* Updated: Harbour Compiler 2.1.0beta2 (SVN 2010-09-23 18:52):

## \* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD):

## - SQLBASE: fixed connection freeing in RDDI\_DISCONNECT.

## Contributed by Mindaugas Kavaliauskas (dbtopas/at/dbtopas.lt)

## \* Updated: HbZipArc library source code (see in folder \Source\HbZipArc):

## - Fixed: HB\_ZIPFILE() don't store date/time/attr of files in the archive

## Bug was reported by Jaroslaw Kadziola <kadziola@tlen.pl>

## (see demo2.prg in folder \samples\Basic\Zip)

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.0.4. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* New: 'TsBrowse ColorPick' sample.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\Tsb\_colors)

## \* Updated: 'ComboBoxEx' sample: added workaround for Vista/Seven.

## (see demo in folder \samples\Basic\ComboEx)

## \* Updated: 'Graph Print' sample: combobox behaviour correction.

## (see GraphPrint.prg in folder \samples\Basic\GraphPrint)

## \* Updated: UnRar sample and HbUnrar library:

## - Updated UnRar.Dll to current version 2.93 (from 2.70).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\UnRar)

## \* Updated: 'Process Killer' sample to version 2.2:

## - Modified: Priority handling in the ProcInfo library.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Applications\PROCESS\_KILLER)

## HMG 1.8 Extended Edition

## 2010/09/08: Build 87

## \* Changed: The ButtonEx control will not carry out the 'Action' event when cursor

## is located out of the field of the button at the mouse left button up.

## This behaviour is similar to the standard Button control's action and

## respects the hotkeys and spacebar key pressing.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo.prg in folder \samples\Basic\ButtonEx)

## \* Enhanced: Menu Extended supports now the keyboard shortcut keys (via symbol '&')

## for Menu's Popups/Items. It works properly for menu without popups only.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Advanced\MenuEx)

## \* Updated: HBPrinter library v.2.22 (see source in folder \source\HbPrinter):

## - Fixed: C-code cleaning for warnings with BCC.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - Fixed: C-code cleaning for warnings with BCC.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: Socket library source code by Matteo Baccan <baccan@infomedia.it>:

## - Fixed: C-code cleaning for warnings with BCC.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \Source\Socket)

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - updated for using SQLITE3 version 3.7.2

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: Harbour Compiler 2.1.0beta2 (SVN 2010-09-05 17:35):

## \* Updated: MySql library source code (see in folder \Source\MySql):

## - Added: mysql\_ping to check if the connection is still alive;

## - Added: mysql\_errno returns the last error as numeric code.

## Patch by Carlos Bacco <carlosbacco@gmail.com>

## \* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD):

## - SDDMY: extended RDDINFO( RDDI\_CONNECT, ) to support all parameters

## of MySql connect.

## Contributed by Mindaugas Kavaliauskas (dbtopas/at/dbtopas.lt)

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.0.3. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* New: 'Login to application' sample.

## Based upon a contribution by S.Rathinagiri <srgiri@dataone.in>

## (see in folder \samples\Basic\Login)

## \* New: 'Drive Mapping' sample.

## Contributed by Roberto Manini <conexxus@yahoo.com.br>

## (see in folder \samples\Advanced\DriveMapping)

## \* Updated: 'My Error Function' sample.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Basic\MyErrorFunc)

## \* Updated: 'Process Killer' sample.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\PROCESS\_KILLER)

## HMG 1.8 Extended Edition

## 2010/08/09: Build 86

## \* Fixed: GDI leaks problem at imagelist managing of Image [check]button

## (introduced in the build 83).

## Problem was reported by Ricci at official HMG forum.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Changed: ErrorSys behaviour is synced with Harbour 2.0 modifications:

## - Added default action for EG\_LOCK;

## - Fixed to set ErrorLevel to 1 in case of a RT error.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\ErrorLog)

## \* Changed: Modified Browse/Grid 'DynamicBackColor' and 'DynamicForeColor'

## properties internal handling for compatibility with Official HMG.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Changed: DRAW GRAPH (pie type) correction of title center aligning.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see pie.prg in folder \samples\Basic\GraphPrint)

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - updated for using SQLITE3 version 3.7.0.1

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: Harbour Compiler 2.1.0beta1 (SVN 2010-08-08 16:49).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.0.2.1. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* Updated: MPM utility:

## - Corrected a bug which prevented MPM from building libraries

## from multiple object files;

## - Changed the wording of the rebuild option from "Always rebuild"

## to "Rebuild";

## - Extended the date test on the executable to include user specified

## libraries.

## Contributed by Kevin Carmody <i@kevincarmody.com>

## (see in folder \Utils\MPM)

## \* New: 'Get Form Client Height' sample. Contributed by Bootwan <bootwan@yahoo.com.tw>

## (see in folder \samples\Basic\GetClientSize)

## \* Updated: 'View BMP Image' sample with Bitmap handling functions.

## Based upon a contribution by Claudio Soto <srvet@adinet.com.uy>

## (see in folder \samples\Advanced\VIEW\_IMAGE)

## HMG 1.8 Extended Edition

## 2010/07/20: Build 85b

## \* Fixed: Reverted change which was borrowed from Official HMG 3.0.35:

## - Problem with 'Visible' property (introduced in the build 85).

## Problem was reported by Marcelo Torres <lichitorres@yahoo.com.ar>

## \* Fixed: The function BmpSize() respects a bitmap parameter as numeric value

## (based upon C-function GetBitmapSize()).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Changed: SET AUTOADJUST ON command seems to act more like resize than zoom:

## - Added NOBUTTONS clause which will left button's sizes unchanged.

## Syntax:

## SET AUTOADJUST ON [ NOBUTTONS ]

## The old resizing behaviour is available also via the new command

## SET AUTOZOOMING ON

## Based on code contributed by Pete D. <pete\_westg@yahoo.gr>.

## \* Updated: Harbour Compiler 2.1.0beta1 (SVN 2010-07-19 19:17):

## \* Updated: HbODBC library source code (see in folder \Source\HbODBC);

## \* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Auto Adjust' sample. Contributed by MigSoft <mig2soft/at/yahoo.com>

## (see in folder \samples\Basic\AUTOADJUST)

## \* New: 'RunDll32' sample. Contributed by Salnes <ElSalnes@telefonica.net>

## (see in folder \samples\Basic\RUNDLL32)

## \* New: 'HMG Achoice' sample. Contributed by S.Rathinagiri <srgiri@dataone.in>

## (see in folder \samples\Advanced\ACHOICE)

## \* New: 'Characters Guessing Game' sample. Contributed by Bootwan <bootwan@yahoo.com.tw>

## (see in folder \samples\Applications\Guessing)

## HMG 1.8 Extended Edition

## 2010/07/14: Build 85a

## \* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

## - Fixed: default value for property PICTURE (introduced in build 85).

## Problem was reported by Roberto Manini <conexxus@yahoo.com.br>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: Harbour Compiler 2.1.0beta1 (SVN 2010-07-13 08:55):

## \* Updated: most important differences between Harbour and xHarbour

## (see xhb-diff.txt in folder \harbour\doc);

## \* Updated: MySql library source code (see in folder \Source\MySql);

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3);

## \* Updated: HbWin contrib library (see in folder \harbour\Lib).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: 'Console+GUI mixed mode' sample for compatibility with Harbour change.

## Problem was reported by Arcangelo Molinaro <arcangelo.molinaro@fastwebnet.it>

## (see in folder \samples\Basic\MixedMode)

## HMG 1.8 Extended Edition

## 2010/07/07: Build 85

## \* New: Added PANEL Window type.

## Panel windows can be embedded in other windows.

## You can define a PANEL window inside a DEFINE WINDOW / END WINDOW

## structure or outside specifying Parent's name (exactly as a control).

## Panel windows are automatically activated through its parent, so

## explicit activation is not required.

## Example:

## DEFINE WINDOW Win\_1 ;

## ROW 0 ;

## COL 0 ;

## WIDTH 400 ;

## HEIGHT 400 ;

## TITLE 'Panel Window Demo' ;

## WINDOWTYPE MAIN

## DEFINE WINDOW Win\_2 ;

## ROW 30 ;

## COL 30 ;

## WIDTH 300 ;

## HEIGHT 200 ;

## VIRTUAL WIDTH 400 ;

## VIRTUAL HEIGHT 400 ;

## WINDOWTYPE PANEL

## <...>

## 

## END WINDOW

## END WINDOW

## ACTIVATE WINDOW Win\_1

## Based upon a code borrowed from an Official HMG.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demos in folder \samples\Basic\CONTAINERS\Panel)

## \* Enhanced: LOAD WINDOW command supports now an additional optional

## AT <row>, <col> WIDTH <w> HEIGHT <h> clauses.

## It's needed for support of the PANEL Window from FMG file.

## Borrowed from an Official HMG.

## (see demo in folder \samples\Basic\CONTAINERS\Panel\_2)

## \* Changed: Modified some translate directives in the header include\i\_pseudofunc.ch

## for avoiding of concurrence with user's function names.

## Suggested by Francek Prijatelj <francek.prijatelj@siol.net>

## \* Updated: Synchronized Extended HMG with Official HMG 3.0.35:

## - Fixed: Problem with 'Visible' property. Previous version forced

## message processing creating problems in some rare situations.

## Remark: old behaviour was stay for Label control only.

## \* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

## - Fixed: improved definition of methods in the TSBrowse class;

## - Enhanced: added clause PICTURE for edit fields in the TBROWSE command.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo at Menu TSBrowse->'Grid form' in folder \samples\Advanced\TSBrowse)

## \* Updated: Harbour Compiler 2.1.0beta2 (SVN 2010-07-07 10:08):

## \* Updated: MySql library source code (see in folder \Source\MySql);

## \* Updated: HbODBC library source code (see in folder \Source\HbODBC);

## \* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD);

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3);

## \* Updated: HbNetIO contrib library (see in folder \harbour\Lib);

## \* Updated: HbWin contrib library (see in folder \harbour\Lib).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'Array Arithmetics' sample. Contributed by Bicahi Esgici <esgici@gmail.com>

## (see in folder \samples\Basic\ARRAY\_ARITHMETICS)

## \* New: 'Drag and Drop' sample. Contributed by Bootwan <bootwan@yahoo.com.tw>

## (see in folder \samples\Basic\ON\_DROPFILES)

## \* New: 'View BMP Image' sample with Bitmap handling functions.

## Based upon a contribution by Claudio Soto <srvet@adinet.com.uy>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\VIEW\_IMAGE)

## \* Updated: 'FileMan' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\FileMan)

## \* Updated: 'RicheditEx' samples for compatibility with Harbour 2.0 change.

## Problem was reported by Fernando Yurisich <fernando.yurisich@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folders \samples\Advanced\RicheditEx and \samples\Advanced\RicheditEx\_2)

## HMG 1.8 Extended Edition

## 2010/06/16: Build 84

## \* Enhanced: Monthcal control supports now an optional OnSelect clause.

## This event operates whenever the currently displayed date changes

## via month change, year change, keyboard navigation, prev/next button.

## Warning: This clause works properly at Vista/Seven only.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo.prg in \Samples\Basic\Monthcal)

## \* Changed: Modified handling of control's column position in InputWindow() function.

## Suggested by Jose Miguel <josemisu@yahoo.com.ar>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: HBPrinter library v.2.21 (see source in folder \source\HbPrinter):

## - Fixed: Corrections in the C-function rr\_DrawText for proper support of

## @ nTop, nLeft, nBottom, nRight DRAW TEXT cText [STYLE] [FONT] command.

## Contributed by Eduardo Fernandes <modalsist@yahoo.com.br>

## \* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

## - Fixed: C-code cleaning for warnings via BCC.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: Harbour Compiler 2.1.0beta1 (SVN 2010-06-15 13:06):

## \* Updated: most important differences between Harbour and xHarbour

## (see xhb-diff.txt in folder \harbour\doc);

## \* Updated: HbNetIO contrib library (see in folder \harbour\Lib);

## \* Updated: HbWin contrib library (see in folder \harbour\Lib).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.0.1. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* Updated: 'ActiveX Preview' sample:

## - Changed: moved required OS checking on top of module.

## Suggested by Alexey Gustow <gustow33[at]mail.ru>.

## (see demo6.prg in folder \samples\Basic\ActiveX)

## \* Updated: 'Calendar' sample by Javier Giralda <giraldfj@yahoo.es>:

## - translation to English.

## Contributed by Alexey Gustow <gustow33[at]mail.ru>

## (see in folder \samples\Basic\Calendar)

## \* Updated: 'DO REPORT command' sample:

## - translation to English.

## Contributed by Alexey Gustow <gustow33[at]mail.ru>

## (see in folder \samples\Basic\DO\_REPORT)

## \* Updated: 'Image Browse 2' sample.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Basic\IMAGEBROWSE2)

## \* Updated: 'System Metrics' sample is based upon the HbWin contrib library.

## Contributed by Alexey Gustow <gustow33[at]mail.ru>

## (see in folder \samples\Advanced\WinMetrics)

## HMG 1.8 Extended Edition

## 2010/05/20: Build 83

## \* Fixed: The conflict with closing menu by <Esc> key and hotkey Escape action.

## The solution is suggested by Roberto Lopez <harbourminigui@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo2.prg in folder \samples\Basic\Menu\_2)

## \* Fixed: Problems with [check]button's images background in Vista and Seven.

## The solution is borrowed from an Official HMG.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\MAINDEMO\_(SYNTAX\_I))

## \* New: Command DEFINE PAGERBOX. A PagerBox allows the user to define a scrolling area for

## the toolbar buttons.

## Syntax:

## DEFINE PAGERBOX <name> [ OF <parent> ] [ CAPTION <cCaption> ] [ TOOLTIP <tooltip> ];

## [ VERTICAL ] [ WIDTH <nWidth> ] [ HEIGHT <nHeight> ];

## [ SCROLLSIZE <nScroll> ] [ AUTOSCROLL ] [ BACKCOLOR <backcolor> ]

## DEFINE TOOLBAR ...

## BUTTON ...

## ...

## END TOOLBAR

## END PAGERBOX

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo in folder \samples\Basic\CONTAINERS\PAGERBOX)

## \* Enhanced: Toolbar[Ex] control supports an optional Wrap clause.

## This allows the construction of the vertical toolbar.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo2.prg in folder \samples\Basic\TOOLBAR)

## \* Enhanced: The standard Image Button control supports an optional NOXPSTYLE clause.

## It's similar to ButtonEx control property and available at control's definition only.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Enhanced: The standard TextBox control supports an optional NOBORDER clause.

## It's available at control's definition for numeric and character only.

## Contributed by Adilson Urso <a.urso@uol.com.br>.

## \* Enhanced: InputWindow() function supports now an optional the 9th parameter nLabelWidth

## and 10th parameter nControlWidth (default values are 90 and 140).

## Contributed by Jose Miguel <josemisu@yahoo.com.ar>

## (see test2 in demo at folder \samples\Advanced\InputWindowEx)

## \* Enhanced: Pie Graph command supports an optional DATAMASK clause.

## Requested by Adilson Urso <a.urso@uol.com.br>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see pie.prg in folder \samples\Basic\GraphPrint)

## \* Updated: Synchronized Extended HMG with Official HMG 3.0.31-34:

## - New: The celled GRID control supports an optional LockColumns clause

## (see demo2.prg in folder \samples\Basic\Grid\_8)

## - Modified: Exiting from grid cell edit, jumps to the next editable cell.

## Requested by Sudip.

## - Fixed: Problem with Grid ColumnValid return (introduced in build 82a).

## Reported by Rathinagiri.

## - Fixed: Closing a MsgBox with <Esc> makes release method not working

## when invoked immediately after. Reported by Marek.

## \* Updated: PropGrid library source code:

## - Fixed: Improving the exit from edit mode after changing the value

## with SET PROPERTYITEM at Windows 7.

## Problem was reported by Ivanil Marcelino <ivanil@linkbr.com.br>.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo.prg in folder \samples\Advanced\PropGrid)

## \* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

## - New: Added an optional STYLE clause to TBROWSE command

## Requested by Rossine <qiinfo@ig.com.br>.

## - Fixed: small correction on editing HeaderSpec (it eliminates flickering

## of non-editable cell). Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo in folder \samples\Advanced\Tsb\_SpecHeader)

## \* Updated: Harbour Compiler 2.1.0beta1 (SVN 2010-05-18 09:19):

## \* Updated: HbZipArc library source code (see in folder \Source\HbZipArc):

## - Fixed: <lOverWrite> support in HB\_ZIPFILE().

## \* Updated: MySql library source code (see in folder \Source\HbMySql);

## \* Updated: HbNetIO contrib library (see in folder \harbour\Lib);

## \* Updated: HbWin contrib library (see in folder \harbour\Lib):

## - Added: Basic support for running a harbour application as windows server.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.1.0.0. Project Manager and Two-Way Visual Form Designer.

## Based on code contributed by Pete D. <pete\_westg@yahoo.gr>.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* Updated: MPM utility for compatibility with Windows Se7en UI look.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \Utils\MPM)

## \* New: 'AutoFill in ComboBox' sample. Contributed by S.Rathinagiri <srgiri@dataone.in>

## (see in folder \samples\Advanced\AutoFill\_2)

## \* New: 'Sudoku game' sample. Contributed by S.Rathinagiri <srgiri@dataone.in>.

## Adapted for Minigui Extended by Alexey Gustow <gustow33[at]mail.ru>.

## (see in folder \samples\Applications\Sudoku)

## HMG 1.8 Extended Edition

## 2010/04/21: Build 82a

## \* Fixed: The function C\_GetDllSpecialFolder() works now at Win98 (not SE).

## Problem was reported by Mitja Podgornik <yamamoto@rocketmail.com>.

## Based upon a contribution by Vailton Renato <vailtom@gmail.com>

## \* Enhanced: Draw Text command supports an optional Angle clause.

## Based upon a contribution by Adilson Urso <a.urso@uol.com.br>

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - Fixed: Problem in the GetPrintableArea family functions

## (introduced in the build 82). Reported by Sudip.

## \* Updated: Synchronized Extended HMG with Official HMG 3.0.20-29b:

## - Modified: Added error checking to 'ColumnWhen' and 'ColumnValid'

## Browse/Grid events. From this release, when an attempt to edit a

## Browse/Grid cell inside these event procedures is done, a runtime

## error is generated. The reason for this is to avoid attempts to edit

## two or more cells simultaneously in different control instances.

## Reported by Luis Vazquez.

## - Fixed: 'ThisWindow' object reference incorrect on Grid valid procedure.

## Reported by Marek.

## \* Updated: PropGrid library source code:

## - Fixed: Improving the display value for the Item in edit mode

## after changing the value with SET PROPERTYITEM.

## Problem was reported by Ivanil Marcelino <ivanil@linkbr.com.br>.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo.prg in folder \samples\Advanced\PropGrid)

## \* Updated: Harbour Compiler 2.1.0dev (SVN 2010-04-19 17:13).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: MiniFRM sample by Daniel Piperno <dpiperno@montevideo.com.uy>.

## Problem was reported by Fernando C.Salvador <fernando.salvador@itelefonica.com.br>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\MiniFRM)

## HMG 1.8 Extended Edition

## 2010/04/15: Build 82

## \* Fixed: The application hangs during Grid editing after external hotkey pressing

## (introduced in the build 38).

## Reported by Sudip Bhattacharyya <sudipb001@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Changed: The label is visible always after the blink's stopping.

## Problem was reported by Ivanil Marcelino <ivanil@linkbr.com.br>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Changed: Modified error handling when parent window is not defined.

## Problem was reported by Fajlx <eposta@ptt.rs>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: The RichEditBox control for compatibility with Harbour 2.0 change.

## Contributed by Kevin Carmody <i@kevincarmody.com>

## \* Updated: Synchronized Extended HMG with Official HMG 3.0.26:

## - Fixed: Problem with number of copies in print preview window.

## Reported by swapan.

## - Fixed: Problem with QUIT command (it's similar to RELEASE WINDOW ALL

## command now). Reported by Czarny\_Pijar.

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - Fixed: Added missing declaration for public variable \_hmg\_printer\_collate.

## Contributed by Fernando C.Salvador <fernando.salvador@itelefonica.com.br>.

## - Changed: The public variables are moved to \_HMG\_MINIPRINT array.

## Warning: You should recompile the MiniPrint library and your applications

## for compatibility with this change.

## - Fixed: Corrections in the PrintDialog C-function for the number of copies and

## right print range. Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\miniprint)

## \* Updated: WinReport library (see source in folder \Source\WinReport):

## - Changed: Using of \_HMG\_MINIPRINT array for MiniPrint library.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Advanced\REPORT\_INTERPRETER)

## \* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

## - Added: Croatian language translation

## Contributed by Alen Uzelac <alen.uzelac@gmail.com>

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - updated for using SQLITE3 version 3.6.23.1

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: MPM utility for compatibility with Windows 7 UI look.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \Utils\MPM)

## \* Updated: Harbour Compiler 2.1.0dev (SVN 2010-04-12 11:08):

## \* Changed: Using of memory allocator DLMALLOC 2.8.4 instead of standard BCC.

## \* Updated: MySql library source code (see in folder \Source\MySql);

## \* Updated: SddOdbc library source code (see in folder \Source\HbSqlDD);

## \* Updated: HbWin contrib library (see in folder \harbour\Lib).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: Description for HMG Extended Syntax extensions over Official HMG:

## - Added remarks about the similar features in the Official HMG.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at exdiff.txt in folder \Doc)

## \* New: 'Read the Keyboard' sample with emulation the function LastKey().

## Contributed by Claudio Soto <srvet@adinet.com.uy>

## (see in folder \samples\Advanced\ReadKey)

## \* New: 'Timed Balloon Tip' sample is based upon the HbWin contrib library.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\TrayBalloon\_2)

## \* New: 'System Metrics' sample is based upon the HbWin contrib library.

## Contributed by Pete D. <pete\_westg@yahoo.gr>

## (see in folder \samples\Advanced\WinMetrics)

## \* New: 'Extended File Properties' sample.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo3.prg in folder \samples\Advanced\WMI\_Service)

## \* Updated: 'Get DIR List' sample for compatibility with Harbour 2.1 changes

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Basic\DirList)

## \* Updated: 'NetIO Server and Client' samples for compatibility with MT feature.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demos in folders \samples\Advanced\NETIO\_1 and \samples\Advanced\NETIO\_2)

## \* Updated: 'Report Generator' sample by Roberto Lopez <harbourminigui@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demos in folder \samples\Advanced\REPORT\_GENERATOR)

## \* Updated: 'Report Generator 2' sample by Roberto Lopez <harbourminigui@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo2.prg in folder \samples\Advanced\REPORT\_GENERATOR\_2)

## \* Updated: PropGrid sample:

## - Fixed: Property array initialization.

## Contributed by Ivanil Marcelino <ivanil@linkbr.com.br>.

## (see demo.prg in folder \samples\Advanced\PropGrid)

## HMG 1.8 Extended Edition

## 2010/03/12: Build 81

## \* Fixed: Problem with disabling the labels at the changing Tab's caption or image

## properties. Reported by Eladio Bravo <eladibravo@yahoo.es>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Fixed: Problem with changing the value of label blink at runtime when closing form.

## Contributed by Ivanil Marcelino <ivanil@linkbr.com.br>.

## \* Enhanced: Tooltip visible time is supported.

## - SET TOOLTIP VISIBLETIME TO <v> OF <form>

## where <v> is the visible time of tooltip in milliseconds (max value ~30000).

## Contributed by Hodaszi Tamas <hodaszitamas@gmail.com>

## \* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

## - Added: Czech language translation

## - Added: Slovak language translation

## - Added: Hungarian language translation

## Contributed by Gyula Bartal <gybartal@gmail.com>

## \* Updated: Import library libmysql.lib to current stable MySQL version 5.1.44.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \harbour\Lib)

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - updated for using SQLITE3 version 3.6.23

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 2.1.0dev (SVN 2010-03-11 11:40):

## \* Updated: MySql library source code (see in folder \Source\MySql);

## \* Updated: HbODBC library source code (see in folder \Source\HbODBC);

## \* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD);

## \* New: SDDsqlt3 library source code (see in folder \Source\HbSqlDD)

## (see demo in folder \samples\Advanced\Sqlit3DD);

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3);

## \* Updated: HbZipArc library source code (see in folder \Source\HbZipArc):

## - Fixed: HB\_ZIPFILE() not working properly with a password set.

## - Fixed: HB\_GETFILESINZIP() returns now CRC in verbose mode.

## \* Updated: HbWin contrib library (see in folder \harbour\Lib).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour)

## \* New: 'NirCmd Dll usage' sample is based upon the NirCmd.dll from

## http://www.nirsoft.net/utils/nircmd.html.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\NirCmdDll)

## \* Updated: 'Draw Box' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Basic\DrawBox)

## \* Updated: 'GDI Plus' sample for compatibility with Harbour 2.1 changes.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\GdiPlus)

## \* Updated: 'Get Password' sample for compatibility with Harbour 2.1 changes.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\GetPassword)

## HMG 1.8 Extended Edition

## 2010/02/25: Build 80

## \* Fixed: Problem with disabling the ScrollBars in the Browse/Grid controls.

## Requested by Mitja Podgornik <yamamoto@rocketmail.com>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: Synchronized Extended HMG with Official HMG 3.0.20:

## - Enhanced: You can exit now from cell editing on BROWSE/GRID with a mouse

## click outside the cell. This has the same effect as the <Enter> key

## (you will need a second click to reposition the cursor).

## Warning: This change does not work at Win9x.

## - New: sample HMGTALK by Vanguarda (Great Job!).

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Advanced\HMGTALK)

## \* Updated: HBPrinter library v.2.18 (see source in folder \source\HbPrinter):

## - Fixed: Corrections in the C-function rr\_PrintDialog for the number of copies

## and print range. Requested by Eladio Bravo <eladibravo@yahoo.es>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - New: Resources files set. Based upon a contribution by Brazil HMG user.

## - Added: Windows 7 support.

## \* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

## - Enhanced: Added the possibility of defining SpecHeader at the bottom

## of the normal TSBrowse headlines.

## Syntax:

## @ <nRow>,<nCol> TBROWSE <oBrw> [ID <nId>] ;

## [ OF | PARENT | DIALOG ><cParent> ]

## ...

## [ ENUMERATOR ]

## [ AUTOSEARCH [ USERSEARCH <uUserSearch> ] ]

## [ AUTOFILTER [ USERFILTER <uUserFilter> ] ]

## ...

## Logical clauses:

## ENUMERATOR - show in Special Header the numbers of columns.

## AUTOSEARCH - Activates fields in the Special Header, allowing you

## to enter data for contextual search of the record. In seeking

## consideration of all data entered in the Special Header fields.

## AUTOFILTER - Activates fields in in the Special Header, allowing you

## to filter the data TsBrowse. Filtering are taken into account all

## the data entered in a special header fields.

## - Enhanced: Added the ability to sort of array ascending/descending

## by dblclick in the Header area.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo in folder \samples\Advanced\Tsb\_SpecHeader)

## \* Updated: PropGrid library source code:

## - Fixed: Double click an empty PropertyGrid (created from empty ARRAYITEM)

## causes GPF. Requested by Jozef Rudnicki <j\_rudnicki@wp.pl>.

## Contributed by Janusz Pora <januszpora@onet.eu>

## \* Updated: Harbour Compiler 2.1.0dev (SVN 2010-02-24 10:32):

## \* Updated: MySql library source code (see in folder \Source\MySql);

## \* Updated: HbODBC library source code (see in folder \Source\HbODBC);

## \* Updated: HbOLE library source code (see in folder \Source\HbOLE);

## \* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD);

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3);

## \* Updated: HbNetIO contrib library (see in folder \harbour\Lib);

## \* Updated: HbMemIO contrib library (see in folder \harbour\Lib);

## \* Updated: HbWin contrib library (see in folder \harbour\Lib).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.0.9.9. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* New: 'Window with open/close effects' sample.

## Based upon a contribution by Luis Vasquez <luisvasquezcl@yahoo.com>.

## (see in folder \samples\Basic\WindowEffects)

## \* Updated: 'Calculator' sample.

## Based upon a contribution by Vanguarda <vanguarda.one@gmail.com>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Basic\Calc)

## \* Updated: 'Data-Bound Controls' sample.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Basic\DATA\_BOUND)

## \* Updated: 'Property Grid Creator' sample.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see in folder \samples\Advanced\PgCreator)

## \* Updated: 'Windows Version' sample:

## - Added: Windows 7 is detected now.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Advanced\WinVersion)

## \* Updated: 'WMI Service usage' sample:

## - Added: Windows 7 type is detected now.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo2.prg in folder \samples\Advanced\WMI\_Service)

## \* Updated: 'Memory Statistics' sample.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Applications\MemStat)

## HMG 1.7 Extended Edition

## 2010/01/21: Build 79

## \* Fixed: Problem with Numeric Inputmask and point handling in the TextBox control

## (introduced in the build 76). Reported by Adilson Urso <a.urso@uol.com.br>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Fixed: Problems with WHEN block in the Browse control.

## Reported by Luis Vasquez <luisvasquezcl@yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Fixed: Celled Grid Control behaviour. Up and Down arrows allows now to change value

## in the column controls ComboBox, DatePiker and Spinner at the editing.

## Reported by Sudip Bhattacharyya <sudipb001@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Enhanced: Multiline tooltip supports a new global command:

## - SET TOOLTIP MAXWIDTH TO <w>

## where <w> is the max width of tooltip's string in pixels.

## It must be described before the any window's definition.

## Contributed by Marcos Antonio Gambeta <marcosgambeta@uol.com.br>

## (see demo4.prg in folder \samples\Basic\Tooltip\_Balloon)

## \* Updated: Synchronized Extended HMG with Official HMG 3.0.0:

## - Fixed: problem with scrollbars update in virtual-dimensioned windows.

## - Enhanced: Virtual Grid supports now AllowEdit, ColumnWhen, ColumnValid,

## DynamicBackColor, DynamicForeColor and ColumnControls properties.

## (see demos in folders \samples\Basic\Grid\_8 and \samples\Basic\Grid\_9)

## \* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

## - Fixed: service of key Backspace in the Method KeyChar.

## Contributed by Zsolt Fischer <zsolt.fischer@aok.pte.hu>

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - updated for using SQLITE3 version 3.6.22

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

## \* Updated: The main batch file supports a new Harbour 2.0 libraries names.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see Compile.bat in folder \Batch)

## \* Updated: MPM and MPMC utilities for compatibility with Harbour 2.0 changes.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folders \Utils\MPM and \Utils\MPMC)

## \* Updated: Harbour Compiler 2.0.0 (SVN 2009-12-22 22:00):

## \* New: Added HbWin contrib library (see in folder \harbour\Lib).

## \* Changed: Harbour libraries were renamed to standard SVN names.

## Requested by Viktor Szakats (harbour.01 syenar.hu).

## \* Updated: HBMK2 utility source code (see in folder \Utils\hbmk2).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

## \* Updated: HMGS-IDE v.0.9.8. Project Manager and Two-Way Visual Form Designer.

## \* Updated: mpmc.prg for compatibility with Harbour 2.0 libraries renaming.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* New: 'TGif class' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>.

## - New: command @ <row>,<col> ANIGIF <oGif> [ OF <parent> ] PICTURE <filename> ;

## [ WIDTH <nWidth> ] [ HEIGHT <nHeight> ] [ DELAY <nDelay> ]

## Based upon a sample Minigui\Samples\Advanced\AnimatedGif by Petr Chornyj.

## Warning: It needs the standard non-optimized animated GIFs for proper work of class

## (see in folder \samples\Advanced\tgif)

## \* Updated: 'ActiveX Preview' sample is based upon the WinXP PictureViewer ActiveX.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo6.prg in folder \samples\Basic\ActiveX)

## \* Updated: 'Multiple Combined Search Box' sample.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\CombinedSearchBox)

## HMG 1.7 Extended Edition

## 2009/12/15: Build 78a Christmas Edition

## \* Fixed: The wrong keeping of the Justify array in the Browse control (introduced in the build 10).

## Bug was reported by Constantin Rusu <crusuc@yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## HMG 1.7 Extended Edition

## 2009/12/14: Build 78 Christmas Edition

## \* Fixed: The correction of return default value in the registry class (introduced in the build 64).

## Bug was reported by Roberto Lopez <harbourminigui@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Fixed: Problem with right/left column aligning at the HeaderImage clause in the Browse/Grid.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\DirList)

## \* Changed: The function C\_GetDllSpecialFolder() is guarded by constant \_\_WIN98\_\_ in the sources.

## You may comment the constant #define \_\_WIN98\_\_ in c\_winapimisc.c and h\_winapimisc.prg

## if you have a problem in the Windows 9X. Requested by Rossine <qiinfo@ig.com.br>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Changed: The Harbour Tget class is moved into the Minigui core for GETBOX control support.

## The Harbour RTL library uses the original Tget class from Harbour SVN now.

## Suggested by Viktor Szakats (harbour.01 syenar.hu).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - updated for using SQLITE3 version 3.6.21

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 2.0.0beta3 (SVN 2009-12-10 16:10):

## \* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD);

## \* Updated: Harbour license (see COPYING in folder \harbour);

## Requested by Viktor Szakats (harbour.01 syenar.hu).

## \* New: HBMK2 utility source code (see in folder \Utils\hbmk2).

## Requested by Viktor Szakats (harbour.01 syenar.hu).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

## \* Updated: HMGS-IDE v.0.9.7. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* New: 'Custom progress bar' sample. Contributed by S.Rathinagiri <srgiri@dataone.in>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Basic\PROGRESSBAR\_2)

## \* Updated: 'ActiveX Flash' sample is based upon the Shockwave FlashPlayer ActiveX.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo3.prg in folder \samples\Basic\ActiveX)

## \* Updated: 'My Dbf Browse' sample. Based upon a contribution by MigSoft <mig2soft/at/yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Basic\BROWSE\_8)

## \* Updated: 'Monthcal control' sample supports navigation with the arrow keys.

## Requested by Rossine <qiinfo@ig.com.br>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see month.prg in folder \samples\Basic\Monthcal)

## \* Updated: 'XMas Lights' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Applications\XMasLights)

## \* Changed: The folder \samples\Basic\TextBtn was renamed to \samples\Basic\BTNTEXTBOX\_2.

## Requested by Walter <walhug@yahoo.com.ar>.

## \* Removed: 'PDF Reader' sample not working on current Harbour release.

## Look at demo4.prg in folder \samples\Basic\ActiveX instead.

## HMG 1.7 Extended Edition

## 2009/11/26: Build 77

## \* New: 'ODBC Database Driver' library source code (see in folder \Source\HbSqlDD).

## Based upon a contribution by Mindaugas Kavaliauskas <dbtopas/at/dbtopas.lt>

## (see demo in folder \samples\Advanced\OdbcDD)

## \* Fixed: The new ButtonEx behaviour breaks hotkeys and spacebar pressing if the mouse cursor

## is placed out of button field (introduced in the build 76).

## Problem was reported by Rossine <qiinfo@ig.com.br>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Fixed: The Interval value of Timer control did not kept at the change in the \_SetValue().

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Changed: Correction of using dbunlock() function after editing in the Browse control.

## You can use a Browse for editing of array (based upon SqlMix Harbour contrib).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Advanced\ArrayRDD)

## \* Changed: Replacing the cycles For-Next with For Each-Next or array evaluation of codeblock

## for improvement of the speed in the following internal functions:

## - \_ActivateWindow();

## - \_ShowWindow();

## - \_ReleaseWindow();

## - \_hmg\_OnHideFocusManagement();

## - \_SetValue();

## - \_DisableControl();

## - \_EnableControl();

## - \_ShowControl();

## - \_HideControl().

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demos in folder \samples\Basic\NOAUTORELEASE)

## \* Enhanced: The Image Button control with ICON clause supports an optional

## EXTRACT <IconIndex> clause.

## Syntax:

## @ 10,10 BUTTON Button\_1 ;

## ICON cFileWithIconResource ;

## EXTRACT nIconIndex ;

## ACTION bAction

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\ExtractIcon)

## \* Updated: Synchronized an Extended HMG with an Official HMG 3.0.0:

## - Fixed: Problems with numeric group expression in the report generator.

## Reported by Fernando Chirico.

## - Fixed: Problem when group header is omitted in the report generator.

## Reported by Sudip.

## (see demos in folder \samples\Advanced\REPORT\_GENERATOR)

## \* Updated: Harbour Compiler 2.0.0beta3 (SVN 2009-11-24 13:20):

## \* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

## \* New: 'ActiveX Preview' sample is based upon the WinXP PictureViewer ActiveX.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo6.prg in folder \samples\Basic\ActiveX)

## \* New: 'Xtract - Data Cube' sample.

## Contributed by S.Rathinagiri <srgiri@dataone.in>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\DataCube)

## \* New: 'Simple NetIO Server and Client' samples are based upon a Harbour HbNetIO library.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demos in folders \samples\Advanced\NETIO\_1 and \samples\Advanced\NETIO\_2)

## \* Updated: 'FreeImage Viewer' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

## This sample is required a library FreeImage.Dll from http://freeimage.sourceforge.net

## (see in folder \samples\Advanced\FREEVIEW)

## \* Updated: 'Report Generator 2' sample by Roberto Lopez <harbourminigui@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo2.prg in folder \samples\Advanced\REPORT\_GENERATOR\_2)

## HMG 1.7 Extended Edition

## 2009/11/11: Build 76

## \* Fixed: The Masked Textbox control execute 'On Change' procedure at the GotFocus and

## LostFocus events. It exists in the official version too.

## Reported by Marcelo Torres <lichitorres@yahoo.com.ar>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see numeric.prg in folder \samples\Basic\INPUTMASK)

## \* Fixed: Problem in the function \_BeginTabPage() with the default Tab tooltip array assigning

## (introduced in the build 71).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* New: Added read/write user property 'Cargo' for standard controls.

## You can set/get this property at runtime:

## - function syntax:

## SetProperty ( Form, Control, 'Cargo', xUserData )

## GetProperty ( Form, Control, 'Cargo' ) --> xUserData

## - pseudo-OOP syntax:

## Form.Control.Cargo := xUserData

## Form.Control.Cargo --> xUserData

## Requested by Rossine <qiinfo@ig.com.br>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\Cargo)

## \* Enhanced: The methods EnableUpdate and DisableUpdate support the TBrowse control also.

## Suggested by Francek Prijatelj <francek.prijatelj@siol.net>

## \* Enhanced: The controls with 'Field' clause have a checkup in the Refresh and Save methods.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\DATA\_BOUND)

## \* Changed: The ButtonEx control will not carry out the 'Action' event when cursor is located

## out of the field of the button at the mouse left button up.

## This behaviour is similar to the standard Button control.

## Requested by Vianei Moreira de Lemos <vianeimoreira@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo.prg in folder \samples\Basic\ButtonEx)

## \* Changed: The InputBox window supports a resizing of width and autosized description label.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\InputBox)

## \* Updated: Synchronized an Extended HMG with an Official HMG 3.0.0:

## - Updated: 'build.bat' will create an 'error.log' file in the app folder when build

## process ends with an error condition.

## Syntax of <config.hbc>:

## incpaths = incpath1 incpath2 ... incpathn

## libpaths = libpath1 libpath2 ... libpathn

## libs = lib1 lib2 ... libn

## - library names must not include a '.lib' extension.

## (see demo in folders \samples\Advanced\HaruPDF and \samples\Applications\PROCESS\_KILLER)

## \* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

## - Enhanced: Added the possibility of defining SuperHeader directly in the definition TBrowse.

## SuperHeader name in this case is separated from the Header name by symbol '~' (tilde).

## - Enhanced: Assigns colors for SuperHeader by Method SetColor() individually for each column.

## Added the new constants for SetColor:

## - CLR\_SUPF 16 // superheader text

## - CLR\_SUPB 17 // superheader back

## - Enhanced: Change font in SuperHeader by Method ChangeFont() individually for each column.

## New Syntax for ChangeFont:

## oBrw:ChangeFont( nFontHandle, nSuperHeader, 4 ) // 4 = Constant for SuperHeader

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo at Menu TSBrowse->'Grid form' in folder \samples\Advanced\TSBrowse)

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - updated for using SQLITE3 version 3.6.20

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 2.0.0beta3 (SVN 2009-11-10 09:43):

## \* New: most important differences between Harbour and xHarbour by Przemyslaw Czerpak

## (see xhb-diff.txt in folder \harbour\doc);

## \* Updated: HaruPDF library source code (see in folder \Source\HaruPDF);

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

## \* Updated: HMGS-IDE v.0.9.5. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* New: 'ActiveX Calendar' sample is based upon the ActiveX control MSCal.ocx

## from MS Office. Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo5.prg in folder \samples\Basic\ActiveX)

## \* Updated: 'Custom Button' user component sample:

## - Fixed: conflict of user handler procedure with menu actions.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see mybutton.prg in folder \samples\Basic\USER\_COMPONENTS)

## \* Updated: 'Minimize/Maximize External Application' sample.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demos in folder \samples\Advanced\ExternalApp)

## \* Updated: 'Haru PDF' sample.

## Problem was reported by Luiz Escobar <escobar@megasistema.com.br>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\HaruPDF)

## \* Updated: 'Report Generator 2' sample by Roberto Lopez <harbourminigui@gmail.com>.

## Adapted for HbPrinter by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo2.prg in folder \samples\Advanced\REPORT\_GENERATOR\_2)

## \* Updated: 'WMI Service usage' sample:

## - New: show OS environment variables.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo2.prg in folder \samples\Advanced\WMI\_Service)

## HMG 1.7 Extended Edition

## 2009/10/21: Build 75

## \* New: 'Application' object. It will allow to read (and write when possible)

## various application main window properties.

## Syntax:

## Application.ExeName

## Application.Handle

## Application.FormName

## Application.Col [ := <nNumber> ]

## Application.Row [ := <nNumber> ]

## Application.Width [ := <nNumber> ]

## Application.Height [ := <nNumber> ]

## Application.Title [ := <cString> ]

## Application.Cursor := <cString>

## Application.BackColor := <aArray>

## Application.Topmost := <lLogical>

## (see demo in folder \samples\Basic\MULTI\_PRG)

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* New: Added a pseudo-function ChangeFileExt( <cFile>, <cExt> ). It will return

## the full filename with changed extension.

## Usage:

## cFileIni := ChangeFileExt( Application.ExeName, '.ini' )

## Based upon an idea borrowed from Delphi.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Fixed: The declaration for all minigui defined functions/procedures.

## Problem was reported by Rossine <qiinfo@ig.com.br>

## (see mgextern.ch in folder \include)

## \* Fixed: The Up/Down moving issues in "Browse from rc" and "Browse indirect".

## Problem was reported by Jaroslav Janik <jaroslav.janik@siemens.com>.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo in folder \samples\Basic\Dialog)

## \* Changed: Function GetFile() - minor correction in the multiselect mode.

## Requested by Ryszard Rylko <rrylko@cirow.pl>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\GetFile)

## \* Updated: Synchronized an Extended HMG with an Official HMG 2.7.0:

## - New: 'System' object. It will allow to read (and write when possible)

## various operating system properties.

## The first implementation allows to access (read and write) the system

## clipboard and various system settings (read only).

## Syntax:

## System.Clipboard [ := <cString> ]

## System.DesktopWidth

## System.DesktopHeight

## System.DefaultPrinter

## System.DesktopFolder

## System.MyDocumentsFolder

## System.ProgramFilesFolder

## System.SystemFolder

## System.TempFolder

## System.WindowsFolder

## (see demo in folder \samples\Basic\CLIPBOARD).

## \* Updated: Synchronized an Extended HMG with an Official HMG 3.0.0:

## - New: 'Build.bat' is based upon HBMK2 utility (it works at WinXP and later).

## Syntax:

## Build [/d] [/i] [/r] <PrgFile> | <filelist.hbp> [config.hbc]

## where

## [/d] : Debug Mode

## [/i] : Incremental Build

## [/r] : Rebuild All Mode

## <filelist.hbp> : A text file with a source filelist

## <config.hbc> : A text file with configuration parameters as additional

## libs, include paths and lib paths

## (see demos in folders \samples\Basic\MULTI\_PRG and \samples\Basic\MAINDEMO (SYNTAX I))

## \* Updated: WinReport library (see source in folder \Source\WinReport).

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo in folder \samples\Advanced\REPORT\_INTERPRETER and

## help file WinReport.chm in folder \Doc)

## \* Updated: Socket library v.1.07:

## - Fixed: minor correction in the C-function SocketReceive()

## Suggested by Przemyslaw Czerpak (druzus/at/priv.onet.pl).

## (see socket.c in folder \Source\Socket)

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - updated for using SQLITE3 version 3.6.19

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 2.0.0beta3 (SVN 2009-10-20 01:20):

## \* New: Memory File System usage (see demo in folder \samples\Advanced\MEMORY\_TABLES).

## Contributed by Mindaugas Kavaliauskas (dbtopas/at/dbtopas.lt)

## \* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD).

## Problem was reported by Luiz Escobar <escobar@megasistema.com.br>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

## \* Updated: HMGS-IDE v.0.9.4.2. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* New: 'My Dbf Browse' sample. Based upon a contribution by MigSoft <fugaz\_cl@yahoo.es>

## (see in folder \samples\Basic\BROWSE\_8)

## \* Updated: 'Report Generator' sample by Roberto Lopez <harbourminigui@gmail.com>:

## - added array support.

## Syntax:

## BEGIN DATA

## ITERATOR <xExpression>

## STOPPER <xExpression>

## END DATA

## The section is optional. If its omitted, 'Iterator' will be set as 'dbskip()'

## and 'Stopper' as 'Eof()'. Borrowed from an Official HMG 2.9.5.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@freemail.ru>

## (see demo8.prg in folder \samples\Advanced\REPORT\_GENERATOR)

## \* Updated: Applications for compatibility with the last Harbour changes:

## - 'Switch Printer' (see in folder \samples\Applications\SwitchPrinter);

## - 'System Info' (see in folder \samples\Applications\SysInfo).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## HMG 1.7 Extended Edition

## 2009/09/30: Build 74

## \* Fixed: Typo with static declaration of the function FLD\_PageInfo in the source\c\_folder.c.

## Reported by Francek Prijatelj <francek.prijatelj@siol.net>

## \* Fixed: Problem with ONCLICK, ON CLICK clause of Label control in the header file.

## Reported by Rene Koot <rene@plantenkennis.com>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\Label)

## \* Updated: Socket library v.1.07:

## - Fixed: problem with hb\_xgrab zero bytes allocation

## Contributed by Mitja Podgornik <yamamoto@rocketmail.com>.

## (see socket.c in folder \Source\Socket)

## \* Updated: HBPrinter library (see source in folder \source\HbPrinter):

## - Fixed: Closing of Preview was destroyed the modal status of the previous window.

## Reported by Krzysztof Stankiewicz <ks@nsm.pl>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## - Updated: Polish language translation.

## Contributed by Krzysztof Stankiewicz <ks@nsm.pl>.

## \* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

## - Fixed: service of key Esc in the Append mode;

## - Fixed: improved Scrollbar working;

## - Fixed: assigned but unused variables.

## Contributed by Janusz Pora <januszpora@onet.eu>

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - updated for using SQLITE3 version 3.6.18

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

## \* Updated: HMG\_QHTM library (see source in folder \Source\QHTM).

## Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

## (look at changelog.txt in folder \Source\QHTM)

## \* Updated: Harbour Compiler 2.0.0beta3 (SVN 2009-09-28 22:27).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

## \* Updated: HMGS-IDE v.0.9.4.1. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* New: 'Grid Color' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Advanced\GridColor)

## \* Updated: 'Joint usage of QHTM & SQLite3' sample:

## - added web-form support.

## Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

## (see in folder \samples\Advanced\qhtm\_2)

## \* Updated: 'System services' sample.

## Problem was reported by Paul Schlicher <paulschlicher@yahoo.com>

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\WMI\_Service\_2)

## HMG 1.7 Extended Edition

## 2009/09/10: Build 73

## \* Fixed: Missing action of the Button control at the next focusing after

## the GetBox control.

## Reported by Ryszard Liska <softmar@softmar.poznan.pl>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: Synchronized an Extended HMG with an Official HMG 2.9.4:

## - Fixed. Multiple buttons having 'default button' style. Reported by

## Vanguarda. Thanks to Grigory Filatov for help.

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - New: Added FILLED clause in the PRINT RECTANGLE command.

## Contributed by S.Rathinagiri <srgiri@dataone.in>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

## - Fixed: Vertical scrollbar position for array with more 65535 elements.

## Reported by Russian user.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* New: HMG\_QHTM library (see source in folder \Source\QHTM).

## Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

## (see demo in folder \samples\Advanced\qhtm)

## \* Updated: Harbour Compiler 2.0.0beta3 (SVN 2009-09-07 12:03).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

## \* Updated: HMGS-IDE v.0.9.3. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* New: 'Joint usage of QHTM & SQLite3' sample.

## Based upon a freeware Qhtm.Dll from the following URL:

## http://www.gipsysoft.com/qhtm/freedownload.shtml.

## Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

## (see in folder \samples\Advanced\qhtm\_2)

## \* New: 'System services' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

## Based on code contributed by Rafa Carmona for Xailer.

## (see in folder \samples\Advanced\WMI\_Service\_2)

## \* Updated: OLE sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Basic\OLE)

## \* Updated: 'Multiple Combined Search Box' sample.

## Based upon a contribution by Bicahi Esgici <esgici@gmail.com>

## (see in folder \samples\Advanced\CombinedSearchBox)

## \* Updated: 'Directory Tree' sample (build tree of folders, files and archives).

## Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

## (see in folder \samples\Advanced\DirTree)

## \* Updated: 'Game 15' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Applications\GAME\_15)

## HMG 1.7 Extended Edition

## 2009/08/12: Build 72

## \* Fixed: The menuitem's enabled/disabled state is returned vice versa

## (introduced in the build 35).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see MakeContextMenu procedure in demo at folder

## \samples\Basic\MAINDEMO (SYNTAX I))

## \* Enhanced: The main icon defined by user could be used as default icon

## to all other windows:

## - New: SET DEFAULT ICON TO <IconName> command.

## Suggested by Eduardo Fernandes <modalsist@yahoo.com.br>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\Statusbar)

## \* Changed: The internal variables assignment in the ButtonEx control.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\BUTTON\_1)

## \* Changed: The function CShowControl() is defined as pseudo-function now.

## Warning: You should recompile the HBPrinter library for compatibility

## with this change.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: Portuguese language translation again in h\_init.prg.

## Contributed by Marcelo A. L. Carli <malcarli@terra.com.br>.

## \* Updated: WinReport library (see source in folder \Source\WinReport).

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo in folder \samples\Advanced\REPORT\_INTERPRETER and

## help file WinReport.chm in folder \Doc)

## \* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

## - Fixed: Method KeyChar when the tsbrowse is empty in array mode.

## Contributed by Antonio Carlos da Silva <antoniocarlosconsultor@yahoo.com.br>

## (see demo in folder \samples\Advanced\TSBrowse)

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - updated for using SQLITE3 version 3.6.17

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 2.0.0beta2 (SVN 2009-08-11 12:01).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.0.9.2. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* New: 'Grid to Text' sample. The function Grid2Txt() have the following parameters:

## - Name of the form;

## - Name of the grid;

## - Filename to be produced;

## - Length of every field (if 0, it is automatic).

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo3 in folder \samples\Basic\Grid\_7)

## \* Updated: 'Report Generator' sample by Roberto Lopez <harbourminigui@gmail.com>.

## Adapted for HbPrinter by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo2 in folder \samples\Advanced\REPORT\_GENERATOR\_2)

## \* Updated: 'Tray Outlook Express' sample.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Applications\TrayOE)

## HMG 1.7 Extended Edition

## 2009/07/30: Build 71

## \* Changed: The Tab control supports adding of ToolTip to separate page instead to all Tab:

## - New: added optional TOOLTIP clause to [ DEFINE ] [ TAB ] PAGE command.

## - New: added optional 4-th parameter to pseudo-oop command

## Form.Tab.AddPage( nPage, cCaption [, cImage] [, cTooltip] ).

## Contributed by Jozef Rudnicki <j\_rudnicki@wp.pl>

## (see demo.prg in folder \samples\Basic\Tab)

## \* Changed: Correction in the function \_GetFocusedControl() for default return value.

## Contributed by Antonio Novo <antonionovo@gmail.com>

## \* Changed: Correction in the function CopyToClipboard(cText) for no character cText value.

## Reported by Petr Chornyj <myorg63@mail.ru>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: Synchronized an Extended HMG with an Official HMG 2.9.3:

## - Fixed. Browse refresh bug. Reported by Vanguarda.

## \* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

## - Fixed: Wrong column type detection at array editing.

## - Fixed: Correction at the saving XLS file in the method Excel2.

## Bugs were reported by Adilson Urso <a.urso@uol.com.br>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Advanced\TSBrowse)

## \* Updated: Harbour Compiler 2.0.0beta2 (SVN 2009-07-24 09:46):

## \* New: HbVpdf library source code (see in folder \Source\HbVpdf).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

## \* Updated: HMGS-IDE v.0.9.1. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* New: 'Report Generator' sample by Roberto Lopez <harbourminigui@gmail.com>.

## Borrowed from an Official HMG 2.9.3.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@freemail.ru>

## (see demos and help file report.txt in folder \samples\Advanced\REPORT\_GENERATOR)

## \* Updated: 'MiniGraph v.2.4' sample.

## Based upon a contribution by Logoshniy Sergey <serlogosh@yandex.ru>

## (see in folder \samples\Applications\MiniGraph)

## \* Updated: 'WMI Service usage' sample.

## Based upon a contribution by Logoshniy Sergey <serlogosh@yandex.ru>

## (see demo2.prg in folder \samples\Advanced\WMI\_Service)

## \* Updated: Corrections in the license and readme files.

## Suggested by Petr Chornyj <myorg63@mail.ru>.

## (look at license.txt and readme.txt in the root folder)

## HMG 1.7 Extended Edition

## 2009/07/14: Build 70

## \* Fixed: The Slider control execute 'On Change' procedure twice with the mouse

## (introduced in the build 67). Reported by Carlos Britos <bcd12a@yahoo.com.ar>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\Slider)

## \* Fixed: Programmatic change not execute OnChange procedure for the GetBox control.

## Reported by Carlos Britos <bcd12a@yahoo.com.ar>

## \* Fixed: GetBox control - caret shape in the insert/overwrite modes.

## Based upon the remarks and fix of Simon Norbert <simon.n@t-online.hu>.

## Contributed by Jacek Kubica <kubica@wssk.wroc.pl>

## \* New: Function GetUserProfileFolder() returns an User Profile Folder path.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\MAINDEMO (SYNTAX I))

## \* Updated: C-code for compatibility with a last Harbour changes regarding to:

## 2009-06-24 22:36 UTC+0200 Viktor Szakats (harbour.01 syenar.hu)

## \* include/hbapi.h

## \* include/hbapiitm.h

## \* source/vm/itemapi.c

## \* source/vm/arrays.c

## \* source/vm/extend.c

## Started addition of 'const' keywords where applicable.

## extern HB\_EXPORT const char \* hb\_parc( int iParam );

## extern HB\_EXPORT const char \* hb\_parcx( int iParam );

## extern HB\_EXPORT const char \* hb\_itemGetCPtr( PHB\_ITEM pItem );

## extern HB\_EXPORT const char \* hb\_arrayGetCPtr( PHB\_ITEM pArray, ULONG ulIndex );

## NOTE: This modification will break code in most compilers,

## especially in C++ mode.

## 2009-06-20 22:24 UTC+0200 Przemyslaw Czerpak (druzus/at/priv.onet.pl)

## \* harbour/include/hbapi.h

## \* harbour/source/vm/extend.c

## \* renamed existing hb\_par\*() and hb\_stor\*() functions which supports

## variable number of parameters (...) into hb\_parv\*() and hb\_storv\*()

## \* added new hb\_par\*() and hb\_stor\*() functions which use strict number

## of parameters. New hb\_par\*() functions do not make hidden conversion

## between types, f.e. hb\_parl() returns 1 only for logical parameters

## which contain .T.

## NOTE: INCOMPATIBLE. You'll need to modify hb\_par\*()/hb\_stor\*()

## instances where they are used with extra parameter to

## hb\_parv\*()/hb\_storv\*(). [vszakats]

## NOTE: INCOMPATIBLE. hb\_parnl() no longer pulls the value of

## date types. If you want to retrieve date as numeric value,

## use hb\_pardl(). hb\_parl() will no longer consider numeric

## non-zero values as true. [vszakats]

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Changed: Turn the order of LoadImage functions in a few C-modules.

## First we should try to load images from resources.

## Contributed by Francek Prijatelj <francek.prijatelj@siol.net>

## \* Updated: Portuguese language translation in h\_init.prg.

## Contributed by Marcelo A. L. Carli <malcarli@terra.com.br>.

## \* Updated: PropGrid library source code:

## - Changed: PROPERTYITEM LIST allows to add a new value to list.

## Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

## (see Changelog.txt in folder \Source\PropGrid and

## demo3.prg in folder \samples\Advanced\PropGrid)

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - updated for using SQLITE3 version 3.6.16

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 2.0.0beta2 (SVN 2009-07-08 16:58):

## \* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD):

## + added support for MySQL TIMESTAMP, DATETIME and TIME types.

## Contributed by Mindaugas Kavaliauskas (dbtopas/at/dbtopas.lt)

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

## \* Updated: HMGS-IDE v.0.8.9. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* New: 'Kaleidoscope - 3D' sample based upon an algorithm of Cliff.

## Contributed by S.Rathinagiri <srgiri@dataone.in>.

## Adapted for Minigui Extended by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\Kaleidoscope)

## \* New: 'Multi Richedit' sample. Contributed by Janusz Pora <januszpora@onet.eu>

## (see in folder \samples\Advanced\RicheditEx\_2)

## \* Updated: Samples for compatibility with a last Harbour changes.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## HMG 1.6 Extended Edition

## 2009/06/25: Build 69

## \* New: The Main menu supports an optional MRU menu item command now.

## Syntax:

## MRU[ITEM] [ <caption> ] ; // caption for empty MRU item

## [ <Ini: INI, FILENAME, FILE, DISK><cIniFile> ] ; // .INI to manipulate

## [ SECTION <cSection> ] ; // The name of the INI section

## [ <size: SIZE, ITEMS><nItems> ] ; // The number of MRU items to manage

## [ ACTION MsgInfo( cMruItem ) ] ; // cMruItem is automatically provided

## [ NAME <name> ] // The name of MRU items (default is "MRU\_#")

## Additional functions:

## - AddMRUItem(<NewItem>, "OnClickFunc(Item)")

## - AddMenuElement(<NewItem>, "OnClickFunc(Item)")

## - SaveMRUFileList()

## - ClearMRUList()

## Based upon a contribution by Janusz Pora <januszpora@onet.eu>

## (see demos in folder \samples\Advanced\MRU)

## \* Fixed: GetBox control allows to erase "-" sign in numeric value when control is re-edited.

## Contributed by Jacek Kubica <kubica@wssk.wroc.pl>

## \* Changed: The function \_dummy() is defined as pseudo-function now.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Enhanced: The GRID control supports an optional CHECKBOXES clause:

## - New: Read/Write property CheckboxItem

## You can set/get this property at runtime:

## - function syntax:

## SetProperty ( Form, Control, 'CheckboxItem', nItem, lState )

## GetProperty ( Form, Control, 'CheckboxItem', nItem )

## - pseudo-OOP syntax:

## Form.Grid.CheckboxItem( nItem ) := lState

## Form.Grid.CheckboxItem( nItem ) --> lState

## Contributed by Eduardo Fernandes <modalsist@yahoo.com.br>

## (see demo in folder \samples\Basic\CheckBox\_Grid)

## \* Enhanced: The function WindowsVersion() detects now a Windows 7 (seven).

## Borrowed from Harbour 2.0 distribution.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

## - Fixed: Usage of function ComboWBlock( oBrowse, "Code", nColumn, { aItems, aCode } ).

## Bug was reported by Carlos <arcjv@yahoo.com.ar>.

## Contributed by Janusz Pora <januszpora@onet.eu>

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - updated for using SQLITE3 version 3.6.15

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - Fixed: Save EMF images to local path.

## Based upon a contribution by Ivanil Marcelino <ivanil@linkbr.com.br>.

## \* Updated: Synchronized an Extended HMG with an Official HMG 2.9.2:

## - New: Property style synonyms for the following DEFINE WINDOW command clauses:

## - Row (At Clause)

## - Col (At Clause)

## - WindowType (Main/Mdi/Modal/Child/SplitChild Clauses)

## (see demo in folder \samples\Basic\HELLO\_WORLD).

## The following synonyms for alternate syntax were added:

## - ALIGNMENT (CENTERALIGN,RIGHTALIGN);

## - DATATYPE (NUMERIC,CHARACTER,DATE);

## - CASECONVERT (UPPERCASE,LOWERCASE);

## - TICKMARKS (NOTICKS).

## \* Updated: Harbour Compiler 2.0.0beta1 (SVN 2009-06-18 14:21):

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3)

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

## \* Updated: HMGS-IDE v.0.8.8. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* Updated: 'Http Get' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Basic\HttpGet)

## \* Updated: 'Combined Search Box' sample.

## Problem was reported by Alen Uzelac <solvox@bbm.hr>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo2.prg in folder \samples\Advanced\CombinedSearchBox)

## \* Updated: 'Grid Print' user component interface (UCI) sample:

## - Fixed: Show window command error

## - Fixed: When columns are summed up, column width is not calculated according to

## the total. Now, total is within the column width.

## - Changed: When column sum is used, number mask passed on is used for the whole column

## to be printed to make the column look uniform.

## - New: "Reset Form" button is added to reset the report configuration saved

## in the config file reports.cfg.

## Contributed by S.Rathinagiri <srgiri@dataone.in>

## (see in folder \samples\Advanced\GridPrint)

## \* Updated: 'Transparent Form' samples. Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demos in folder \samples\Advanced\Transparency)

## \* Updated: 'DBFview v.0.78' sample. Problem was reported by Petr Chornyj <myorg63@mail.ru>

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Applications\DBFview)

## HMG 1.6 Extended Edition

## 2009/06/02: Build 68b

## \* Fixed: The wrong first item's message of StatusBar at the Popup menu selection

## (introduced in the build 68).

## Reported by Vianei Moreira de Lemos <vianeimoreira@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: Code cleaning for compatibility with Pelles C.

## Suggested by Eduardo Fernandes <modalsist@yahoo.com.br>

## \* Updated: Harbour Compiler 1.1.0dev (SVN 2009-06-01 19:56).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

## \* Updated: HMGS-IDE v.0.8.7. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* Updated: 'Grid Print' user component interface (UCI) sample.

## Contributed by S.Rathinagiri <srgiri@dataone.in>

## (see in folder \samples\Advanced\GridPrint)

## \* Updated: 'PrintRAW' sample for compatibility with Harbour 1.1.0 function At() changes.

## Problem was reported by Luiz Escobar <escobar@megasistema.com.br>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\PrintRAW)

## \* Updated: 'Windows Errors' sample. Contributed by Christian T. Kurowski <xharbour@wp.pl>

## (see in folder \samples\Advanced\WinErrors)

## HMG 1.6 Extended Edition

## 2009/05/29: Build 68a

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - Fixed: Print Preview. 'go to page' window not refresh preview window at Vista.

## Borrowed from an Official HMG 2.9.2.

## \* Updated: Harbour Compiler 1.1.0dev (SVN 2009-05-29 11:04):

## \* Updated: HbODBC library source code (see in folder \Source\HbODBC).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

## \* Updated: HMGS-IDE v.0.8.6. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* Updated: The samples for compatibility with Harbour 1.1.0 function At() changes.

## Problem was reported by Luiz Escobar <escobar@megasistema.com.br>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demos in the following folders:

## - \samples\Basic\HYPERLINK;

## - \samples\Advanced\AnimatedGif;

## - \samples\Advanced\Decompiler;

## - \Utils\Project\_Analyzer)

## HMG 1.6 Extended Edition

## 2009/05/28: Build 68

## \* Fixed: Screen Saver: Getting of registry key mistake at 'On Exit' event on WinXP.

## Bug was reported by Eduardo Freni <eduardofreni@gmail.com>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Enhanced: The POPUP menu supports an optional IMAGE clause now.

## You can set/change the font of POPUP menu at runtime by function:

## \_SetMenuItemFont( PopupName , FormName , GetFontHandle(FontName) )

## Suggested by Anibal Villalobos Guillen <anibalgvillalobosg@yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - updated for using SQLITE3 version 3.6.14.2

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

## \* Updated: HBPrinter library (see source in folder \source\HbPrinter):

## - Changed: Default filename at saving preview uses name of print job

## in 'Start Doc' command instead of a "page".

## Suggested by Jose Miguel <josemisu@yahoo.com.ar>

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: Harbour Compiler 1.1.0dev (SVN 2009-05-27 05:34):

## \* Updated: MySql library source code (see in folder \Source\MySql);

## \* Updated: HbODBC library source code (see in folder \Source\HbODBC).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

## \* Updated: HMGS-IDE v.0.8.5. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* New: 'Debug Array' sample for inspecting a mono- or 2nd-dimensional arrays.

## Based upon a contribution by Eduardo Freni <eduardofreni@gmail.com>

## (see in folder \samples\Basic\DebugArray)

## \* New: 'Print Job' sample. Based upon a contribution by Brazil HMG user.

## (see demo2.prg in folder \samples\Basic\PRINT)

## \* New: 'Printing an invoice with the mask created in Writer of OpenOffice' sample.

## Based upon a contribution by Jose Miguel <josemisu@yahoo.com.ar>

## (see demo2.prg in folder \samples\Basic\FACTURA)

## \* Updated: 'HBprint\_List v.1.2' sample.

## Based upon a contribution by Jose Miguel <josemisu@yahoo.com.ar>

## (see in folder \samples\Basic\print\_List)

## \* Updated: MPM utility for compatibility with Harbour 1.1.0 changes.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \Utils\MPM)

## \* Updated: 'Grid Print' user component interface (UCI) sample:

## - New: Command syntax:

## PRINT GRID <GridName> OF <ParentName>

## [ FONT <cFontName> ]

## [ SIZE <nFontSize> ]

## [ ORIENTATION <cOrientation> ]

## [ HEADERS <aHeaders> ]

## [ SHOWWINDOW ]

## [ MERGEHEADERS <aMergeHeaders> ]

## [ COLUMNSUM <aColumnSum> ]

## - New: Language translation support.

## Contributed by S.Rathinagiri <srgiri@dataone.in>

## (see in folder \samples\Advanced\GridPrint)

## \* Updated: 'FileMan v.0.50' sample:

## - New: Show properties of the file/folder by Alt+Enter hotkey.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\FileMan)

## \* Updated: 'DBFview' sample resource issues (introduced in the build 65).

## Problem was reported by Luiz Escobar <escobar@megasistema.com.br>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Applications\DBFview)

## HMG 1.6 Extended Edition

## 2009/05/14: Build 67

## \* Fixed: Middle mouse button scrolling in the Slider control do not execute 'On Change' procedure.

## It exists in official version too.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\Slider)

## \* Enhanced: The windows can be centered relative to the parent window:

## - New: SET CENTERWINDOW RELATIVE PARENT | DESKTOP command.

## Based upon a contribution by Eduardo Fernandes <modalsist@yahoo.com.br>

## (see demo in folder \samples\Basic\Statusbar)

## \* Enhanced: The MdiChild window supports an optional MouseMove event now.

## Requested by Anibal Villalobos Guillen <anibalgvillalobosg@yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: Synchronized an Extended HMG with an Official HMG 2.8.9-2.9.1:

## - Fixed: Programmatic change not execute OnChange procedure for the following controls:

## - ComboBox

## - Slider

## - ListBox

## - Edit

## - DatePicker

## - TimePicker

## - RadioGroup

## - MonthCalendar

## These changes are guarded by SET PROGRAMMATICCHANGE ON | OFF command

## for backward compatibility with old code.

## - Fixed: 'Value' property. From this version, programmatic changes to

## this property only occurs when new value is different from previous one.

## - Fixed: Focus problem with editable Grid in CHILD windows. Reported by Sudip.

## - Changed: Celled Grid Control behaviour. Up and Down arrows allows to

## exit cell edit mode accepting the value. Exiting cell edit mode with

## [Enter] will move selected cell cursor to right.

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - updated for using SQLITE3 version 3.6.14

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 1.1.0dev (SVN 2009-05-12 09:25):

## \* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

## \* New: 'Print from DBF' sample. Contributed by Sudip Bhattacharyya <sudipb001@gmail.com>

## (see in folder \samples\Basic\PRINT)

## \* New: 'AutoFill in TextBox' sample. Contributed by Bicahi Esgici <esgici@gmail.com>

## (see in folder \samples\Advanced\AutoFill)

## \* New: 'Combined Search Box' sample. Contributed by Bicahi Esgici <esgici@gmail.com>

## (see in folder \samples\Advanced\CombinedSearchBox)

## \* Updated: 'Multiple Mail' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Applications\MultipleMail)

## \* Updated: 'RGB-Mixer' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Basic\RGBMixer)

## \* Updated: 'UPX shell' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Applications\UPXshell)

## HMG 1.6 Extended Edition

## 2009/04/29: Build 66

## \* Fixed: There isn't action on button click in the BTNTEXTBOX control from resources

## (introduced in the build 55). Contributed by Janusz Pora <januszpora@onet.eu>

## \* Fixed: Multiple execution of OnChange event at changing row and column by mouse click

## in the celled GRID control.

## Based upon a code borrowed from an Official HMG 2.8.6.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo2.prg in folder \samples\Basic\Grid\_7)

## \* Changed: MiniGUI error's handling function for reducing of the library size.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Enhanced: The BTNTEXTBOX control supports an optional DisableEdit clause now.

## Requested by Jozef Rudnicki <j\_rudnicki@wp.pl>.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo in folder \samples\Basic\BtnTextBox)

## \* Enhanced: Maintenance of BLINK property for Label control at runtime:

## - function syntax:

## SetProperty ( Form, Control, 'Blink', .T. )

## - pseudo-OOP syntax:

## Form.Label.Blink := .F.

## Requested by Pedro Chanis <drinol@yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\Blink)

## \* Updated: Cputype library for compatibility with a last Harbour changing.

## Contributed by Grigory Filatov <gfilatov@freemail.ru> (see in folder \Lib)

## \* Updated: Slovenian language translation in HBPrinter library.

## Contributed by Mitja Podgornik <yamamoto@rocketmail.com>.

## \* Updated: PropGrid library source code:

## - New: Clause DISABLEEDIT for item type COLOR, FONT, IMAGE, SIZE, ARRAY, FILE, FOLDER, USERFUN

## to execute get value by button function only.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see Changelog.txt in folder \Source\PropGrid and

## demo3.prg in folder \samples\Advanced\PropGrid)

## \* Updated: Harbour Compiler 1.1.0dev (SVN 2009-04-27 19:17):

## \* New: HaruPDF library source code (see in folder \Source\HaruPDF).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

## \* Updated: HMGS-IDE v.0.8.4. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* New: 'Resolution Adjustment' sample. Contributed by Christian T. Kurowski <xharbour@wp.pl>

## (see demo2.prg in folder \samples\Advanced\FitToDesktop)

## \* New: 'Haru PDF' sample is based upon the Haru Free PDF Library 2.0.8 from http://libharu.sourceforge.net.

## Contributed by Pierpaolo Martinello <pier.martinello [at] alice.it>

## (see in folder \samples\Advanced\HaruPDF)

## \* Updated: 'FDF Form Filler' sample. Contributed by Pierpaolo Martinello <pier.martinello [at] alice.it>

## (see in folder \samples\Advanced\FDF)

## \* Updated: EZTwain sample: EZTWAIN.DLL v1.19 2009.02.20 from http://www.dosadi.com.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\EZTWAIN)

## \* Updated: 'WAIT WINDOW' sample (see demos in folder \samples\Basic\WAIT\_WINDOW).

## Based upon a code borrowed from an Official HMG 2.8.8.

## HMG 1.6 Extended Edition

## 2009/04/15: Build 65

## \* Fixed: The problem with Switch value in the function \_GetBrowseFieldValue() at xHarbour compiler

## (introduced in the build 63). Reported by Mr. Winfax <fred@cocohost.com>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Enhanced: The GRID control supports an optional VALIDMESSAGES clause.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo5.prg in folder \samples\Basic\Grid\_3)

## \* Enhanced: The GRID control supports an optional CELLED / CELLNAVIGATION clause.

## The Value property is a two element array (row,column) for celled grid.

## Based upon a code borrowed from an Official HMG 2.8.2-2.8.3.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\Grid\_7)

## \* Enhanced: 'DynamicBackColor' and 'DynamicForeColor' Browse and Grid properties

## accepts the color arrays now also, being, this way, consistent with MiniGUI

## general color handling (for compatibility with Official HMG).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo2.prg in folder \samples\Basic\Grid)

## \* Enhanced: The MultiLine InputBox supports resizing now.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\InputBox)

## \* Updated: Synchronized an Extended HMG with an Official HMG 2.7.0-2.7.2:

## - Fixed: DRAW GRAPH (pie type) problem with low values (about 0%).

## - Changed: DRAW GRAPH (pie type) accepts bigger than 7 digits values

## now (Thanks to Esgici).

## - Enhanced: Grid Control: 'This.CellValue' is writable now, so, you can

## change the value of the cell being currently edited from inside 'Valid'

## cell procedure (see demo5.prg in folder \samples\Basic\Grid\_3).

## - New: DRAGITEMS property for LISTBOX control.

## This property allows to user to reorder items in a ListBox

## by dragging it (see demos in folder \samples\Basic\Listbox\_2).

## - New: 'System object' sample (see in folder \samples\Basic\CLIPBOARD).

## - New: 'WAIT WINDOW' sample (see demos in folder \samples\Basic\WAIT\_WINDOW).

## - Fixed: Mysql samples. Report and fix by Sudip (see demos in folder \samples\Basic\MYSQL).

## \* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

## - New: ADORDD support.

## Contributed by Janusz Pora <januszpora@onet.eu>

## \* Updated: Harbour Compiler 1.1.0dev (SVN 2009-04-14 10:52):

## \* Updated: AdoRDD library source code (see in folder \Source\AdoRDD).

## Contributed by Janusz Pora <januszpora@onet.eu>

## \* Updated: MySql library source code (see in folder \Source\HbMySql):

## - Renamed all functions to standard mysql equivalents.

## This move allows to use hbmysql and hbodbc in the same app.

## \* Updated: HbODBC library source code (see in folder \Source\HbODBC).

## \* Updated: HbOLE library source code (see in folder \Source\HbOLE).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

## \* Updated: HMGS-IDE v.0.8.3. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## \* Added support for sqlite\_exec() callback.

## Now the 3rd parameter is an optional callback that is invoked

## once for each row of any query results.

## \* Now we can pass name of logfile as third parameter of sqlite3\_trace(), sqlite3\_profile().

## + Added sqlite3\_set\_authorizer() - Compile-Time Authorization Callbacks.

## + Added sqlite3\_busy\_handler() - A Callback To Handle SQLITE\_BUSY Errors.

## + Added sqlite3\_progress\_handler() - Query Progress Callbacks.

## + Added sqlite3\_commit\_hook(), sqlite3\_rollback\_hook() - Commit And Rollback Notification Callbacks

## + Added sqlite3\_backup\_\*() API for backups purposes.

## + Added sqlite3\_initialize(), sqlite3\_shutdown(), sqlite3\_interrupt(),

## sqlite3\_status(), sqlite3\_db\_status(), sqlite3\_stmt\_status(),

## sqlite3\_sql(), sqlite3\_extended\_errcode(), sqlite3\_threadsafe(),

## sqlite3\_memory\_used(), sqlite3\_memory\_highwater().

## ! Fixed sqlite3\_table\_column\_metadata().

## - Temporary disabled sqlite3\_db\_handle().

## + Added samples for demonstration of new possibilities.

## Warning: The HbSQLite3 is incompatible with xHarbour compiler after these changes.

## Contributed by Petr Chornyj <myorg63@mail.ru>

## (see console demos in folder \samples\Advanced\SQLITE)

## - updated for using of newest SQLITE3 version 3.6.13

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* New: 'ADORDD' sample with using a TBROWSE control.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see in folder \samples\Basic\ADORDD\_4)

## \* New: 'Transactions in DBF' sample. Based upon a Table class of the Harbour contrib library xHb.

## Requested by Anibal Villalobos Guillen <anibalgvillalobosg@yahoo.com>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\Transactions)

## \* Updated: 'Charts ADO' sample for Win9X support.

## Requested by Alexey Gustow <gustow33[at]mail.ru>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Basic\Charts)

## \* Updated: 'MiniSql Basic' sample for compatibility with MySql library changes.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\MiniSql)

## \* Updated: 'MySql Database Driver' sample.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Advanced\MySqlDD)

## \* Updated: 'WMI Service usage' sample.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\WMI\_Service)

## HMG 1.6 Extended Edition

## 2009/03/18: Build 64

## \* Fixed: The problem in the function \_SetControlSizePos() - incorrect display

## position controls on form with virtual size and scrolled.

## Contributed by Adam Lubszczyk <adam\_l@poczta.onet.pl>

## \* Fixed: The problem with reference value in the C-function RegQueryValueExA()

## (introduced in the build 63).

## Reported by Pedro <drinol@yahoo.com>.

## \* Fixed: Registry class supports the numeric value as DWORD registry value.

## Based upon a code borrowed from the Harbour contrib library HbWin.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Applications\FloppyChecker)

## \* Changed: The correction of error handling in the functions for using of the registry class:

## - GetRegistryValue( nKey, cRegKey, cRegVar, cType )

## - SetRegistryValue( nKey, cRegKey, cRegVar, uVal )

## - DeleteRegistryVar( nKey, cRegKey, cRegVar )

## - DeleteRegistryKey( nKey, cRegKey, cSubKey )

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\REGISTRY)

## \* Changed: BROWSE edit in MDI child is always inplace without regarding about 'InPlace' value

## (Edit and Inplace properties has now the same meaning).

## (see demo in folder \samples\basic\mdi\_2)

## \* Changed: Lock's handling at the BROWSE editing/appending record in shared database.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see browse5.prg in folder \samples\Basic\BROWSE\_3)

## \* Enhanced: UNCOMPRESS command supports now an optional FILEMASK | FILEARRAY clause.

## Syntax:

## - UNCOMPRESS cArchive EXTRACTPATH ".\" FILEMASK "mask.\*"

## - UNCOMPRESS cArchive EXTRACTPATH ".\" FILEARRAY {"file1.ext","file2.ext"}

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo2.prg in folder \samples\Basic\Zip)

## \* Enhanced: The MessageBox functions supports now a message parameter of any type:

## - MsgInfo(5, 'It is a numeric value')

## - MsgInfo(Date(), 'Today')

## - MsgBox(Date() == ctod('03/18/2009'), 'It is a logical value')

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\MsgBox)

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - Fixed: collate issues at a few models of printers.

## Problem was reported by Fernando C.Salvador <fernando@olimporh.com.br>

## \* Updated: Harbour Compiler 1.1.0dev (SVN 2009-03-17 16:14):

## \* Updated: HbZipArc library source code (see in folder \Source\HbZipArc):

## - hb\_UnzipFile(): fixed <acFiles> behavior if the parameter is not passed

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

## \* Updated: HMGS-IDE v.0.8.2. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* Updated: ControlPos v.3.82 sample fixes:

## - Bad move control with mouse on TAB in new version HMG [by Walter Formigoni]

## - Bad work with controls with multiple handles like RADIOGROUP

## - Correct draw focus for resize/moveV/moveH on form with virtual size

## Contributed by Adam Lubszczyk <adam\_l@poczta.onet.pl>

## (see in folder \samples\Advanced\ControlPos\_3)

## \* Updated: 'Grid Print' user component interface (UCI) sample.

## Contributed by S.Rathinagiri <rathinagiri@sancharnet.in>

## (see in folder \samples\Advanced\GridPrint)

## \* Updated: 'WMI Service usage' sample.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\WMI\_Service)

## \* Updated: 'DBFview' sample for compatibility with xHarbour 1.2.0.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Applications\DBFview)

## \* Updated: 'Floppy Checker' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Applications\FloppyChecker)

## HMG 1.6 Extended Edition

## 2009/02/25: Build 63

## \* Fixed: C-code cleaning for warnings with MinGW32 (passed v.3.4.5 and 4.3.3):

## - the old internal [x]Harbour structures were replaced;

## - optimized C-functions GetDllVersion(), SetTabstop(), IsTabstop();

## - optimized C-functions in c\_cursor.c;

## - some C-variables declared patently as static.

## Warning: The HMG is incompatible with Harbour below 1.0 and xHarbour below 1.1

## after these changes.

## Based upon a code contributed by Petr Chornyj <myorg63@mail.ru>

## \* Fixed: The problem of RadioGroup control with BackColor clause in the colored Tab.

## Reported by Walter Formigoni <walter.formigoni@uol.com.br>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Fixed: Typo in the function \_SetPlayerSpeed(). It exists in official version too.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* New: Command DEFINE FOLDER. A Folder allows the user to define multiple pages

## for the same area of dialog box from resources and without using resources.

## Syntax:

## + Folder from Resources:

## DEFINE FOLDER <FolderName>

## [ OF| PARENT>< ParentWindowName > ]

## RESOURCE <res>

## [ CAPTION <cCaption> ]

## + Folder created from memory:

## DEFINE FOLDER < FolderName >

## [ OF| PARENT>< ParentWindowName > ]

## AT <nRow>,<nCol>

## [ WIDTH < nWidth > ]

## [ HEIGHT <nHeight> ]

## [ CAPTION <cCaption> ]

## + Folder Page (Dialog box) from resources:

## FOLDERPAGE <FolderName> RESOURCE <id>

## [ TITLE <cTitle> ]

## [ IMAGE <cImageName> ]

## + Folder Page (Dialog box) with Controls created in Memory:

## DEFINE FOLDERPAGE < FolderName > [ RESOURCE <id> ]

## [ TITLE <cTitle> ]

## [IMAGE <cImageName> ]

## ... Control Definitions...

## END FOLDERPAGE

## END FOLDER

## Contributed by Janusz Pora <soft\_design@poczta.onet.pl>

## (see demo in folder \samples\Basic\Folder)

## \* Enhanced: Windows supports now the TOPMOST property:

## - function syntax:

## SetProperty ( Form, 'TopMost', .T. )

## - pseudo-OOP syntax:

## Form.TopMost := .F.

## Requested by Ivanil Marcelino <ivanil@linkbr.com.br>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demos in folder \samples\Basic\REGIONS\_2 and

## demo in folder \samples\Applications\MultipleMail)

## \* Enhanced: Maintenance of Set BackColor property for Tab control at runtime:

## - function syntax:

## SetProperty ( Form, Control, 'BackColor', { n1 , n2 , n3 } )

## - pseudo-OOP syntax:

## Form.Tab.BackColor := { n1 , n2 , n3 }

## Requested by Walter Formigoni <walter.formigoni@uol.com.br>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Enhanced: Dropdown menu of toolbar button supports multistaged submenu now.

## Requested by Wanes Peres <wanesperes@...>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demo in folder \samples\Basic\TOOLBAR\_1)

## \* Enhanced: Browse control is ready for browsing and InPlace editing of FoxPro 8. files.

## New functions:

## + \_TypeEx() - for check type of field

## + \_GetBrowseFieldValue() - support for FoxPro 8. files

## + Modified \_BrowseInPlaceEdit is enabled only for aEnabledTypes:={"N","C","D","L","M"}.

## Based upon a code contributed by Andrej J. Sermjagin <super@freemail.hu>

## \* Enhanced: Browse control supports now an InPlace editing in fields of tables attached by

## Set Relation To command. Requested by Alexey L. Gustow <gustow33[at]mail.ru>.

## Based upon a code contributed by Petr Chornyj <myorg63@mail.ru>

## (see demo in folder \samples\Basic\Browse\_4)

## \* Updated: WinReport library (see source in folder \Source\WinReport).

## Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

## (see demo in folder \samples\Advanced\REPORT\_INTERPRETER and

## help file WinReport.chm in folder \Doc)

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - updated for using SQLITE3 version 3.6.11

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 1.1.0dev (SVN 2009-02-22 19:32):

## \* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.0.8.1. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* Updated: 'Browse scopes' sample with editing. Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Basic\Browse\_4)

## \* Updated: 'RMChart Dll usage' sample is based upon the RMChart.dll from http://www.rmchart.com.

## Based upon a code contributed by Antonio Carlos <acdornelas@bol.com.br>

## (see demo in folder \samples\Advanced\RMChart\_dll)

## \* Updated: 'DBFview' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Advanced\DBFview)

## \* Updated: 'Uptime' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Applications\UPTIME)

## HMG 1.6 Extended Edition

**2009/01/22: Build 62**

## \* Fixed: A huge code's cleaning for warnings of Harbour 1.1 and xHarbour 1.2 with flag -w3.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Changed: Internal maintenance of Modal dialogs.

## Contributed by Janusz Pora <januszpora@onet.eu>

## (see demo in folder \samples\Basic\Dialog)

## \* Updated: HBPrinter library v.2.17 (see source in folder \source\HbPrinter):

## - New: Slovenian language translation.

## Contributed by Mitja Podgornik <yamamoto@rocketmail.com>.

## - Fixed: Closing of Preview window under Vista (introduced in the build 60).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## - Fixed: GPF in the C-function RR\_DEVICECAPABILITIES() at some cases.

## Based upon a code borrowed from an OOHG.

## \* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

## - Updated: Slovenian language translation.

## Contributed by Mitja Podgornik <yamamoto@rocketmail.com>.

## - Fixed: assigned but unused variable.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

## - Fixed: update of the rows changes in the method PageUp();

## - Fixed: OnChange event was missed on top/bottom in the methods PageUp()/PageDown().

## Reported by Krzysztof Stankiewicz <ks@nsm.pl>.

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## \* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

## - updated for using SQLITE3 version 3.6.10

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

## \* Updated: Harbour Compiler 1.1.0dev (SVN 2009-01-21 10:43):

## - New: Added DBFNSX RDD by Przemyslaw Czerpak <druzus/at/priv.onet.pl>.

## - New: Added hbuddall library with all USR RDDS (ArrayRDD, Fcomma, LogRDD etc.).

## Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (look at ReadMe.txt in folder \harbour)

## \* Updated: HMGS-IDE v.0.7.9. Project Manager and Two-Way Visual Form Designer.

## Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

## (look at changelog.txt in folder \Ide)

## \* New: Description 'How to compile MySQL libraries for MySQL 5.1 version'.

## Contributed by Mitja Podgornik <yamamoto@rocketmail.com>

## (see ReadMe.txt in folder \Source\MySql)

## \* New: 'Harbour Decompiler Alpha 0.1' sample.

## The vartest.prg is a simple test to show how the program works

## for the actual translated OPCODE.

## This is a starting point for those who want to study the source code.

## Contributed by Arcangelo Molinaro <arcangelo.molinaro@fastwebnet.it>

## (see in folder \samples\Advanced\Decompiler)

## \* New: 'Browse select records' sample. Contributed by Russian user

## (see in folder \samples\Basic\Browse\_7)

## \* New: 'LogRDD Browse' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Basic\LogRdd)

## \* Updated: 'Timer' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

## (see in folder \samples\Basic\Timer)

## HMG 1.6 Extended Edition

**2008/12/22: Build 61**

\* New: The MAIN window have an optional NotifyIconDblClick event now.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\NOTIFYICON)

\* New: The Tab control supports an optional BackColor clause now.

Warning: the Frame inside Tab should have an Opaque property is set to ON

for proper work of the BackColor clause at the themed WinXP.

Requested by CAS <cas\_webnet@yahoo.com.br>.

Based upon a code contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(see demo in folder \samples\Applications\WBT)

\* Changed: The internal font managing supports now the setting alone fontname or fontsize

property for all controls at the alternative syntax.

Based upon a contribution by Walter Formigoni <walter.formigoni@uol.com.br>

\* Enhanced: OnHeadClick codeblock in Grid/Browse controls accepts the column index as parameter.

Suggested by Ivanil Marcelino <ivanil@linkbr.com.br>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\HeaderImage)

\* Updated: HbPrinter library - correction for Portuguese language translation.

Contributed by Jorge Ferreira <jorgefneto62@yahoo.com.br>

\* Updated: WinReport library (see source in folder \Source\WinReport).

Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

(see demo in folder \samples\Advanced\REPORT\_INTERPRETER and

help at WinReport.chm in folder \Doc)

\* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

- updated for using SQLITE3 version 3.6.7

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

\* Updated: Harbour Compiler 1.1.0dev (SVN 2008-12-20 09:36):

\* Updated: MySql library source code (see in folder \Source\MySql);

\* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at ReadMe.txt in folder \harbour)

\* Updated: HMGS-IDE v.0.7.8. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* New: 'Tray Player' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Applications\TRAY\_PLAYER)

\* New: 'Web Button Tool' sample.

Contributed by Roberto Sanchez <jrsancheze@gmail.com>

(see in folder \samples\Applications\WBT)

\* New: 'Reading of Exe file internal sections' sample.

Contributed by Arcangelo Molinaro <arcangelo.molinaro@fastwebnet.it>

(see in folder \samples\Advanced\READ\_SECTION)

\* Updated: 'Sort Grid Columns' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Basic\HeaderImage)

## HMG 1.6 Extended Edition

**2008/12/12: Build 60**

\* Fixed: Typo in the function DialogProc() (introduced in the build 57).

Bug was reported by Martin Waller <Martin.Waller@freenet.de>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\Dialog)

\* Fixed: Correction of initial value for lpstrDefExt buffer in the function C\_PUTFILE().

Bug was reported by Adam Lubszczyk <adam\_l@poczta.onet.pl>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folders \samples\Basic\GetFile and \samples\Basic\PutFile)

\* Enhanced: TsBrowse control respects the SET AUTOADJUST ON command now.

Requested by Marcelo Giovane da Silva <drmarcelogiovane@yahoo.com.br>

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Advanced\TSBrowse)

\* Changed: The internal functions \_GetNotifyIconName() and \_GetNotifyIconTooltip() are removed from the

header Include\i\_pseudofunc.ch. Problem was reported by Ivanil Marcelino <ivanilm@terra.com.br>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Updated: HBPrinter library v.2.15 (see source in folder \source\HbPrinter):

- Updated: Finnish language translation.

Contributed by Lars Holm <lasse@the-holms.org>

- New: internal method PrevClose for manage Preview window closing.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

- updated for using SQLITE3 version 3.6.6.2

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

\* Updated: Harbour Compiler 1.1.0dev (SVN 2008-12-08 16:30):

\* Updated: HbZipArc library source code:

- hb\_UnzipFile() to accept empty password like ""

(see in folder \Source\HbZipArc)

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at ReadMe.txt in folder \harbour)

\* Updated: HMGS-IDE v.0.7.7. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* Updated: 'Multilingual Interface' sample.

Contributed by Christian T. Kurowski <xharbour@wp.pl>

(see in folder \samples\Basic\Multilingual)

\* Updated: ControlPos v.3.60 sample:

- Snap to grid with mouse (You can set the grid incremental value);

- Saving to \*.FMG (\*.prg) can modify/add/del changed properties;

- Saving to FMG works with all syntax;

- Multi select controls by drag mouse with Right Button click;

- ControlPos can work with form with VIRTUAL size and scrolled.

Contributed by Adam Lubszczyk <adam\_l@poczta.onet.pl>

(see in folder \samples\Advanced\ControlPos\_3)

\* Updated: 'Clock Screen Saver' sample. Contributed by Walter H.Taverna <walhug@yahoo.com.ar>

(see in folder \samples\Advanced\CLOCK\_SAVER)

\* Updated: 'WMI Service usage' sample.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\WMI\_Service)

\* Updated: 'Uptime' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Applications\UPTIME)

## HMG 1.5 Extended Edition

**2008/11/14: Build 59**

\* New: SET AUTOADJUST ON | OFF command. When set to ON, the control's sizes and fontsize

are automatically adjusted on resize of form (default is OFF).

It is not operate for Mdi Child windows and Virtual Dimensioned window.

Based upon a code borrowed from an OOHG.

Requested by Alfredo Franceschetti <franz@valgraveglia.net>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\Color)

\* New: SET PROGRAMMATICCHANGE ON | OFF command. When set to ON, the programmatic changing of

control Value will be execute OnChange procedure for Tab and Checkbox (default is ON).

Requested by Adilson Urso <a.urso@uol.com.br>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Fixed: DATEPICKER/TIMEPICKER with 'Field' clause have a wrong initial Value property.

Problem was reported by Robin D. Cain from the HMG official forum.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\DATA\_BOUND)

\* Updated: Code cleaning for compatibility with Pelles C.

Contributed by Eduardo Fernandes <modalsist@yahoo.com.br>

\* Updated: HBPrinter library v.2.14 (see source in folder \source\HbPrinter):

- Fixed: GPF in the C-function RR\_DEVICECAPABILITIES() at some cases.

Reported by Jose Miguel <josemisu@yahoo.com.ar>.

Based upon a code contributed by V.Sadonin <sad@transbunker.ru>

- New: Command GET ESCAPE STATUS TO <status> for detect whether

the user has printed the document (after PREVIEW mode only)

Based upon a code contributed by Joe Fanucchi <drjoe@meditrax.com>

\* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

- updated for using SQLITE3 version 3.6.5

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

- Fixed: highlight of cell at the column's changes in the method GoPos().

Reported by Marcelo Giovane da Silva <drmarcelogiovane@yahoo.com.br>

\* Updated: Harbour Compiler 1.1.0dev (SVN 2008-11-12 23:28):

\* Updated: HbSqlDD library source code (see in folder \Source\HbSqlDD).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at ReadMe.txt in folder \harbour)

\* Updated: HMGS-IDE v.0.7.5. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* New: 'Google Directions' sample based upon a Google Maps service at http://maps.google.com.

Contributed by Roberto-CTBA <conexxus@yahoo.com.br>

(see in folder \samples\Advanced\GoogleDirections)

\* Updated: ButtonEx sample (multiline caption for standard buttons).

Contributed by Jacek Kubica <kubica@wssk.wroc.pl>

(see demo3.prg in folder \samples\Basic\Buttonex)

\* Updated: 'Ftp Client' sample based upon a TIP library.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(see in folder \samples\Advanced\FtpClient)

**HMG 1.5 Extended Edition**

**2008/10/30: Build 58**

\* New: Added Read/Write property Action for controls.

You can set/get this property at runtime:

- function syntax:

SetProperty ( Form, Control, 'Action', {|| MsgBox('New action')} )

GetProperty ( Form, Control, 'Action' ) --> bActionBlock

- pseudo-OOP syntax:

Form.Control.Action := {|| MsgBox('New action')}

Requested by Manfred Bergler <ecadata@gmail.com>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\Hello\_2)

\* New: 'MySQL Database Driver' library source code (see in folder \Source\HbSqlDD).

Based upon a contribution by Mindaugas Kavaliauskas <dbtopas/at/dbtopas.lt>

(see demo in folder \samples\Advanced\MySqlDD)

\* Enhanced: Browse\Grid controls - problem with alignment of first column (it was LEFT always).

Based upon a code borrowed from an OOHG.

Contributed by Jacek Kubica <kubica@wssk.wroc.pl>

\* Updated: Slovenian language translation in h\_init.prg.

Contributed by Mitja Podgornik <yamamoto@rocketmail.com>.

\* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

- updated for using SQLITE3 version 3.6.4

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

- Fixed: hidden columns handling in the methods GoHome(), GoLeft() and GoRight().

Based upon a contribution by Marcelo Giovane da Silva <drmarcelogiovane@yahoo.com.br>

\* Updated: Harbour Compiler 1.1.0dev (SVN 2008-10-29 19:06):

\* Updated: HbOLE library source code (see in folder \Source\HbOLE).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at ReadMe.txt in folder \harbour)

\* Updated: HMGS-IDE v.0.7.4. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* New: 'Paths' sample (demo functions for show system paths).

Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

(see in folder \samples\Basic\Paths)

\* New: 'DirTree' sample.

Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

(see in folder \samples\Advanced\DirTree)

\* New: ControlPos v.3.20 sample:

+ You can select, move and resize controls by mouse;

+ You can modify the same properties (font attribute, back color,

captions value and align) for same type controls (all selected by one step);

+ add dialog with options before saving.

Contributed by Adam Lubszczyk <adam\_l@poczta.onet.pl>

(see in folder \samples\Advanced\ControlPos\_3)

\* New: 'Hex Viewer' sample. Contributed by Bicahi Esgici <esgici@gmail.com>

(see in folder \samples\Advanced\HexView)

\* New: 'FDF Form Filler' sample. Contributed by Pierpaolo Martinello <pier@bmm.it>

(see in folder \samples\Advanced\FDF)

\* Updated: 'Timer' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Basic\Timer)

\* Updated: 'Google Maps' sample based upon a Google Maps service at http://maps.google.com.

Contribution by Adilson Urso <a.urso@uol.com.br>

(see in folder \samples\Advanced\GoogleMaps)

**HMG 1.5 Extended Edition**

**2008/10/13: Build 57e**

\* Fixed: Typo in the semi-oop for Value property of the Toolbar's Check Button

(introduced in the build 57d).

Problem was reported by Christian T. Kurowski <xharbour@wp.pl>

\* Updated: The batch files for compiling the samples:

- Basic;

- Advanced;

- Utils.

Contributed by Christian T. Kurowski <xharbour@wp.pl>

(see in folders \samples and \Utils)

\* Updated: Harbour Compiler 1.1.0dev (SVN 2008-10-11 20:54).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at ReadMe.txt in folder \harbour)

# HMG 1.5 Extended Edition

**2008/10/10: Build 57d**

\* Fixed: Mistakes in the semi-oop changes finally (introduced in the build 57).

Borrowed from the Official HMG 2.6.7. Reverted semi-oop changes

in the samples 'ODBC with Access', Watch and Modest.

\* Updated: Harbour Compiler 1.0.1 final version (Rev. 9429).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at ReadMe.txt in folder \harbour)

\* New: 'Dynamic ComboBox' sample. Contributed by Bicahi Esgici <esgici@gmail.com>

(see in folder \samples\Basic\DynamicCombo)

# HMG 1.5 Extended Edition

**2008/10/07: Build 57c**

\* Fixed: The row and col for containers (Tab, ToolBar and SplitBox) returns

now a zero value for backward compatibility with old code.

Requested by Valtecom Jose Martins <valtecom17@...>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Fixed: Internal maintenance of dialogs in memory (introduced in the build 57).

(see demo in folder \samples\Advanced\PropSheet)

\* Updated: MPM utility:

- added mpmbuild C-code version (the size of mpmbuild.exe is 8 kb now).

Contributed by Petr Chornyj <myorg63@mail.ru>

(see mpmbuild.c in folder \Utils\MPM)

# HMG 1.5 Extended Edition

**2008/10/06: Build 57b**

\* Fixed: Mistakes in the semi-oop changes (introduced in the build 57a).

Problem was reported by Luiz Escobar <escobar@megasistema.com.br>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Changed: Radiogroup contents will be cleaned now when to it appropriated a zero value.

Suggested by Marcelo Brigatti <mbrigatti@uol.com.br>.

(see demo.prg in folder \samples\Basic\RadioGroup)

\* Updated: HMGS-IDE v.0.7.2. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* Updated: 'ODBC with Access' sample for compatibility with last semi-oop changing.

Problem was reported by Luiz Escobar <escobar@megasistema.com.br>.

(see in folder \samples\Basic\ODBC\_2)

**HMG 1.5 Extended Edition**

**2008/10/03: Build 57a**

\* Fixed: Typo in the function SetHelpFile() (introduced in the build 57).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Changed: Optional semi-oop syntax for containers may be removed by

the remark for constant #define \_SOOP\_CONTAINERS\_ in the header file

include\minigui.ch if you want to keep the old semi-oop behaviour.

Requested by Valtecom Jose Martins <valtecom17@...>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Updated: Watch sample for compatibility with last semi-oop changing.

Problem was reported by Luiz Escobar <escobar@megasistema.com.br>.

(see in folder \samples\Basic\Watch)

\* Updated: Modest sample (database editor and documentor) for compatibility

with last semi-oop changing.

(see in folder \samples\Applications\Modest)

**HMG 1.5 Extended Edition**

**2008/09/30: Build 57**

\* Fixed: Program crash at the CheckButton 'OnChange' event with toggle action

(introduced in the build 56).

Reported by Krzysztof Stankiewicz <ks@nsm.pl>

(see demos in folder \samples\basic\BUTTON\_3)

\* Fixed: Wrong SplitChild/SplitBox window's refreshing at 'On Size' event

(introduced in the build 56).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Fixed: C-code cleaning for warnings with free BCC 5.82 from Turbo C++ Explorer at

http://cc.codegear.com/free/turbo.

Reported by Petr Chornyj <myorg63@mail.ru>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Fixed: C-code cleaning for correct compiling with Pelles C 4.50.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Fixed: Problems at the InterActive closing of the MDI child windows:

- typo in the function MdiEvents();

- added ON INTERACTIVECLOSE event for MDI child windows.

Reported by Manfred Bergler <ecadata@gmail.com>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\MDI\_3)

\* New: DEFINE WINDOW command supports now an optional clause PALETTE.

Contributed by Janusz Pora <januszpora@onet.eu>

(see demo in folder \samples\Basic\Palette)

\* Changed: HbZipArc library is excluded from compiling by xHarbour.

Problem was reported by Jozef Rudnicki <j\_rudnicki@wp.pl>

\* Changed: Internal maintenance of dialogs in memory.

Contributed by Janusz Pora <januszpora@onet.eu>

(see demo in folder \samples\Basic\Dialog)

\* Updated: Synchronized an Extended HMG with an Official HMG 2.6.5-2.6.6:

- Added: 'ReadOnly' semi-oop syntax for RadioGroup control.

(see demos in folder \samples\Basic\RadioGroup)

- Fixed: Semi-oop syntax for containers. Tab, ToolBar and SplitBox

child controls can be (optionally) referred as follows:

- ToolBar Buttons:

Window.ToolBar.Button

- Tab child controls:

Window.Tab(nPage).Control

- SplitBox child controls ('SplitBox' name is automatically assigned):

Window.SplitBox.Control

When a ToolBar is in a SplitBox, the syntax is as follows:

Window.SplitBox.ToolBar.Button

(see demos in folder \samples\Basic\CONTAINERS)

\* Updated: PropSheet library source code (see in folder \Source\PropSheet):

- New: Maintenance of controls defined in Property Sheet Page through Events

in classic method without defining the DIALOGPROC function.

- Changed: Actions defined at ON CANCEL and ON APPLY events be executed only for such page

on which were executed changes.

This library is dedicated to my daughter which in this week takes marriage.

Contributed by Janusz Pora <januszpora@onet.eu>

(see demo in folder \samples\Advanced\PropSheet)

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

- Fixed: when TBrowse control is disabled, the doubleclick action still works.

Reported by Adilson Urso <a.urso@uol.com.br>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Updated: Harbour Compiler 1.0.1 (SVN 2008-09-17 18:04):

\* Updated: MySql library source code (see in folder \Source\MySql).

Requested by Mitja Podgornik <yamamoto@rocketmail.com>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

\* Updated: HMGS-IDE v.0.7.1. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

- updated for using SQLITE3 version 3.6.3

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

\* Updated: MPMC utility. Problem was reported by Petr Chornyj <myorg63@mail.ru>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \Utils\MPMC)

\* New: 'Get DIR List' sample. Contributed by Bicahi Esgici <esgici@gmail.com>

(see in folder \samples\Basic\DirList)

\* New: 'Minimize/Maximize External Application' sample.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folder \samples\Advanced\ExternalApp)

\* Updated: 'Free Memory' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\FREE\_MEMORY)

\* Updated: 'Grid Print' user component interface (UCI) sample.

Contributed by S.Rathinagiri <rathinagiri@sancharnet.in>

(see in folder \samples\Advanced\GridPrint)

\* Updated: 'MySql Client' sample. Based upon a contribution by Mitja Podgornik <yamamoto@rocketmail.com>

(see in folder \samples\Advanced\MySqlClient)

\* Updated: 'Process Killer' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\PROCESS\_KILLER)

\* Updated: EZTwain sample: EZTWAIN.DLL v1.18 2008.07.10 from http://www.dosadi.com.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\EZTWAIN)

**HMG 1.5 Extended Edition**

**2008/09/09: Build 56**

\* Fixed: The TabPage Image problems in a Tab with only one page.

Bug was reported by Anibal Villalobos Guillen <anibalgvillalobosg@yahoo.com>

(see demo.prg in folder \samples\Basic\Tab)

\* Changed: The window's field is auto refreshed now at 'On Size' event.

Requested by Ryszard Rylko <rrylko@cirow.pl>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Changed: Windows Vista/Server 2008 detection to be exactly along MS recommendation.

Borrowed from Harbour 1.0 distribution.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Enhanced: The Tab control supports a readonly ItemCount property now.

Requested by Anibal Villalobos Guillen <anibalgvillalobosg@yahoo.com>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo.prg in folder \samples\Basic\Tab)

\* Enhanced: The Frame control supports now an optional INVISIBLE clause.

Requested by Anibal Villalobos Guillen <anibalgvillalobosg@yahoo.com>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Enhanced: COMPRESS command supports now an optional PASSWORD clause.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo2.prg in folder \samples\Basic\Zip)

\* Updated: Synchronized an Extended HMG with an Official HMG 2.6.1-2.6.4:

- Fixed: Programatic change to CheckBox control Value do no execute 'OnChange' procedure.

- Fixed: Programatic change to Tab control Value do no execute 'OnChange' procedure.

(see demo.prg in folder \samples\Basic\TAB)

- Fixed: Incorrect dimensions in Miniprint preview windows under Vista with 'Classic' theme.

- Fixed: 'Caption' property not working for ToolBar buttons.

(see demo in folder \samples\Basic\Toolbar)

\* Updated: PropSheet library source code (see in folder \Source\PropSheet):

- Fixed: The new internal code, adjusting the working Property Sheet in range of maintenance

of key OK/Apply and Cancel.

Contributed by Janusz Pora <januszpora@onet.eu>

(see demo in folder \samples\Advanced\PropSheet)

\* Updated: Harbour Compiler 1.0.1dev (SVN 2008-09-08 02:08):

\* New: HbZipArc library source code (see in folder \Source\HbZipArc)

(see demo2.prg in folder \samples\Basic\Zip)

\* Updated: HbOLE library source code (see in folder \Source\HbOLE).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

\* Updated: HMGS-IDE v.0.7.1. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

- updated for using SQLITE3 version 3.6.2

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

\* New: 'Grid Print' user component interface (UCI) sample.

Contributed by S.Rathinagiri <rathinagiri@sancharnet.in>

(see in folder \samples\Advanced\GridPrint)

\* Updated: 'GetBox Valid in Tab' sample for compatibility with last Tab changing.

(see in folder \samples\Basic\GetBoxValid)

\* Updated: 'Safety Scan' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Applications\SafetyScan)

**HMG 1.5 Extended Edition**

**2008/08/26: Build 55**

\* Fixed: The C-function GetWindowText() causes the program crash at WinXP.

Reported by Juan Castillo Arteaga <juan\_casarte@...>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Changed: The WinAPI constants from h\_events.prg are moved to header file i\_winuser.ch.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see i\_winuser.ch in folder Include\)

\* Changed: The public variables of ScreenSaver control are moved to \_HMG\_SCRSAVERDATA public array.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Changed: Implementation of the function CursorHand() at WinNT because IDC\_HAND is not available here.

You should to remove the remark for constant #define \_\_WINNT\_\_ in the source\c\_cursor.c

if you use the Windows NT.

Based upon a contribution by Pierpaolo Martinello <pier.martinello[at]alice.it>

\* Enhanced: Maintenance of controls defined in Dialog through Events in classic method without defining

at the DIALOGPROC function. Contributed by Janusz Pora <januszpora@onet.eu>

(see demo in folder \samples\Basic\Dialog\_2)

\* Enhanced: Maintenance of Set Item property for ComboBoxEx control at runtime:

- function syntax:

SetProperty ( Form, Control, 'Item', nItem, { nImage , cNewValue } )

- pseudo-OOP syntax:

Form.ComboBoxEx.Item( nItem ) := { nImage , cNewValue }

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folder \samples\Basic\Combo\_5)

\* Updated: Synchronized an Extended HMG with an Official HMG 2.5.4:

- Changed: Browse control behaviour when adding a new record and InputItems property is set.

- Fixed: Tab child controls paint problems under Vista 'Windows Classic' theme.

\* Updated: Synchronized an Extended HMG with an Official HMG 2.5.5-2.5.7:

- Added: 'DroppedWidth' synonym for 'ListWidth' property of ComboBox control.

- Added: 'OnDropDown' synonym for 'OnListDisplay' event of ComboBox control.

- Added: 'OnCloseUp' synonym for 'OnListClose' event of ComboBox control.

(see demo4.prg in folder \samples\Basic\Combo\_5)

- Added: 'HeaderImages' synonym for HeaderImage clause of Browse/Grid controls at altsyntax.

(see demos in folders \samples\Basic\Browse\_6 and \samples\Basic\Grid\_5)

- Enhanced: Header Images of Browse/Grid controls have a transparent look now.

(see demo in folder \samples\Basic\HeaderImage)

- Fixed: ActiveX control problems when used in tabs. Reported by Juan Rendon.

(see demos in folder \samples\Basic\ActiveX)

- Fixed: ToolButton error checking. Dropdown button must have an associated action, if not

(for no action dropdown) 'wholedropdown' style must be used instead.

- Enhanced: WholeDropdown ToolBar buttons shortcuts opens the menu now at Alt+<..> pressing.

(see demo in folder \samples\Basic\TOOLBAR\_1)

\* Updated: Synchronized an Extended HMG with an Official HMG 2.5.9-2.6.0:

- Fixed: Pressing [Esc] key in splitbox child EditBox, causes splitbox to close.

- New: 'Multiline' property for Button control. If .T. , it wraps

the text to multiple lines when the text is too long to fit on a single line.

- Fixed: Extended syntax for tab child controls

(see demo.prg in folder \samples\Basic\TAB)

\* Updated: The dynamic colors handling in Grid control is revised and synchronized with an Official HMG.

This.CellRowIndex, This.CellColIndex and This.CellValue variables are

available at codeblock evaluation of the dynamic colors.

Requested by Luis Vasquez <luisvasquezcl@yahoo.com>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folder \samples\basic\grid\_1)

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

- Fixed: the keychar mistakes in methods ::Del() and ::DeleteRow() when the tsbrowse is emptiness.

Based upon a contribution by Antonio Carlos da Silva <antoniocarlosconsultor@yahoo.com.br>

- Fixed: keep the position of record in the tsbrowse for open database with any pointer of record.

Contributed by Janusz Pora <januszpora@onet.eu>

- Fixed: control of column seeking feature by variable lSeek.

Reported by Ryszard Rylko <rrylko@cirow.pl>

- New: lNoChangeOrd var avoids changing active order by double clicking on headers.

Borrowed from TSBrowse 8.0 distribution.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Updated: Harbour Compiler 1.0.0 final version (SVN 2008-08-13 16:35):

\* Updated: HbOLE library source code (see in folder \Source\HbOLE);

\* Updated: HbODBC library source code (see in folder \Source\HbODBC).

Thanks to Harbour project team for that GREAT job!

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

\* Updated: HMGS-IDE v.0.6.9. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

- updated for using SQLITE3 version 3.6.1

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

\* New: 'SysLink Unicode' user component sample.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo2 in folder \samples\Basic\USER\_COMPONENTS)

\* New: 'Joint usage of FreeImage and SQLite3' sample.

This sample is required a library FreeImage.Dll from http://freeimage.sourceforge.net

Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

(see in folder \samples\Advanced\FreeImage)

\* Updated: 'MiniZip usage' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\Zip\_3)

\* Updated: 'Pop-Up Stopper' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Applications\POPUP\_STOPPER)

\* Updated: The Advanced samples are revised by the following command:

samples\CompileAllAdvanced.bat /e /s /es2

for removing of compiling warnings.

Suggested by Kevin Carmody <i@kevincarmody.com>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

**HMG 1.5 Extended Edition**

**2008/07/30: Build 54**

\* Fixed: Problems with negative decimal numbers and wrong positioning of the cursor at the

pressing of the key End in the GetBox control.

Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

(see demo in folder \samples\Basic\GetBox)

\* New: Bulgarian language translation in h\_init.prg and command SET LANGUAGE TO BULGARIAN.

Bulgarian language translations in the HbPrinter and MiniPrint libraries.

Contributed by Sasho Savov <savovs@gmail.com>

\* Updated: Synchronized an Extended HMG with an Official HMG 2.5.3:

- New: InputItems and DisplayItems properties for Browse control at InplaceEdit mode.

(see demos in folder \samples\Basic\Browse\_5)

\* Updated: HBPrinter library (see source in folder \source\HbPrinter):

- Fixed: divide by zero at the initialisation of the Preview window.

Reported by J.Rudnicki <J\_Rudnicki@wp.pl>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Updated: Harbour Compiler 1.0.0 (SVN 2008-07-30 03:31):

\* Updated: AdoRDD library source code (see in folder \Source\AdoRDD);

\* Updated: HbODBC library source code (see in folder \Source\HbODBC);

\* Updated: MySQL library source code (see in folder \Source\MySQL).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

\* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

- updated for using SQLITE3 version 3.6.0

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

\* New: '7-Zip interaction' sample.

This sample is required an installed 7-Zip archiver at http://www.7-zip.org.

Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

(see in folder \samples\Advanced\7-Zip)

\* New: 'ActiveX User Component' sample. Based upon a code borrowed from the Official HMG 2.5.3.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folder \samples\Basic\ActiveX)

\* New: 'Zip Component' sample. Based upon a code borrowed from the Official HMG 2.0.032.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\Zip\_2)

\* New: 'MiniZip usage' sample. Based upon a code borrowed from the Official HMG 2.5.3.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\Zip\_3)

\* New: 'Dynamic Context Menu' sample.

Contributed by Janusz Pora <januszpora@onet.eu>

(see menudemo5.prg in folder \samples\Basic\Menu)

\* Updated: 'MiniGUI Biorhythms' multilingual sample version 1.0.3.

Contributed by Christian T. Kurowski <xharbour@wp.pl>

(see in folder \samples\Applications\Biorhythm)

\* Updated: The Application's samples are revised by the following command:

samples\CompileAllApplications.bat /e /s /es2

for removing of compiling warnings.

Suggested by Kevin Carmody <i@kevincarmody.com>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

**HMG 1.5 Extended Edition**

**2008/07/07: Build 53a**

\* New: The Harbour GPF logging at the C-code mistake:

- Set( \_SET\_HBOUTLOGINFO [, <cValue>] ) -><cOldValue>

Default value: MiniGUIVersion() string

This user defined text will be included in the each error.log

messages. This way it's possible to include custom information

in these entries to help identify and locate them.

\* Updated: Harbour Compiler 1.0.0rc2 (SVN 2008-07-07 06:57):

\* Updated: HbODBC library source code (see in folder \Source\HbODBC);

\* Updated: MySQL library source code (see in folder \Source\MySQL).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

\* New: 'ODBC with Access' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

Based upon a code contributed to Spanish HMG forum.

(see in folder \samples\Basic\ODBC\_2)

\* New: 'AdoRDD-3 MySql Browse' sample. Borrowed from the Official HMG 2.0.032.

(see in folder \samples\Basic\ADORDD\_3)

\* Updated: 'MiniSql Basic' sample.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\MiniSql)

\* Updated: The Basic samples are revised by the following command:

samples\CompileAllBasic.bat /e /s /es2

and utilities 'Function List' and 'Project Analizer' are revised

by the following command:

utils\CompileAllUtils.bat /e /s /es2

for removing of compiling warnings.

Suggested by Kevin Carmody <i@kevincarmody.com>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

**HMG 1.5 Extended Edition**

**2008/06/25: Build 53**

\* Fixed: The ComboBox control have a wrong initial Value at the ItemSource clause

(introduced in the build 50).

Reported by Marcelo A. L. Carli <malcarli@terra.com.br>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folder \samples\Basic\COMBO\_2)

\* Fixed: Problem with Horizontal RadioGroup in the Virtual Dimensioned window.

It exists in official version too.

Reported by Rogerio L. Momente <momente\_34@yahoo.com.br>.

Based upon a contribution by Walter Formigoni <walter.formigoni@uol.com.br>

\* Fixed: Problem with calculation of Zero Position at the big negative values

in the Graph control.

Contributed by Eladio Bravo <eladibravo@yahoo.es>

\* Enhanced: Alternative syntax rule for NOTABSTOP clause.

Requested by Tolvaj Bertalan <ujproghu@freemail.hu>.

Contributed by Jacek Kubica <kubica@wssk.wroc.pl>

\* Changed: The internal function And(arg1,arg2) is replaced with the [x]Harbour function HB\_BitAnd().

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see i\_pseudofunc.ch in folder Include\)

\* Updated: PropGrid library source code:

- New: Clause SINGLEEXPAND to expanded item when it becomes selected and

to closed when it becomes unselected.

- New: Property item type 'userfun' to get value with any user function.

- New: Property item type 'list', like item 'enum' but with edit field and

adding a new value to combo list.

- New: Command TOGGLE, EXPAND and COLLAPSE CATEGORY

- New: Command ENABLE and DISABLE PROPERTYITEM

- New: Command REDRAW PROPERTYITEM

- New: Clause SUBITEM in command GET PROPERTYITEM for get value by Item type FONT

- Fixed: source code in range tested input data.

Contributed by Janusz Pora <januszpora@onet.eu>

(see Changelog.txt in folder \Source\PropGrid and

demo2.prg in folder \samples\Advanced\PropGrid)

\* Updated: HBPrinter library v.2.12 (see source in folder \source\HbPrinter):

- New: Command SET PREVIEW RECT MAXIMIZED.

- New: Command SET USER PAPERSIZE WIDTH <width> HEIGHT <height>.

Borrowed from HBPrinter v.3.01. Requested by Rene Koot <rene@plantenkennis.com>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Updated: WinReport library (see source in folder \Source\WinReport).

Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

(see demo in folder \samples\Advanced\REPORT\_INTERPRETER and

help at WinReport.chm in folder \Doc)

\* Updated: Harbour Compiler RC1 build (SVN 2008-06-24 07:00):

\* Updated: HbODBC library source code (see in folder \Source\HbODBC);

\* Updated: HbOLE library source code (see in folder \Source\HbOLE);

\* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3);

\* Updated: MySQL library source code (see in folder \Source\MySQL).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at ReadMe.txt in folder \harbour and WhatsNew.txt in folder \harbour\doc)

\* Updated: HMGS-IDE v.0.6.7. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

- updated for using SQLITE3 version 3.5.9

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

\* New: 'BrowseForFolder function' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\BrowseForFolder)

\* New: 'Property Grid Creator' sample. Contributed by Janusz Pora <januszpora@onet.eu>

(see in folder \samples\Advanced\PgCreator)

\* New: 'Charts ADO' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Basic\Charts)

\* New: 'Contactos ADO' sample. Based upon a contribution by MigSoft <fugaz\_cl@yahoo.es>

(see in folder \samples\Basic\CONTACTOS\_3)

\* Updated: 'Contactos' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Basic\CONTACTOS)

\* Updated: MsgArray sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Basic\MsgArray)

\* Updated: MsgEdit sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

Based on code contributed by Bingen Ugaldebere for Xailer.

(see in folder \samples\Basic\MsgEdit)

\* Updated: 'Multi Instance' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Basic\MULTI\_INSTANCE)

\* Updated: 'Browse scopes' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Basic\Browse\_4)

\* Updated: 'Display Mode' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\DisplayMode)

\* Updated: 'FreeImage Viewer' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

This sample is required a library FreeImage.Dll from http://freeimage.sourceforge.net

(see in folder \samples\Advanced\Freeview)

\* Updated: 'Transparent Form' samples. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folder \samples\Advanced\Transparency)

\* Updated: 'MiniGUI Biorhythms' multilingual sample version 1.0.2.

Contributed by Christian T. Kurowski <xharbour@wp.pl>

+ Updated: for compatibility with xHarbour.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Applications\Biorhythm)

\* Updated: MiniLabel sample. Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

(see demo in folder \samples\Advanced\MiniLabel)

**HMG 1.5 Extended Edition**

**2008/05/26: Build 52**

\* Fixed: The wrong SetFocus at ON ENTER event and Navigation Extended in the BUTTONEX control.

Reported by Vianei Moreira de Lemos <cpd@colegioabc.com.br>

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Changed: The public variables of TsBrowse control are moved to \_HMG\_SYSDATA array.

There is not needed a declaration the following vars on top of your program:

- \_HMG\_ActiveTBrowseName := ""

- \_HMG\_ActiveTBrowseHandle := 0

- \_HMG\_BeginTBrowseActive := .F.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Updated: PropGrid library source code:

- New: Clause SUBITEM by command GET PROPERTYITEM for get value of Item type SIZE

- New: Command ADD CATEGORY - to create a new Item type CATEGORY

- Fixed: Command GET PROPERTYITEM returns now a correct value for item types: COLOR, ARRAY, CHECK and SIZE

Contributed by Janusz Pora <januszpora@onet.eu>

\* Updated: WinReport library (see source in folder \Source\WinReport).

Contributed by Pierpaolo Martinello <pier.martinello[at]alice.it>

(see demo in folder \samples\Advanced\REPORT\_INTERPRETER and

help at WinReport.chm in folder \Doc)

\* Updated: MiniPrint library:

- New: resource names are defined as constants (look at Source\MiniPrint\hp\_images.ch)

- Changed: GetFolder() function is replaced with PutFile() at save pages.

Based upon a contribution by Ivanil Marcelino <ivanilm@terra.com.br>.

\* Updated: Socket library source code by Matteo Baccan <baccan@infomedia.it>:

- Fixed: when the attached binary file has ended with asc(26) character,

this character was missing after the decode of the received mail.

Problem was reported by Jaroslav Janik <jaroslav.janik@siemens.com>

(see tsmtp.prg in folder \Source\Socket)

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

- Fixed: Problem with variable lDrawFooters in the method LButtonDown.

Based upon a contribution by Ivanil Marcelino <ivanilm@terra.com.br>.

- Fixed: Problem with incremental seek of the value in the Numeric column.

- Fixed: Problem with processing PrevEdit block in the append mode for arrays.

Reported by Vianei Moreira de Lemos <cpd@colegioabc.com.br>

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Updated: Harbour Compiler Devel build (SVN 2008-05-22 19:00).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' and ReadMe.txt in folder \harbour)

\* Updated: HMGS-IDE v.0.6.5. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

- updated for using SQLITE3 version 3.5.8

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

\* Updated: MPMC utility typo for linking HbOle library.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in \Utils\MPMC)

\* New: 'Monitor Tester' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Applications\MonitorTester)

\* Updated: 'MiniGUI Biorhythms' multilingual sample.

Contributed by Christian T. Kurowski <xharbour@wp.pl>

(see in folder \samples\Applications\Biorhythm)

**HMG 1.5 Extended Edition**

**2008/04/25: Build 51**

\* Fixed: The missing On Change event at assigning a value property in Tab control.

It exists in official version too.

Reported by Adilson Urso <a.urso@uol.com.br>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Enhanced: The Tab control supports now an optional MULTILINE clause.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo2.prg in folder \samples\Basic\Tab)

\* Enhanced: The Grid control supports now an optional NOTABSTOP clause.

Requested by Walter Formigoni <walter.formigoni@uol.com.br>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Updated: WinReport library (see source in folder \Source\WinReport).

Contributed by Pierpaolo Martinello <Pier.martinello[at]alice.it>

(see demo in folder \samples\Advanced\REPORT\_INTERPRETER and

help at WinReport.chm in folder \Doc)

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

- Fixed: Problems with closing of database at exit in the append mode.

Reported by Russian user.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Updated: PropSheet library source code (see in folder \Source\PropSheet):

+ Added: an optional LITE clause at WIZARD mode

Property Sheet supports the all three modes: Modal, Modeless and Wizard -

according to RC as well as in memory.

Contributed by Janusz Pora <januszpora@onet.eu>

(see demo in folder \samples\Advanced\PropSheet)

\* Updated: Harbour Compiler Devel build (SVN 2008-04-23 09:46):

+ Updated: AdoRDD library source code (see in folder \Source\AdoRDD).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' and ReadMe.txt in folder \harbour)

\* Updated: HMGS-IDE v.0.6.3. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* New: 'MiniGUI Biorhythms' multilingual sample.

Contributed by Christian T. Kurowski <xharbour@wp.pl>

(see in folder \samples\Applications\Biorhythm)

\* Updated: 'TsBrowse Array' sample.

Problem was reported by Antonio Carlos <antoniocarlosconsultor@yahoo.com.br>

(see in folder \samples\Advanced\Tsb\_Array)

\* Updated: 'InterNet State Checker' sample.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\INET\_CHECKER)

\* Updated: 'JPG Viewer' sample. Contributed by Alexey L. Gustow <gustow33[at]mail.ru>

(see in folder \samples\Advanced\JpgViewer)

\* Updated: Macro variables in index1.prg of 'DataBase Utility'.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \Utils\DBU)

**HMG 1.5 Extended Edition**

**2008/03/31: Build 50a**

\* Enhanced: Added the following features to MakeLib\*.bat files:

- New: command line option /ML: Build library in MiniGui library folder.

- New: option for setting environmental variable:

If MG\_LBLD set to MINIGUI, then build library in MiniGui library folder.

- New: Added a check for HbODBC.lib, ODBC32.lib, HbOLE.lib, HbXML.lib, and

MySQL.lib: Do not build these libraries in xHarbour mode.

Contributed by Kevin Carmody <i@kevincarmody.com>

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

- Fixed: Problem in the method GoTop (introduced in the build 50).

Reported by Tomasz Witkowski <wtmsz@poczta.onet.pl>

- Fixed: Problem with UP key in the method UpStable.

Contributed by Alen Uzelac <solvox@bbm.hr>

- Fixed: missing alias name at database management functions.

Suggested by Mel Smith <syntel@shaw.ca>

\* Updated: Harbour Compiler Devel build (SVN 2008-03-26 16:54).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' and ReadMe.txt in folder \harbour)

\* Updated: 'Incremental search' sample for Browse and Grid controls.

Contributed by Russian user

(see in folder \samples\Basic\IncrementalSearch)

**HMG 1.5 Extended Edition**

**2008/03/24: Build 50**

\* Fixed: Problem with HeaderImage clause in Browse control together with the Image clause.

Reported by Rene Koot <rene@plantenkennis.com>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Fixed: The random menuitem's action errors at the main menu with a big amount of items.

Reported by Honorio A. S. Almeida <info2000informa@ig.com.br>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Changed: The internal function Random(nLimit) uses the Harbour function HB\_RandomInt() now.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Enhanced: The ComboBox control restores an original Value at the Refresh method now

similar to the Refresh methods in the others controls.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folder \samples\Basic\COMBO\_2)

\* New: The batch file for compiling the all Minigui utilities.

Contributed by Christian T. Kurowski <xharbour@wp.pl>

(see in folder \Utils)

\* New: PropSheet library source code (see in folder \Source\PropSheet):

+ New: DEFINE PROPSHEET .. AT .. [ MODAL | WIZARD ] command

+ New: [ DEFINE ] SHEETPAGE <Name> [ RESOURCE <id> ] command

Property Sheet is not yet fully finished.

Contributed by Janusz Pora <januszpora@onet.eu>

(see demo in folder \samples\Advanced\PropSheet)

\* Updated: Harbour Compiler Devel build (SVN 2008-03-13 11:14).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' and ReadMe.txt in folder \harbour)

\* Updated: HMGS-IDE v.0.6.0. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

- updated for using SQLITE3 version 3.5.7

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

Fixed: Problem with initialize the Array browse (set columns properties) with empty data aArray.

Contributed by Janusz Pora <januszpora@onet.eu>

New: 'one to more' and 'more to one' samples.

Contributed by Pierpaolo Martinello <Pier.martinello[at]alice.it>

(see demo at folder \samples\Advanced\TSBrowse)

\* New: 'Input Window Extended' sample.

Contributed by Jozef Rudnicki <j\_rudnicki@wp.pl>

(see demo in folder \samples\Advanced\InputWindowEx)

\* New: 'OEM Info Manager' sample.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Applications\OEM\_Info\_Manager)

**HMG 1.4 Extended Edition**

**2008/02/29: Build 49**

\* Fixed: Memory leak in the C-function loadolepicture().

It exists in official version too.

Reported by Ismael Peres <ismael\_peres@yahoo.com.br>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Advanced\AnimatedGif)

\* Fixed: Typo in manage of the Browse's Delete property (introduced in the build 48).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Fixed: Typo in initialisation of the Browse/Grid's Justify property.

It exists in official version too.

Problem was reported by Russian user.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Fixed: Hyperlink control had a problem with launching the URL which contain

the specified HTM page at Win98.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Changed: The Browse supports a right mouse click similar to left click action

without SET CONTEXT MENU OFF command also.

Requested by Pawel Uchman <p\_uchman@poczta.onet.pl>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see Browse1.prg in folder \samples\Basic\Browse\_1)

\* Changed: The function Events() was allocated to separate file h\_events.prg.

Suggested by Petr Chornyj <myorg63@mail.ru>

\* Enhanced: Added 'BLINK' clause (optional) for LABEL control.

Requested by Alfredo Franceschetti <franz@valgraveglia.net>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\Label\_2)

\* Enhanced: Slovak and Hungarian language translations in h\_init.prg.

- SLOVAK Language support (updated Harbour lang library)

- SET LANGUAGE TO SLOVAK command

- SET CODEPAGE TO SLOVAK command

- SET LANGUAGE TO HUNGARIAN command

- SET CODEPAGE TO HUNGARIAN command

Contributed by Gyula Bartal <bartal@tauris-danubius.sk>

\* Updated: PropGrid library source code:

- New: Header for Colums (optional) with resizable column width and action doubleclick:

- Column 1: Collapse/Expand Property grid

- Column 2: Hide/Show Info window

- New: Property folder with action GetFolder.

Contributed by Janusz Pora <januszpora@onet.eu>

(see Changelog.txt in folder \Source\PropGrid and

demo2.prg in folder \samples\Advanced\PropGrid)

\* Updated: WinReport library (see source in folder \Source\WinReport).

Contributed by Pierpaolo Martinello <Pier.martinello[at]alice.it>

(look at WinReport.chm in folder \Doc)

\* Updated: HBPrinter library v.2.10 (see source in folder \source\HbPrinter):

- Changed: The dialog 'Select Printer' have a parent window hwndOwner now

- Changed: Redesigned toolbar of Preview window

- Changed: Language resources are moved from RESOURCES\hbprinter.rc to file WINPRINT.PRG

- New: Russian language translation

- New: Ukrainian language translation

Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

- New: Czech language translation

- New: Slovak language translation

- New: Hungarian language translation

Contributed by Gyula Bartal <bartal@tauris-danubius.sk>

\* Updated: MiniPrint library (see source in folder \Source\MiniPrint):

- New: Ukrainian language translation

Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

- New: Slovak language translation

- New: Hungarian language translation

Contributed by Gyula Bartal <bartal@tauris-danubius.sk>

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

- Changed: Language resources respects the constant \_MULTILINGUAL\_.

Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

\* Updated: Harbour Compiler Devel build (SVN 2008-02-22 03:42):

\* Updated: HbOLE library source code (see in folder \Source\HbOLE)

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' and ReadMe.txt in folder \harbour)

\* Updated: HMGS-IDE v.0.5.7. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

- updated for using SQLITE3.DLL version 3.5.6

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folders \samples\Advanced\SQLITE and \samples\Advanced\SQLITE\_2)

\* New: 'Incremental search' sample for Browse and Grid controls.

Contributed by Russian user

(see in folder \samples\Basic\IncrementalSearch)

\* New: 'Analog Watch' sample. Contributed by Christian T. Kurowski <xharbour@wp.pl>

(see in folder \samples\Basic\Watch\_2)

\* New: 'WMI Service usage' sample is based upon the wbemdisp.dll at folder

%SystemRoot%\System32\Wbem in WinNT/2k/XP or %WinDir%\System\Wbem in Windows 9x/Me.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\WMI\_Service)

\* New: Modest sample (database editor and documentor).

Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

(see in folder \samples\Applications\Modest)

\* Updated: DualBrowse sample by Joe Fanucchi <drjoe@meditrax.com>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Basic\DualBrowse)

\* Updated: HyperLink sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Basic\HYPERLINK)

\* Updated: Watch sample issues at WinXP. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Basic\Watch)

\* Updated: 'Clock Screen Saver' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\CLOCK\_SAVER)

\* Updated: EZTwain sample: EZTWAIN.DLL v1.16 2007.03.15 from http://www.dosadi.com.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\EZTWAIN)

**HMG 1.4 Extended Edition**

**2008/02/01: Build 48**

\* Fixed: C-code cleaning for warnings with BCC.

Reported by Eduardo Fernandes <modalsist@yahoo.com.br>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Fixed: C-code cleaning for warnings with Pelles C.

Contributed by Eduardo Fernandes <modalsist@yahoo.com.br>

\* Fixed: The \_GetID() internal function (now it reserves Id less 2000 for static controls).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Changed: The error logging is reverted to behaviour of build 45.

Requested by many Minigui's users.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\ErrorLog)

\* Enhanced: The Grid and Browse controls supports an optional HEADERIMAGE clause:

- New: Read/Write property ImageHeader

You can set/get this property at runtime:

- function syntax:

SetProperty ( Form, Control, 'HeaderImage', nColumn, nImage [, lHeaderAlign] )

GetProperty ( Form, Control, 'HeaderImage', nImage )

- pseudo-OOP syntax:

Form.Grid.HeaderImage( nColumn ) := nImage

Form.Grid.HeaderImage( nColumn ) := { nImage , lHeaderAlign }

Form.Grid.HeaderImage( nImage ) --> cImageName

Based upon a contribution by Eduardo Fernandes <modalsist@yahoo.com.br>

(see demo in folder \samples\Basic\HeaderImage)

\* Enhanced: Address property of Hyperlink control can contain the file or folder name:

- ADDRESS GetCurrentFolder()+"\demo.prg" for open the file;

- ADDRESS "file:\\"+GetCurrentFolder() for open the current folder.

Based upon a contribution by Manfred Guettler <manfred\_guettler@yahoo.de>.

\* Enhanced: Browse control supports now an optional NOTABSTOP clause.

Contributed by Jozef Rudnicki <j\_rudnicki@wp.pl>

\* Enhanced: Modified the batch and make files for compatibility with xHarbour:

- Updated: SAMPLES\CompileAll.bat

SAMPLES\CompileAllAdvanced.bat

SAMPLES\CompileAllapplications.bat

SAMPLES\CompileAllBasic.bat

- Added:

SOURCE\MakeAllLibs.bat: Makes all librariess in folders under SOURCE.

These include Harbour libs and MiniGui libraries.

SOURCE\MakeAllHarbourLibs.bat: Makes all Harbour libraries in folders

under SOURCE. This does not include all Harbour libraries - just

the libraries that have source code under SOURCE.

SOURCE\MakeAllMiniGuiLibs.bat: Makes all MiniGui libraries.

- Modified:

SOURCE\AdoRDD\MakeLib.bat

SOURCE\CallDll\MakeLib.bat

SOURCE\Dll\MakeLib.bat

SOURCE\HbComm\MakeLib.bat

SOURCE\HbOLE\MakeLib.bat

SOURCE\HbPrinter\MakeLib.Bat

SOURCE\HbSQLite3\MakeLib.bat

SOURCE\HbXML\MakeLib.bat

SOURCE\MiniPrint\MakeLib.bat

SOURCE\shell32\MakeLib.bat

SOURCE\Socket\MakeLib.bat

SOURCE\TMsAgent\MakeLib.bat

- Modified the following files. These now use the xHarbour library folder

for generated xHarbour libraries, and use dll.lib in xHarbour mode.

BATCH\Compile.Bat

UTILS\MPM\mpm.prg

Contributed by Kevin Carmody <i@kevincarmody.com>

\* Updated: Synchronized an Extended HMG with an Official HMG 2.0.010:

- New: HMG User Components Support.

I've created a standard interface to allow HMG users to create

its own components (ie: new controls) without need to modify

HMG library itself.

HMG User Components Reference:

- InstallEventHandler ( <cEventHandlerFunctionName> )

Every time that an event is triggered by the system the specified

function will be called.

This function will receive the following parameters:

hWnd, nMsg, wParam, lParam

If your function process the message, it must return a not NIL

value. If not, it must return NIL.

- InstallMethodHandler( <cMethodName>, <cMethodHandlerProcName> )

Every time that specified method is called, your procedure will

be executed.

If your procedure process the method, you must set the user

process flag \_HMG\_UserComponentProcess to .T. If not, you must

set it to .F.

- InstallPropertyHandler( <cPropName>, <cSetFucName>, <cGetFuncName> )

When the specified property is set, <cSetFucName> is called

with all the original parameters

When the specified property is value retrieved <cGetFucName> is

called with all the original parameters.

In both cases if your functions process the property, you must

set the user process flag \_HMG\_UserComponentProcess to .T.

If not, you must set it to .F.

- Other Considerations:

If you've created components that requires #command directives

(ie. a control) you must add these definitions to i\_UsrInit.ch

file located at HMG's INCLUDE folder.

The definitions must include start and end markers that will be

used to allow the creation of automated installation and

maintenance procedures for components.

The format for start marker is:

#define BASEDEF\_<YourComponentTypeName>

The format for end marker is:

#undef BASEDEF\_<YourComponentTypeName>

If you've created methods or properties with new names (not

currently specified in i\_windows.ch, DECLARE WINDOW command

definition) you must add translation directives for them in

'i\_UsrSOOP.ch' file, located at HMG's INCLUDE folder.

The definitions must include start and end markers too and the

translation directives must follow special rules.

The format for start marker is:

#define SOOP\_<YourComponentTypeName> ;;

The format for translation directives for methods is:

#xtranslate <Window> . \<Control\> . MethodName => Domethod ( <"Window">, \<"Control"\> , "MethodName" ) ;;

The format for translation directives for properties is:

#xtranslate <Window> . \<Control\> . PropName => GetProperty ( <"Window">, \<"Control"\> , "PropName" ) ;;

#xtranslate <Window> . \<Control\> . PropName := \<v\> => SetProperty ( <"Window">, \<"Control"\> , "PropName" , \<v\> ) ;;

The format for end marker is:

#undef SOOP\_<YourComponentTypeName> ;;

(see demo in folder \samples\Basic\USER\_COMPONENTS)

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

- Fixed: Some definitions in TsBrowse.ch which are conflicted with WinPrint.ch.

- Changed: Loading and showing the array improvement.

- New: Clause TBtnBox for button in field of edition, the calling out the service of block bAction.

Activate by method SetBtnBox(nColumn, cBmp, bAction, nBmpSize).

(see demo at Menu TSBrowse->'Sample on Windows\Sample 4' by edit Column 5 in folder \samples\Advanced\TSBrowse)

- New: Adaptation Method SetSpinner() by class TBtnBox.

(see demo at Menu TSBrowse->'Sample on Windows\Sample 6' by edit Column 10 in folder \samples\Advanced\TSBrowse)

Contributed by Janusz Pora <januszpora@onet.eu>

\* Updated: Harbour Compiler Devel build (SVN 2008-01-29 01:00).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' and ReadMe.txt in folder \harbour)

\* Updated: HMGS-IDE v.0.5.6. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* New: 'CallDll32 function' samples. Borrowed from the Official HMG 2.0.

(see demos in folder \samples\Basic\CallDll)

\* New: 'Google Maps' sample based upon a Google Maps service at http://maps.google.com.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(see in folder \samples\Advanced\GoogleMaps)

\* New: 'Get Password' sample is based upon the CredUI.dll at WinXP.

Based upon a contribution by Petr Chornyj <myorg63@mail.ru>

(see demo in folder \samples\Advanced\GetPassword)

\* New: 'User-defined Printer Form module maintenance' sample.

Based upon a contribution by Arcangelo Molinaro <arcangelo.molinaro@fastwebnet.it>

(see in folder \samples\Advanced\UserPaperSize)

\* New: 'Get Adapters Info' sample. Based on code contributed by Xavi <jarabal@gmail.com> for Xailer.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Advanced\GetAdapters)

\* New: 'RMChart Dll usage' sample is based upon the RMChart.dll from http://www.rmchart.com.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Advanced\RMChart\_dll)

\* New: Cumple sample. Contributed by Jose Miguel <josemisu@yahoo.com.ar>

(see in folder \samples\Applications\Cumple)

\* Updated: 'Mouse Coords' sample.

Based upon a contribution by Krzysztof Stankiewicz <ks@nsm.pl>

(see demo2.prg in folder \samples\Basic\Mouse\_Coords)

\* Updated: 'Form Controls' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Basic\Form\_Controls)

\* Updated: EZTwain sample. Contributed by Joe Fanucchi <drjoe@meditrax.com>

(see in folder \samples\Advanced\EZTWAIN)

\* Updated: 'System ToolBox' sample.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\SYSTOOLBOX)

\* Updated: 'SQLite3 GUI' sample. Problem was reported for xHarbour compiler.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Advanced\SQLITE\_2)

**HMG 1.4 Extended Edition**

**2007/12/21: Build 47 Christmas Edition**

\* Fixed: MDI child's hotkeys handling at Browse control's cell editing.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\basic\mdi\_2)

\* Fixed: Possible mistake in function Events() at Charmask Textbox handling.

It exists in official version too.

Contributed by Kevin Carmody <i@kevincarmody.com>

\* Fixed: C-code cleaning for spare declarations with Pelles C.

Contributed by Eduardo Fernandes <modalsist@yahoo.com.br>

\* Fixed: MySQL C wrapper mysql.c has problems with BLOB type fields.

All fields are truncated after first occurence of NULL byte.

Reported by Mitja Podgornik <yamamoto@rocketmail.com>.

Contributed by Petr Chornyj <myorg63@mail.ru>

(see mysql.c in folder \Source\MySQL)

\* New: The batch files for compiling the all samples:

- Basic;

- Advanced;

- Applications.

Contributed by Christian T. Kurowski <xharbour@wp.pl>

(see in folder \samples)

\* Enhanced: The DEFINE WINDOW command supports an optional ON DROPFILES event now.

Syntax:

DEFINE WINDOW <Form> .. ON DROPFILES {|aFiles| TakeDrop(aFiles)},

where

function TakeDrop() will handle files dropped on window <Form>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Applications\MultipleMail)

\* Enhanced: The Browse control supports now the Undo operation by hotkey <Ctrl+U>

at INPLACE editing (usefully for date and logical types inasmuch as character

data have already own undo hotkey <Ctrl+Z>).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folder \samples\Basic\Browse\_1)

\* Enhanced: The Browse supports a right mouse click similar to left click action.

You should declare the SET CONTEXT MENU OFF command also.

Requested by Pawel Uchman <p\_uchman@poczta.onet.pl>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see Browse1.prg in folder \samples\Basic\Browse\_1)

\* Changed: The Menu items without Name clause will have the unique internal names.

Requested by Honorio A. S. Almeida <info2000informa@ig.com.br>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Changed: The ErrorLog files will have the unique names at each occuring.

This behaviour can be changed by own Error handling procedure.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\MyErrorFunc)

\* Updated: PropGrid library source code:

- Fixed: Function ArrayDlg() have a new parameter.

Reported J.Rudnicki <J\_Rudnicki@wp.pl>

- New: Clause VARNAME for save variable name in structure Property Grid

- New: Sample Demo2 representing method of maintenance of variables,

recorded in file \*.mem (Clipper) through Property Grid

Contributed by Janusz Pora <januszpora@onet.eu>

(see Changelog.txt in folder \Source\PropGrid and

demos in folder \samples\Advanced\PropGrid)

\* Updated: Harbour Compiler Devel build (SVN 2007-12-20 15:00).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' and ReadMe.txt in folder \harbour)

\* Updated: HMGS-IDE v.0.5.5. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* Updated: HbSQLite3 library source code (see in folder \Source\HbSQLite3):

- updated for xHarbour 1.0.0 compatibility;

- updated for SQLITE3.DLL version 3.5.4;

- apps can be used in Amalgamation mode (without SQLITE3.DLL);

- in Amalgamation mode available SQLITE\_ENABLE\_COLUMN\_METADATA by default,

receive an extended info about tables structure

(it isn't available at standard SQLITE3.DLL);

- open databases in Exclusive mode (through function sqlite\_open\_v2);

- possibility to work with BLOB data.

Contributed by Petr Chornyj <myorg63@mail.ru>

(see console demos in folder \samples\Advanced\SQLITE)

\* New: SQLite3 GUI sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Advanced\SQLITE\_2)

\* New: 'XMas Lights' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Applications\XMasLights)

\* New: 'Multiple Mail' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Applications\MultipleMail)

\* Updated: 'Menu' samples. Requested by Honorio A. S. Almeida <info2000informa@ig.com.br>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see menudemo3.prg in folder \samples\Basic\Menu)

\* Updated: ActiveX sample with Print feature.

Requested by Honorio A. S. Almeida <info2000informa@ig.com.br>.

Based upon a contribution by Miguel Angel Juarez A. <fugaz\_cl@yahoo.es>

(see demo in folder \samples\Advanced\ActiveX)

\* Updated: UnRar sample and HbUnrar library:

- Harbour code was converted partly to C for speed and memory consuming improvement;

- correct work with multi volume and password required archives.

Contributed by Petr Chornyj <myorg63@mail.ru>

(see demo in folder \samples\Advanced\UnRar)

**HMG 1.4 Extended Edition**

**2007/11/26: Build 46**

\* Fixed: The Listbox control lost the Value property at item's assigning.

It exists in official version too.

Problem was reported by V.Sadonin <sad@transbunker.ru>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folder \samples\Basic\Listbox)

\* Fixed: ON MOVE event procedure was being called before window controls were defined.

Contributed by Kevin Carmody <i@kevincarmody.com>

\* New: The method SaveAs( cBmpFile ) is available for windows and controls:

- pseudo-OOP syntax:

FormName.SaveAs( Bitmap )

FormName.ControlName.SaveAs( Bitmap )

- function syntax:

DoMethod ( FormName, 'SaveAs', Bitmap )

DoMethod ( FormName, ControlName, 'SaveAs', Bitmap )

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Advanced\BmpToJpg)

\* New: The declarations for all minigui defined functions/procedures.

Suggested by Petr Chornyj <myorg63@mail.ru>

(see mgextern.ch in folder \include)

\* New: The documentation for ProcInfo library.

Requested by Kevin Carmody <i@kevincarmody.com>

(see procinfo.txt in folder \samples\Advanced\PROCESS\_KILLER)

\* Enhanced: The Slider control supports ON SCROLL event now.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\Slider)

\* Enhanced: The EXECUTE FILE <File> WAIT command supports now an optional clauses:

- WHILE <while> : Code block which can be used to terminate executable before

it exits (must return a logical value).

- INTERVAL <msec> : Time interval (in milliseconds) to wait between

successive evaluations of <while>. Defaults to 2000 (2 sec).

Contributed by Kevin Carmody <i@kevincarmody.com>

\* Enhanced: Socket library source code by Matteo Baccan <baccan@infomedia.it>:

+ New: request a return receipt for your email (optional) in method

Send( IgnoreError, RequestReturnReceipt ) of the class TSMTP

Suggested by Pierpaolo Martinello <pier.martinello@alice.it>

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see tsmtp.prg in folder \Source\Socket)

\* Changed: The errors in the ErrorLog.htm will be shown in the reverted order

(similar to Doc\ChangeLog.txt).

Based upon a contribution by Walter Formigoni <walter.formigoni@uol.com.br>

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

- Fixed: Problem with processing bPrevEdit block at direct column input.

- Fixed: Problem with initial value at edition a cell via a ComboBox control.

- Changed: the internal edit controls have always an unique names.

Reported by Igor Shcherbak <i3te4j6@ukrpost.ua>.

Contributed by Janusz Pora <januszpora@onet.eu>

\* Updated: Harbour Compiler Devel build (SVN 2007-11-21 22:57):

\* New: HbODBC library source code (see in folder \Source\HbODBC)

(see demo in folder \samples\Basic\ODBC)

\* Updated: HbOLE library source code (see in folder \Source\HbOLE)

\* Updated: MySQL library source code (see in folder \Source\MySQL)

for compatibility with xHarbour 1.0.0

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' and ReadMe.txt in folder \harbour)

\* Updated: HMGS-IDE v.0.5.4. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* Updated: MPM and MPMC utils for compatibility with Batch\compile.bat:

- unneeded zlib1 library is removed from generated make script.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

- Changed: Sliders have been converted to tabs.

- New: A dependents tab has been added. For each source file, this tab

allows you to specify a list of files that that source file depends on

- New: The build process shows you the line number count during compiling

- New: A stop feature is intended to stop the build process

Contributed by Kevin Carmody <i@kevincarmody.com>

(see in \Utils\MPM and \Utils\MPMC)

\* Updated: 'DataBase Utility' for compatibility with xHarbour.

Problem was reported by Grzegorz Wojnarowski <wojnarowscy@poczta.onet.pl>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \Utils\DBU)

\* New: SQLite3 console sample and hbsqlite3 library.

Contributed by Petr Chornyj <myorg63@mail.ru>

(see demo in folder \samples\Advanced\SQLITE)

\* New: 'Console+GUI mixed mode' sample. Requested by Ravi Modi <ravimodi@yahoo.com>.

Based upon a contribution by Arcangelo Molinaro <arcangelo.molinaro@fastwebnet.it>

(see demo in folder \samples\Basic\MixedMode)

\* New: 'GetBox Valid in Tab' sample.

Contributed by Jack Daniels <jd10jd10@yahoo.com>

(see demo in folder \samples\Basic\GetBoxValid)

\* New: 'Ftp Client' sample based upon a TIP library.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(see demo in folder \samples\Advanced\FtpClient)

\* New: 'Shutdown Process' sample.

Based upon a contribution by Kevin Carmody <i@kevincarmody.com>

(see in folder \samples\Advanced\GoStop)

\* Updated: 'Edit command' samples.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Basic\Edit)

\* Updated: IpAddress samples for main and alternative syntax.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Basic\IPADDRESS)

\* Updated: 'NoAutoRelease Style' samples.

(see in folder \samples\Basic\NOAUTORELEASE)

\* Updated: OLE sample. Problem was reported by Krzysztof Stankiewicz <ks@nsm.pl>.

(see demo in folder \samples\Basic\OLE)

\* Updated: 'TextBox with Valid clause' sample.

(see demo in folder \samples\Basic\VALID)

\* Updated: ActiveX sample with IExplorer features.

Requested by Honorio <info2000informa@ig.com.br>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Advanced\ActiveX)

\* Updated: 'Mail With Blat' sample (using CallDll() function).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Advanced\BlatMail)

\* Updated: 'Transparent Form' sample.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo.prg in folder \samples\Advanced\Transparency)

\* Updated: 'Murphy's Laws' Screen Saver.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Applications\MURPHY\_SAVER)

**HMG 1.4 Extended Edition**

**2007/10/29: Build 45**

\* Fixed: The EDIT WORKAREA command did not work because of the missing

function NoArray() (introduced in the build 44).

Problem was reported by Alfredo Brizzi <alfbrizz@yahoo.it>.

\* Fixed: The built-in button(s) continues to work at the GetBox control

in ReadOnly mode. Problem was reported by Antonio Carlos da Silva

<antoniocarlosconsultor@yahoo.com.br>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Fixed: The GetBox control alternative syntax for ACTION2 and BUTTONWIDTH clauses.

Problem was reported by Pierpaolo Martinello <pier@bmm.it>.

Contributed by Jacek Kubica <kubica@wssk.wroc.pl>

\* Fixed: The 3-State CheckBox control did not accepted a NIL at start value.

Problem was reported by Antonio Carlos da Silva

<antoniocarlosconsultor@yahoo.com.br>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\CheckBox\_ThreeState)

\* Fixed: The TimePicker control did not accepted a font attributes at start.

Problem was reported by V.Sadonin <sad@transbunker.ru>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\datetime)

\* Updated: Harbour Compiler Devel build (SVN 2007-10-27 17:50).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' and ReadMe.txt in folder \harbour)

\* Updated: ZipArchive library was recompiled with Zlib 1.2.3 dated 18 July 2005:

- inflate is about 20% faster and minimizes memory allocation;

- crc32 is about 50% faster.

Contributed by Petr Chornyj <myorg63@mail.ru>

Remark: Unneeded zlib1 library is removed from Batch\Compile.Bat.

\* New: 'GDI Plus' sample shows saving Bitmap to JPEG, GIF, TIFF, PNG files.

Contributed by Petr Chornyj <myorg63@mail.ru>

(see demo in folder \samples\Advanced\GdiPlus)

\* New: 'RMChart' samples are based upon the ActiveX control RMChart.ocx.

These samples are required a setup.exe from http://www.rmchart.com.

Based upon a contribution by Marcelo Neves <msdn\_001@yahoo.com.br>

(see demos in folder \samples\Advanced\RMChart)

\* New: 'Pseudo DropDown Button' sample.

Contributed by Adam Lubszczyk <adam\_l@poczta.onet.pl>

(see demo in folder \samples\Basic\DropDown)

\* New: 'Zip and UnZip' sample.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\Zip)

\* Updated: EZTwain sample. Problem was reported by Antonio Carlos da Silva

<antoniocarlosconsultor@yahoo.com.br>

(see in folder \samples\Advanced\EZTWAIN)

\* Updated: 'Close All' sample.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Applications\CLOSEALL)

\* Updated: 'Screenshot Maker' sample for compatibility with xHarbour.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Applications\ScreenshotMaker)

\* Updated: 'Set Themes' sample toolbar with ButtonEx control.

Contributed by Jozef Rudnicki <j\_rudnicki@wp.pl>

(see demo in folder \samples\Advanced\SetThemes)

**HMG 1.4 Extended Edition**

**2007/10/15: Build 44**

\* Fixed: The control's On Change events are blocked in the MDI child windows

(introduced in the build 40).

Bug was reported by Anibal Villalobos Guillen <anibalgvillalobosg@yahoo.com>

(see demo in folder \samples\Basic\mdi)

\* Fixed: Mistake at INPUTMASK's point processing in the Numeric TextBox

(introduced in the build 43).

Reported by Honorio <info2000informa@ig.com.br>

(see demos in folder \samples\Basic\INPUTMASK)

\* New: The Min and Max window's properties can be reseted to default values by command

- RESET MINMAXINFO OF | WINDOW <WindowName> TO DEFAULT

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\MinMaxSize)

\* New: The useful functions for using of the registry class:

- IsRegistryKey( nKey, cRegKey )

- CreateRegistryKey( nKey, cRegKey )

- GetRegistryValue( nKey, cRegKey, cRegVar, cType )

- SetRegistryValue( nKey, cRegKey, cRegVar, uVal )

- DeleteRegistryVar( nKey, cRegKey, cRegVar )

- DeleteRegistryKey( nKey, cRegKey, cSubKey )

Contributed by Kevin Carmody <i@kevincarmody.com>

(see mpm.prg in folder \Utils\MPM)

\* Enhanced: The MessageBox functions supports now an optional parameter:

+ lTopMost - (L) if set to true when MB\_TOPMOST style is used

(default value is .t.)

Contributed by Kevin Carmody <i@kevincarmody.com>

(see mpm.prg in folder \Utils\MPM)

\* Changed: Unneeded MinWidth, MaxWidth, MinHeight, MaxHeight properties are removed

from SPLITCHILD window definition (introduced in the build 43).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Changed: The internal function \_CenterWindow() is restored (useful for overwriting).

Problem was reported by Arcangelo Molinaro <arcangelo.molinaro@fastwebnet.it>

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Changed: All C-modules are formatted according to Harbour coding standards by

G[reat]C[ode] formatter version 1.140 (author - Christophe Beaudet):

- MiniGUI library

- TSBrowse library

- PropGrid library

Suggested by Petr Chornyj <myorg63@mail.ru>.

\* Changed: The 'Code ReIndent', 'Function List' and 'Project Analizer' projects are moved

to folder MiniGUI\Utils\.

The finished programs are moved to folder \samples\Applications.

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

- Fixed: Resizing and moving of columns are blocked at defined column's header

left click codeblok bHLClicked.

- Enhanced: method LDblClick respects the user's codeblok bLDblClick

at column's header double click.

Contributed by Oleg Krutoff <krutoff@mail.ru>

- Enhanced: Command IMAGE defines list BMP in similar method how in GRID and

put into any column through setting Grid1:aColumns[ nColumn ]:lBitMap := .t.

- New: METHOD SetColumn( oColumn, nCol ) sets or add a new column in specyfied position.

- New: METHOD AddItem( aItem ) adds to table a new row.

- Enhanced: New parameter lAll in Method DeleteRow() allows to delete from table the all positions.

- Enhanced: DblClick method moves cursor for Selected records.

- New: add bArraySort for Custom sortArray.

- Fixed: Method SortArray is supported for selected rows.

Contributed by Janusz Pora <januszpora@onet.eu>

(see demo at Menu TSBrowse->'Grid form' in folder \samples\Advanced\TSBrowse)

\* Updated: Harbour Compiler Devel build (SVN 2007-10-13 12:48):

\* New: xHb and Tip libraries (see in folder \Harbour\Lib)

\* Updated: HbOLE library source code (see in folder \Source\HbOLE)

\* Updated: MySQL library source code (see in folder \Source\MySQL)

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' and ReadMe.txt in folder \harbour)

\* Updated: HMGS-IDE v.0.5.3. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* Updated: MPM and MPMC utils for compatibility with compile.bat features.

Contributed by Kevin Carmody <i@kevincarmody.com> and

Grigory Filatov <gfilatov@freemail.ru>

(see in \Utils\MPM and \Utils\MPMC)

\* New: 'DataBase Utility' by S.Rathinagiri <rathinagiri@sancharnet.in>.

Based on code contributed by Pete D. <pete\_westg@yahoo.gr> and

Jacek Kubica <kubica@wssk.wroc.pl>.

(see in folder \Utils\DBU)

\* New: 'Multilingual Interface' sample.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\Multilingual)

\* New: 'PDF Reader' sample is based upon the AcroPDF.dll from Adobe Acrobat 7.0.

Contributed by Anibal Villalobos Guillen <anibalgvillalobosg@yahoo.com>

(see demo in folder \samples\Advanced\PDFReader)

\* Updated: Browse sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo.prg in folder \samples\Basic\Browse\_1)

\* Updated: DualBrowse sample by Joe Fanucchi <drjoe@meditrax.com>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Basic\DualBrowse)

\* Updated: OLE sample. Based upon a contributions by Enrico Maria Giordano and

Julio Cesar Manzano Ascanio

(see demo in folder \samples\Basic\OLE)

**HMG 1.4 Extended Edition**

**2007/09/24: Build 43**

\* Fixed: Changing of the INS status at application's starting on Windows XP/Vista.

Problem was reported by Grzegorz Wojnarowski <wojnarowscy@poczta.onet.pl>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Fixed: The problems in the DO REPORT command at the grouping by numeric field.

Problem was reported by Paul Schlicher <paulschlicher@yahoo.com>

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* New: The MAIN and CHILD, MODAL, SPLITCHILD windows have an optional Min and Max sizes:

- New: window property MinWidth, MaxWidth

- New: window property MinHeight, MaxHeight

You can set/get Form's Min/Max Width and Height at runtime:

- function syntax:

SetProperty ( Form, 'MinWidth', nMinWidth )

GetProperty ( Form, 'MaxHeight' )

- pseudo-OOP syntax:

Form.MinWidth := nMinWidth

Form.MaxHeight --> nMaxHeight

Warning: You should recompile the user's libraries for compatibility

with these changes.

Suggested by Petr Chornyj <myorg63@mail.ru>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\MinMaxSize)

\* Enhanced: The main batch file supports a new syntax parameters.

Compile.bat without parameters displays a syntax summary.

Contributed by Kevin Carmody <i@kevincarmody.com>

(see Compile.bat in folder \Batch)

\* Enhanced: GetFolder() function show status string in dialog title

when the initial directory for folder browsing is specify.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\GetFolder)

\* Enhanced: The Getbox control changes a PICTURE property at runtime now.

Syntax: <FormName>.<GetBoxName>.Picture := <cPicture>

Based upon a contribution by Tomasz Witkowski <wtmsz@friko6.onet.pl>

(see demo in folder \samples\Basic\GetBox)

\* Enhanced: The Getbox control may manage a VALIDMESSAGE property at runtime:

- New: \_SetGetBoxValidMessage(GetBoxName, FormName, "New message here")

- New: \_GetGetBoxValidMessage(GetBoxName, FormName) => cValidMessage

Contributed by Jacek Kubica <kubica@wssk.wroc.pl>

\* Changed: The Getbox control shows the RetryCancel message at VALID checking

if user's valid message was defined only (no default message yet).

Suggested by Alfredo Franceschetti <franz@valgraveglia.net>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Changed: The useful declarations are borrowed from the header file common.ch.

If you want to use the common.ch at your application without compiler warnings

you should place it above the minigui.ch in the following order:

#include "common.ch"

#include "minigui.ch"

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Changed: The internal functions \_CenterWindow(), \_RestoreWindow(),

\_MaximizeWindow(), \_MinimizeWindow() are defined as pseudo-functions.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Changed: The functions GetStartUpFolder(), GetModuleFilename(), IsWinNT() are

defined as pseudo-functions.

Warning: You should recompile the HBPrinter library for compatibility

with these changes.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

New: lPickerMode data for enable/disable DatePicker Mode in inplace editing.

Based upon a contribution by Mel Smith <syntel@shaw.ca>

(see demo at Menu File->Browse - Database2 in folder \samples\Advanced\TSBrowse)

\* Updated: Harbour Compiler Devel build (SVN 2007-09-24 02:05):

\* Updated: HbOLE library source code (see in folder \Source\HbOLE).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' and ReadMe.txt in folder \harbour)

\* Updated: HMGS-IDE v.0.5.2. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* New: 'TaskBar Notifier' sample and TBN library.

Contributed by Petr Chornyj <myorg63@mail.ru>

Related Commands are:

- INIT NOTIFIER <oPopup> SKIN | FILE | BITMAP <cBitmap>

- KEEP VISIBLE OF | NOTIFIER <oPopup> ONMOUSEOVER ON | OFF

- KEEP VISIBLE OF | NOTIFIER <oPopup> ONMOUSEOVER ( .T. | .F. )

- RESHOW OF | NOTIFIER <oPopup> ONMOUSEOVER ON | OFF

- RESHOW OF | NOTIFIER <oPopup> ONMOUSEOVER ( .T. | .F. )

- SET TITLE RECTANGE OF | NOTIFIER <oPopup> TO <r1>,<r2>,<r3>,<r4>

- SET TITLE ONDBLCLICK [ ACTION <Action> ] OF | NOTIFIER <oPopup> ON | OFF

- SET TITLE ON DBLCLICK [ ACTION <Action> ] OF | NOTIFIER <oPopup> ON | OFF

- SET TITLE NORMAL COLOR <aColor> OF | NOTIFIER <oPopup>

- SET TITLE HOVER COLOR <aColor> OF | NOTIFIER <oPopup>

- SET CONTENT RECTANGE OF | NOTIFIER <oPopup> TO <r1>,<r2>,<r3>,<r4>

- SET CONTENT ONDBLCLICK [ ACTION <Action> ] OF | NOTIFIER <oPopup> ON | OFF

- SET CONTENT ON DBLCLICK [ ACTION <Action> ] OF | NOTIFIER <oPopup> ON | OFF

- SET CONTENT NORMAL COLOR <aColor> OF | NOTIFIER <oPopup>

- SET CONTENT HOVER COLOR <aColor> OF | NOTIFIER <oPopup>

- SHOW NOTIFIER <oPopup> [ TITLE <cTitle> ] CONTENT <cContent> ;

DELAYS SHOWING <nShowTime> STAYING <nStayTime> HIDING <nHideTime>

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Advanced\TaskBarNotifier)

\* New: 'Flash Player' sample.

Based upon a contribution by Walter Formigoni <walter.formigoni@uol.com.br>

(see demo in folder \samples\Advanced\FlashX)

\* New: 'PrintRAW' sample. Based on code contributed by Abbougaga Jr for NTK.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Advanced\PrintRAW)

\* Updated: 'MailBox Checker' sample.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\CHECKMAILBOX)

**HMG 1.4 Extended Edition**

**2007/08/29: Build 42**

\* Fixed: The hotkeys are blocked after the menu item action

(introduced in the build 38).

Reported by Honorio <info2000informa@ig.com.br>

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Enhanced: The static controls (Image, Label etc) supports the method Refresh.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\MsgBoxShow)

\* Updated: HBPrinter library (see source in folder \source\HbPrinter):

- Fixed: Typo with assigning of column for Preview window.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Updated: WinReport library (see source in folder \Source\WinReport).

Problem was reported for xHarbour compiler.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at WinReport.chm in folder \Doc)

\* Updated: Socket library by Matteo Baccan (see in folder \Source\Socket):

- the minor corrections in the C-function SocketReceive().

Contributed by Jacek Kubica <kubica@wssk.wroc.pl>.

Thanks to Przemyslaw Czerpak <druzus/at/priv.onet.pl>.

\* Updated: Harbour Compiler Devel build (SVN 2007-08-28 14:00).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' and Version.txt in folder \harbour)

\* Updated: HMGS-IDE v.0.4.8. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* New: 'PDF Form Filler' sample. Contributed by Pierpaolo Martinello <pier@bmm.it>

(see demo in folder \samples\Advanced\Data2Pdf)

\* New: 'Delete Email' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\DeleteEmail)

\* New: 'Msg2All' sample. Based on code contributed by Bingen Ugaldebere for Xailer.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\Msg2All)

\* New: 'MsgArray' sample. Based on code contributed by Bingen Ugaldebere for Xailer.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\MsgArray)

\* New: 'JPG Viewer' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

Warning: This example does not work correctly with all JPEG files.

(see in folder \samples\Advanced\JpgViewer)

\* Updated: 'BmpViewer' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\BmpViewer)

\* Updated: 'QHTM' sample:

- Fixed: Typo in i\_qhtm.ch.

Problem was reported by Shyboy <shyboy53tw@yahoo.com.tw>

(see in folder \samples\Advanced\qhtm)

\* Updated: 'MsgEdit' sample:

+ Functions MsgDesktop(), MsgOptions(), MsgLogo(), MsgToolTip()

Based on code contributed by Bingen Ugaldebere for Xailer.

This sample uses now a freeware Image Size component XImage.dll

from http://xstandard.com.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\MsgEdit)

\* Updated: 'ODBC' sample with MS Access database connect.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\ODBC)

**HMG 1.4 Extended Edition**

**2007/08/14: Build 41**

\* Fixed: Switch /E problem in the COMPILE.BAT.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see Compile.bat in folder \Batch)

\* New: Batch file similar to Compile.bat for modifying CHM files.

Can be used on MiniGui CHMs or for user apps.

Contributed by Kevin Carmody <i@kevincarmody.com>

(see ModifyChm.bat in folder \Batch)

\* New: Windows with skins support by transparent color region command:

+ SET REGION OF <window> BITMAP <file | resource> TRANSPARENT COLOR <color>

[ TO <region> ]

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos in folder \samples\Basic\REGIONS\_2)

\* New: WinReport library (see source in folder \Source\WinReport).

Contributed by Pierpaolo Martinello <pier@bmm.it>

(see demo in folder \samples\Advanced\REPORT\_INTERPRETER)

\* Updated: HBPrinter library v.2.08 (see source in folder \source\HbPrinter):

- New: Command SET CLOSEPREVIEW ON/OFF for control the closing of

the preview window after printing

- New: Command GET CLOSEPREVIEW TO <var>

- New: simulation of 'set navigation extended' for print options window.

Contributed by Pierpaolo Martinello <pier@bmm.it>

\* Updated: PropGrid library source code:

- New: PG control supports an optional ON CHANGEVALUE event now.

- Changed: use of new function PG\_RedrawItem() instead of RedrawWindow()

reduces flicker the Control Property Grid after change of data.

- Fixed: source code in range close edit field.

Contributed by Janusz Pora <januszpora@onet.eu>

(see Changelog.txt in folder \Source\PropGrid and

demo in folder \samples\Advanced\PropGrid)

\* Updated: Harbour Compiler Devel build (SVN 2007-08-09 13:30):

\* Updated: HbOLE library source code (see in folder \Source\HbOLE).

\* Updated: MySQL library source code (see in folder \Source\MySQL).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' in folder \harbour)

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

Fixed: methods Default() and SetArray() are adapted for syntax of Control GRID.

Contributed by Janusz Pora <januszpora@onet.eu>

(see demo at Menu TSBrowse->Grid form in folder \samples\Advanced\TSBrowse)

\* New: 'MsgBox Show' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Basic\MsgBoxShow)

\* New: 'Clippy' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\Clippy)

\* New: 'MiniGraph' sample.

Based upon a contribution by Logoshniy Sergey <serlogosh@yandex.ru>

(see in folder \samples\Advanced\MiniGraph)

\* New: 'MySql Client' sample.

Based upon a contribution by Mitja Podgornik <yamamoto@rocketmail.com>

(see in folder \samples\Advanced\MySqlClient)

\* Updated: 'MYSQL' samples. Contributed by Grigory Filatov <gfilatov@freemail.ru>

Warning: You should place your libmysql.dll to folder with samples.

(see in folder \samples\Basic\MYSQL)

\* Updated: 'ADORDD' samples for Win9X support.

(see demos in folder \samples\Basic\ADORDD and \samples\Basic\ADORDD\_2)

\* Updated: 'MsgEdit' sample:

+ Functions MsgDate(), MsgCopy(), MsgMove(), MsgDelete(), MsgPostIt()

Based on code contributed by Bingen Ugaldebere for Xailer.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\MsgEdit)

\* Updated: 'Shell32' sample.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\Shell32)

**HMG 1.4 Extended Edition**

**2007/07/25: Build 40**

\* Fixed: Mistake at creating the control RadioGroup in DIALOG indirect

(introduced in the build 39).

Contributed by Janusz Pora <januszpora@onet.eu>

\* Fixed: Debugger problem in the COMPILE.BAT (empty Console window).

Contributed by Jack Daniels <jd10jd10@yahoo.com>

\* Fixed: The function \_AddTabControl() did not handle BROWSE with VScrollBar correctly.

Contributed by Jack Daniels <jd10jd10@yahoo.com>

\* Fixed: The function \_SetControlSizePos() did not move Horizontal RadioGroup and

Spinner correctly. Contributed by Jack Daniels <jd10jd10@yahoo.com>

\* Enhanced: The StatusBar can be defined without defining any StatusItems

(it will be create a default StatusItem).

Suggested by Jack Daniels <jd10jd10@yahoo.com>

(see demo3.prg in folder \samples\Basic\Status)

\* New: Function GetApplicationDataFolder() returns an Application Data Folder path.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\basic\MAINDEMO (SYNTAX I))

\* Changed: The ON CHANGE control event is disabled at the form's definition.

Suggested by Ivanil Marcelino from brazilian forum MiniGUI.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo.prg in folder \samples\Basic\Color\_2)

\* Changed: The functions GetWindowsFolder(), GetSystemFolder(), GetTempFolder(),

GetMyDocumentsFolder() and GetDesktopFolder() are defined as pseudo-

functions now.

Warning: You should recompile the MiniPrint library for compatibility

with this change.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Changed: The commands DRAW RECTANGLE, ROUNDRECTANGLE, ELLIPSE, PIE and POLYGON

draw empty (transparent) rectangle if FILLCOLOR clause is not defined.

Contributed by Adam Lubszczyk <adam\_l@poczta.onet.pl>

\* Updated: Synchronized an Extended HMG with an Official HMG 2.0.031:

- Fixed: Browse and Grid INPLACE edit problems in standard windows.

- Fixed: Browse initialization problems in Vista.

\* Updated: PropGrid library source code:

- Changed: algorithm of look for item in Property Grid.

- Fixed: Procedure for save data of Property Grid to File.

- New: Type CHECK - optional description, one from list of Data,

list with two equivalent value to FALSE and TRUE.

- New: Read and save from file type INI.

- New: Color for indent, the same how for category.

- Changed: Color for grid lines.

Contributed by Janusz Pora <januszpora@onet.eu>

(see Changelog.txt in folder \Source\PropGrid and

demo in folder \samples\Advanced\PropGrid)

\* Updated: Harbour Compiler Devel build (SVN 2007-07-20 18:40):

\* Updated: LibCT library is synced with xHarbour modifications and fixes.

\* Updated: MySQL library source code (see in folder \Source\MySQL).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' in folder \harbour)

\* New: 'ADORDD' sample with using a new functions \_GridPrior(), \_GridNext(),

\_GridHome(), \_GridEnd(), \_GridPgDn(), \_GridPgUp(), \_GridScrollToPos().

Contributed by Janusz Pora <januszpora@onet.eu>

(see demo in folder \samples\Basic\ADORDD\_2)

\* New: 'ActiveX' sample and class TActiveX.

Based upon a contribution by Marcelo Torres <lichitorres@yahoo.com.ar>

(see demo in folder \samples\Advanced\ActiveX)

\* New: 'Memory Info' sample.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\MemInfo)

\* Updated: HbUnrar library for compatibility with xHarbour.

Contributed by Petr Chornyj <myorg63@mail.ru>

(see in folder \samples\Advanced\UnRar)

\* Updated: AVI Animation sample. Contributed by Kevin Carmody <i@kevincarmody.com>

(see in folder \samples\Advanced\AVI\_Animation)

**HMG 1.3 Extended Edition**

**2007/06/26: Build 39**

\* Fixed: The hotkey assignment of Alt+<..> for StatusItem by symbol '&'.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo2.prg in folder \samples\Basic\Status)

\* Fixed: The hotkeys is blocked at the activated context menu

(introduced in the build 38).

Problem was reported by Alfredo Brizzi <alfbrizz@yahoo.it>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Changed: The function PropGridOnCustomDraw() is moved to external function

in order to avoid using of propgrid.lib if its not required for program.

Requested by Pete Dionysopoulos <pete\_westg@yahoo.gr>

(see i\_PropGrid.ch in folder \include)

\* Updated: Synchronized an Extended HMG with an Official HMG 2.0.026-030:

- Fixed: Various Vista minor compatibility issues.

- New: 'ReadOnly' clause for RadioGroup control. This is a logical array.

(see demo2.prg in folder \samples\Basic\RadioGroup)

- New: SET AUTOSCROLL ON | OFF command. When set to ON, virtual dimensioned

window's scrollbars are automatically adjusted to make a non visible

control that had gained the focus, visible (default is ON).

(see test.prg in folder \samples\Basic\VIRTUALDIM)

- Fixed: Print preview problems in Windows Vista.

\* Updated: PropGrid library source code:

- New: ADD PROPERTYITEM .. command

- New: GET PROPERTYITEM .. command

- New: GET INFO PROPERTYITEM .. command

- New: SET PROPERTYITEM .. command

- New: Clauses ITEMINFO and ITEMHEIGHT for display of the items description

- New: Function \_ShowInfoItem( ParentForm, ControlName ) to show or hide Items Info

Contributed by Janusz Pora <januszpora@onet.eu>

(see Changelog.txt in folder \Source\PropGrid and

demo in folder \samples\Advanced\PropGrid)

\* Updated: Harbour Compiler Devel build (SVN 2007-06-23 15:45).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' in folder \harbour and

'Whatsnew.txt' in folder \harbour\doc)

\* Updated: HMGS-IDE v.0.4.5. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* New: 'Focused Control Color Frame' sample.

Suggested by Douglas Barbosa <fabulous@linuxmail.org>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo2.prg in folder \samples\Basic\Color\_3)

\* New: 'Memory Statistics' sample.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\MemStat)

\* New: 'SysInfoTray' sample.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\SysInfoTray)

\* New: 'Windows Version' sample.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Advanced\WinVersion)

\* New: 'UnRar' sample and HbUnrar library.

Contributed by Petr Chornyj <myorg63@mail.ru>

(see demo in folder \samples\Advanced\UnRar)

\* Updated: 'AdoRDD' sample. Borrowed from the Official HMG 2.0.029.

(see demo in folder \samples\Basic\ADORDD)

**HMG 1.3 Extended**

**2007/06/05: Build 38**

\* Fixed: The function \_AddTabControl() is not update Tab Name and ParentForm Name

for added controls. Reported by Janusz Pora <januszpora@onet.eu>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Fixed: If a window has a menu, and it has a shortcut that opens a second

window, and you activate the menu (via mouse click or shortcut), and

then press the shortcut key that opens the second window, the whole

program freezes (described by Kevin Carmody <i@kevincarmody.com>).

Problem was reported by Eladio Bravo <eladibravo@yahoo.es>.

The solution is suggested by Jack Daniels <jd10jd10@yahoo.com>

\* New: Individual context menu for controls (excluding Frame):

+ New: DEFINE CONTEXT MENU CONTROL <control> [ OF <parent> ]

+ New: DEFINE CONTEXT MENU CONTROLS <control1> [,<controln>] [ OF <parent> ]

+ New: SET CONTEXT MENU CONTROL <control> OF <parent> ON | OFF

Based upon a contribution by Adam Lubszczyk <adam\_l@poczta.onet.pl>

(see demo in folder \samples\Basic\ControlsContextMenu)

\* Changed: Default window icon resource in minigui.rc file looks like WinXP icon.

(see in folder \Resources)

\* Enhanced: The GetBox control supports the Image, Action and ButtonWidth clauses now.

Contributed by Janusz Pora <januszpora@onet.eu>

(see demo in folder \samples\Basic\GetBox)

\* Updated: PropGrid library header file i\_PropGrid.ch and demo (added TFileRead class).

Problem was reported for xHarbour compiler.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Advanced\PropGrid)

\* Updated: PropGrid library source code (see in folder \Source\PropGrid):

- Changed: Key ENTER saves Value and move cursor an item down

- Changed: The field of Propertydata receive focus always

- Enhanced: Navigational keys function for all items correctly.

- Changed: Maintenance for item type CHECK

- Fixed: Add to function PG\_SETDATAITEM a new parameter

Contributed by Janusz Pora <januszpora@onet.eu>

\* Updated: MiniPrint library - correction for Portuguese language translation.

Contributed by Fernando Claudio Salvador <caseinformatica@itelefonica.com.br>

\* Updated: Harbour Compiler Devel build (CVS 2007-06-05 03:40):

+ New: AdoRDD library source code (see in folder \Source\AdoRDD).

\* Updated: MySQL library source code (see in folder \Source\MySQL).

\* Updated: HbOLE library source code (see in folder \Source\HbOLE).

Contributed by Przemyslaw Czerpak (druzus/at/priv.onet.pl)

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' and Version.txt in folder \harbour)

\* Updated: HMGS-IDE v.0.4.4. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* Updated: MPM and MPMC utils for compatibility with xHarbour.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in \Utils\MPM and \Utils\MPMC)

\* Updated: 'BackUp' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Basic\BackUp)

\* Updated: 'Desktop Changer' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\DesktopChanger)

\* Updated: 'INI File Editor' sample (control context menu).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\INIFileEditor)

\* Updated: 'SendMail Enhanced' sample (control context menu).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\SendMail)

**HMG 1.3 Extended**

**2007/05/22: Build 37**

\* Fixed: The C-function GetMenuInfo() could not be located in USER32.DLL at WinNT.

You should remove the remark for constant #define \_\_WINNT\_\_ in c\_menu.c

if you use the Windows NT.

Problem was reported by Charles van der Spuy <charlesvds@yahoo.com>

\* Fixed: The C-function \_OnDestroyMenu() causes the program crash with Pelles C.

Reported by Honorio <info2000informa@ig.com.br>

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Fixed: Bug in h\_controlmisc.prg which prevents the assignment of a typed RichValue.

Contributed by Kevin Carmody <i@kevincarmody.com>

\* Changed: The function \_SetValue() does not use the function rtrim() at assignment

for EDIT control. Requested by Thomas Hansens <thomas.hansens@netz-in-berlin.de>

\* Enhanced: The C-function WinHelp() supports an additional parameters:

3 HELP\_FORCEFILE : Ensure that Windows Help is displaying the correct Help file

4 HELP\_QUIT : Close Windows Help unless other programs currently need it

Requested by Walter Formigoni <walter.formigoni@uol.com.br>

\* Enhanced: Socket library source code by Matteo Baccan <baccan@infomedia.it>:

+ New: Method SetPriority( nPriority ) in the class TSMTP

where nPriority = 1 - Highest Priority

nPriority = 3 - Normal Priority

nPriority = 5 - Low Priority

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see tsmtp.prg in folder \Source\Socket)

\* New: PropGrid library source code (see in folder \Source\PropGrid):

+ New: @ PROPGRID .. FROMFILE <file> [ XML ] | ARRAYITEM command

+ New: DEFINE PROPGRID .. AT command

+ New: DEFINE CATEGORY command

+ New: PROPERTYITEM .. ITEMTYPE <type> VALUE <val> [ ITEMDATA .. ] command

where type may be 'string', 'integer', 'double', 'color', 'syscolor', 'logic',

'date', 'font', 'enum', 'flag', 'sysinfo', 'image', 'check', 'array'.

Contributed by Janusz Pora <januszpora@onet.eu>

(see demo in folder \samples\Advanced\PropGrid)

\* Updated: Harbour Compiler Devel build (CVS 2007-05-22 01:45).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' and Version.txt in folder \harbour)

\* Updated: HMGS-IDE v.0.4.3. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

\* Fixed: variable lNoMoveCols action is available now.

Contributed by Thomas Hansens <thomas.hansens@netz-in-berlin.de>

\* New: 'Printer Test' sample. Based upon a contribution by Jose Miguel <josemisu@yahoo.com.ar>

(see demo in folder \samples\Basic\Print\_Test)

\* New: 'Start Button Image Control' sample.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Advanced\StartButton)

\* Updated: 'Process Killer' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\PROCESS\_KILLER)

\* Updated: 'SendMail Enhanced' sample. Contributed by Pierpaolo Martinello <pier@bmm.it>

(see demo in folder \samples\Advanced\SendMail)

\* Updated: 'Mail With Blat' sample. Contributed by Pierpaolo Martinello <pier@bmm.it>

(see demo in folder \samples\Advanced\BlatMail)

**HMG 1.3 Extended**

**2007/05/07: Build 36**

\* Fixed: The problem with symbol '&' in the Menu Popup at Menu Extended.

Contributed by Petr Chornyj <myorg63@mail.ru>

(see demo in folder \samples\Advanced\MenuEx)

\* Fixed: The C-function DestroyMenu() causes the program crash with Pelles C.

Contributed by Eduardo Fernandes <modalsist@yahoo.com.br>

\* Fixed: Alternative syntax for DRAW PIE GRAPH command.

Reported by Ivanil Marcelino from brazilian forum MiniGUI.

\* Fixed: Problem with incorrect local time information at the mail header

in the class Tsmtp of the Socket library by Matteo Baccan.

Reported by Pierpaolo Martinello <pier@bmm.it>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Enhanced: The RichEditBox control supports a RichValue and AutoFont properties.

Window.RichEditBox.AutoFont := .t.

cRichValue := Window.RichEditBox.RichValue

cRichValue := Window.RichEditBox.RichValue(nType)

Window.RichEditBox.RichValue := cRichValue

Window.RichEditBox.RichValue(nType) := cRichValue

where values of nType

1 RICHVALUE\_TEXT ANSI characters only

2 RICHVALUE\_RTF RTF format \*\*\* DEFAULT \*\*\*

3 RICHVALUE\_UNICODE\_TEXT Unicode text, UTF-16LE

4 RICHVALUE\_UTF8\_TEXT Unicode text, UTF-8

5 RICHVALUE\_UTF8\_RTF UTF-8 RTF format

6 RICHVALUE\_UTF7\_TEXT Unicode text, UTF-7

Based upon a contribution by Kevin Carmody <i@kevincarmody.com>

(see demo in folder \samples\Basic\RichEdit)

\* Enhanced: The Shell32 library (see in folder \Source\Shell32):

+ function ShFolderDelete( hWnd, cFolder, lSilent )

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\Shell32)

\* Changed: HbOLE library source code (see in folder \Source\HbOLE).

Borrowed from xHarbour by Antonio Linares <alinares@fivetechsoft.com>

(see demo in folder \samples\Basic\OLE)

\* Updated: Greek language translation in the HbPrinter library.

Contributed by Pete Dionysopoulos <pete\_westg@yahoo.gr>

\* Updated: Harbour Compiler Devel build (CVS 2007-05-07 02:20).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' and Version.txt in folder \harbour)

\* Updated: HMGS-IDE v.0.4.2. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

\* Fixed: program crash at the search in the logical column of array.

Reported by Vianei Moreira de Lemos <cpd@colegioabc.com.br>.

\* Changed: method ExcelOle() is xHarbour compatible now and HbOle library

is not required for xHarbour anymore.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* New: 'MsgBalloon' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Advanced\TrayBalloon)

\* Updated: 'SendMail Enhanced' sample. Contributed by Pierpaolo Martinello <pier@bmm.it>

(see demo and help file SendMail.chm in folder \samples\Advanced\SendMail)

\* Updated: 'Process Killer' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\PROCESS\_KILLER)

\* Updated: EZTwain sample: EZTWAIN.DLL v1.15 2006.04.30 from http://www.dosadi.com.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\EZTWAIN)

\* Updated: 'ButtonEx with color gradient background' sample.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo4 in folder \samples\Basic\ButtonEx)

**HMG 1.3 Extended**

**2007/04/16: Build 35**

\* New: The OwnerDraw Menu style is supported:

- SET MENUSTYLE EXTENDED | STANDARD command

- SET MENUCURSOR FULL | SHORT command

- SET MENUSEPARATOR [ SINGLE | DOUBLE ] [ LEFTALIGN | CENTERALIGN | RIGHTALIGN ] command

- SET MENUITEM BORDER 3D | FLAT command

- 28 MNUCLR\_??? constants for user's tunning (look at include\i\_menu.ch) by

functions GetMenuColors() and SetMenuColors( aColors )

- functions \_GetMenuItemCaption( ItemName , FormName ),

\_SetMenuItemCaption( ItemName , FormName , Caption ),

\_SetMenuItemBitmap( ItemName , FormName , Bitmap ),

\_SetMenuItemFont( ItemName , FormName , Font )

Contributed by Petr Chornyj <myorg63@mail.ru>

(see demo in folder \samples\Advanced\MenuEx)

\* Enhanced: MENUITEM command supports a CHECKMARK <image> and FONT <font> clauses now.

Contributed by Petr Chornyj <myorg63@mail.ru>

(see demo in folder \samples\Advanced\MenuEx)

\* Enhanced: The RichEditBox control supports a RichValue property now.

This property returns the value with RTF control codes added.

Contributed by Kevin Carmody <i@kevincarmody.com>

(see demo in folder \samples\Basic\RichEdit)

\* Changed: Disabled image checkbuttons shows a 'grayed' image when are disabled instead of

a gray rectangle for not 'XP-Style' applications (WinAPI default).

Based on code contributed by Jacek Kubica <kubica@wssk.wroc.pl>

(see demo in folder \samples\basic\MAINDEMO (SYNTAX I))

\* Changed: The Dutch language support in h\_init.prg. This language was included in the Harbour CVS.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\EDIT\_EXTENDED)

\* Updated: HbOLE library source code (see in folder \Source\HbOLE).

Problem was reported by Jaroslav Janik <jaroslav.janik@siemens.com>

(see demo in folder \samples\Basic\OLE)

\* Updated: HBPrinter library v.2.07 (see source in folder \source\HbPrinter):

- New: Method GetTextExtent\_mm() and appropriate command GET TEXT EXTENT IN MM.

Based on code contributed by Ryszard Rylko <rrylko@cirow.pl>

- Changed: language translation for 'Save' dropdown menu option.

Requested by Rene Koot <rene@plantenkennis.com>

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Changed: The main batch file supports a new syntax parameters.

Compile.bat without parameters displays a syntax summary.

Contributed by Kevin Carmody <i@kevincarmody.com>

(see Compile.bat in folder \Batch)

\* Updated: Harbour Compiler Devel build (CVS 2007-04-16 01:50).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' and Version.txt in folder \harbour)

\* Updated: HMGS-IDE v.0.4.1. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG v.1.59:

\* Fixed: Clause VALUE initiates in browse position (row) now correctly.

Reported by Ryszard <softmar@softmar.poznan.pl>

\* Fixed: The Focus stays in active browse after exit from edition of cell.

Reported by Ryszard <softmar@softmar.poznan.pl>

Contributed by Janusz Pora <januszpora@onet.eu>

\* New: 'Get Directory Recurse' sample for (x)Harbour.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\DirectoryRecurse)

\* Updated: Process Killer sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\PROCESS\_KILLER)

**HMG 1.3 Extended**

**2007/03/28: Build 34**

\* Fixed: The problem with BackColor and FontColor of the second (and more)

ComboBox' List. Problem was reported by Valtecom Jose Martins.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\Color)

\* Fixed: The problem with specifying the max value for the identifier of

the hot keys. It exists in official version too.

Contributed by Petr Chornyj <myorg63@mail.ru>

\* Fixed: Problem with erasing a last labels in the Graph control.

Reported by MigSoft <fugaz\_cl@yahoo.es>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* New: The MiniGUI Extended To-Do list (look at Todo.txt in folder \Doc)

Suggested by Grigory Filatov <gfilatov@freemail.ru>

\* Changed: The function Events() uses a fast substring comparison operator

instead of the .OR. logic operator.

Suggested by Petr Chornyj myorg63@mail.ru

\* Enhanced: The Browse control with EDIT clause supports an expressions at

field's definition (force to readonly). Based on code contributed

by Franz-Josef Hoennekes <fjh\_muc@hotmail.com>

(see demo.prg in folder \samples\Basic\Browse\_1)

\* Updated: The main batch file supports a new features:

- resource compile only;

- link additional resource file.

Compile.bat without parameters displays a syntax summary.

All xHarbour functionality that was in xCompile.bat has been

incorporated into Compile.bat via the /x switch.

Contributed by Kevin Carmody <i@kevincarmody.com>

(see Compile.bat in folder \Batch)

\* Updated: Harbour Compiler Devel build (CVS 2007-03-23 04:25):

\* New: xHarbour compatible extensions

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' and Version.txt in folder \harbour)

\* Updated: HMGS-IDE v.0.4.0. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide)

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG v.1.58:

\* New: HideColumns method - hide or show column(s)

Contributed by Janusz Pora <januszpora@onet.eu>

(see in Chapter Methods this help and in demo -

Menu TSBrowse->Report / Excel connectivity in

folder \samples\Advanced\TSBrowse)

\* Fixed: typo in GoPos method of the class TSBrowse.

Suggested by Mel Smith <syntel@shaw.ca>

\* New: 'BaseGraph' sample. Contributed by MigSoft <fugaz\_cl@yahoo.es>

(see demo in folder \samples\Basic\BaseGraph)

\* New: 'MsgEdit' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

Based on code contributed by Bingen Ugaldebere for Xailer.

(see demo in folder \samples\Basic\MsgEdit)

\* New: 'Virtual Grid' sample. Requested by Manfred Bergler <ecadata@gmail.com>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\ON\_QUERYDATA)

\* New: 'Flashing Window on Minimize' sample.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Advanced\FlashWindow)

\* New: 'Menu Extended' Beta sample with OwnerDraw menu implementation.

Contributed by Petr Chornyj <myorg63@mail.ru>

(see demo in folder \samples\Advanced\MenuEx)

\* Updated: DRAW GRADIENT and AlphaBlend samples

(see demos in the following folders:

- \samples\Advanced\Animals;

- \samples\Advanced\DrawGradient;

- \samples\Advanced\FillGreen;

- \samples\Advanced\FillTriangle)

\* Updated: 'Set Themes' sample menu color.

Requested by CAS <cas\_webnet@yahoo.com.br>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Advanced\SetThemes)

\* Updated: 'INI File Editor' sample.

Problem was reported for xHarbour compiler.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\INIFileEditor)

**HMG 1.3 Extended**

**2007/03/15: Build 33**

\* Fixed: The problems in the DO REPORT command with a new Harbour binary.

Problem was reported by Bruno Luciani <bruno.luciani@gmail.com>

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\DO\_REPORT)

\* Fixed: The problems in the function WndCopy() at the looping.

Problem was reported by Mistilides Luis Fernando <mistilides@yahoo. com.br>

The solution is based on code contributed by Ciro Vargas Clemov.

(see demo in folder \samples\Advanced\BmpToJpg)

\* New: The article 'Five years: A Brief History' by Roberto Lopez <roblez@ciudad.com.ar>

(look at History.txt in root folder \Minigui)

\* Changed: The function Events() uses the SWITCH structure instead of DO CASE.

Suggested by Petr Chornyj <myorg63@mail.ru>

\* Enhanced: The function BmpSize() supports a bitmap from resource also.

Its based on C-function BitmapSize() now.

BitmapSize() returns an array has the following structure:

----------------------------------------------------------

Position Metasymbol i\_bitmap.ch

----------------------------------------------------------

1 nWidth BM\_WIDTH

2 nHeight BM\_HEIGHT

3 nBitsPerPixel BM\_BITSPIXEL

----------------------------------------------------------

If the file or resource are not found or corrupt, the function

BitmapSize() returns an array {0, 0, 4} for compatibility.

Contributed by Petr Chornyj <myorg63@mail.ru>

(see demo in folder \samples\Basic\BmpSize)

\* Updated: DRAW GRADIENT functions with using MsImg32.dll and Gdi32.dll.

Contributed by Petr Chornyj <myorg63@mail.ru>

(see demo in folder \samples\Advanced\SetThemes)

\* Updated: The main batch files at folder \MiniGUI\Batch:

- Compile.Bat

- xCompile.Bat

- MakeLibOpt.bat

- Make\_b32\_opt.bat

The instances of MakeLib.bat and Make\_b32.bat have been updated to use the

same environment variables and some of the same switches that Compile.bat

uses. Two BC files, used by the two Make\_b32.bat files, have been updated also.

Based upon a contribution by Kevin Carmody <i@kevincarmody.com>

\* Updated: Harbour Compiler Devel build (CVS 2007-03-14 14:45).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' in folder \harbour)

\* Updated: MPM and MPMC utils for compatibility with a new Harbour.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in \Utils\MPM and \Utils\MPMC)

\* New: 'ButtonEx with color gradient background' sample.

Contributed by Petr Chornyj <myorg63@mail.ru>

(see demo4 in folder \samples\Basic\ButtonEx)

\* New: 'Combo Search' sample.

Based upon a contribution by Marcelo Torres <lichitorres@yahoo.com.ar>

(see demo in folder \samples\Basic\ComboSearch)

\* New: 'Show All Characters' sample. Contributed by Joe Fanucchi <drjoe@meditrax.com>

(see demo in folder \samples\Basic\ShowChars)

\* Updated: 'Splash' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\SPLASHDEMO)

\* Updated: 'BmpViewer' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\BmpViewer)

**HMG 1.3 Extended**

**2007/02/28: Build 32**

\* Fixed: The problems in MDI Window reported by Manfred Bergler <ecadata@gmail.com>:

- ToolTip in ChildMDI works correctly.

- BackGround in MDIClient and ChildMDI be displayed correctly if was defined

in clause BACKCOLOR, window ChildMDI inherits this property.

The background is standard without this definition.

- Hot Keys works in MDIClient and ChildMDI correctly.

- Pseudo-function ThisWindow.Name works for ChildMDI also.

Contributed by Janusz Pora <januszpora@onet.eu>

(see demo.prg in folder \samples\Basic\MDI\_3)

\* Fixed: The problem with display flag of Statusbar item at the function SetItemBar()

introduced in the build 30.

\* Fixed: The problem with display ReadOnly Spinner at the Enabled method.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Enhanced: The ReadOnly property is supported in the function GetProperty()

for Spinner control. Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* New: Dll library source code (see in folder \Source\Dll).

Remark: Tasm32.exe is required for proper compiling.

\* Changed: The main batch file supports a new features:

- easily switch back and forth between Harbour and xHarbour;

- compile without linking;

- link in additional object files and libraries;

- create console executables.

Compile.bat without parameters displays a syntax summary. All xHarbour

functionality that was in xCompile.bat has been incorporated into Compile.bat

via the /X switch. xCompile.bat is now unnecessary.

Contributed by Kevin Carmody <i@kevincarmody.com>

(see Compile.bat in folder \Batch)

\* Updated: Synchronized an Extended HMG with an Official HMG 2.0.024:

- Fixed: Bug in GetFont() function. Thanks to Ciro Vargas Clemov.

- New: Polish messages for MiniPrint library. Thanks to Piotr Michalski.

\* Updated: Description of MySql library clauses.

Based upon a contribution by Roberto Lopez <roblez@ciudad.com.ar>

(see ReadMe.txt in folder \Source\MySql)

\* Updated: Harbour Compiler Devel build (CVS 2007-02-28 08:10).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' in folder \harbour)

\* Updated: HMGS-IDE v.0.3.9. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide and samples in folder \Ide\Samples)

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

\* Fixed: problem with clause PREEDIT in KeyChar method of the class TSBrowse.

Problem was reported by Russian user.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Updated: 'RGB-Mixer' sample. Problem was reported by Mel Smith <syntel@shaw.ca>

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\RGBMixer)

**HMG 1.3 Extended**

**2007/02/15: Build 31**

\* New: SET EVENTS FUNCTION TO <funcname> command.

Contributed by Petr Chornyj <myorg63@mail.ru>

(see demo in folder \samples\Advanced\RunCmd)

\* Enhanced: The function WindowsVersion() detects now a Windows Vista OS.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Updated: Synchronized an Extended HMG with an Official HMG 2.0.022:

- Fixed: Spinner "ReadOnly" property problem. Reported by Miguel Tegu.

\* Updated: Harbour Compiler (CVS 2007-02-14 00:15).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' in folder \harbour)

\* New: CallDll library source code (see in folder \Source\CallDll).

Borrowed from the Official HMG 2.0. Requested by Mel Smith <syntel@shaw.ca>.

Based upon a contribution by Carlos Britos <bcd12a@yahoo.com.ar>

(see demo in folder \samples\Advanced\Curves)

\* New: 'RGB-Mixer' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\RGBMixer)

\* New: 'Bmp To Jpg' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Advanced\BmpToJpg)

\* New: 'Mail With Blat' sample.

Based upon a contribution by Leo Letendre <lletendre@earthlink.net>

(see demo in folder \samples\Advanced\BlatMail)

\* Updated: 'ImageBrowse 2' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in \samples\Basic\IMAGEBROWSE2)

\* Updated: 'Http Get' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Basic\HttpGet)

\* Updated: 'CDejector' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\CDejector)

\* Updated: 'QHTM' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced

**HMG 1.3 Extended**

**2007/01/22: Build 30**

\* Fixed: The missing declaration of the memvar \_HMG\_SYSDATA.

You should declare the constant #define \_\_SYSDATA\_\_ on top of the modules

which are called in main module by command SET PROCEDURE TO <module.prg>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see example at folder \samples\Advanced\DBFview\source)

\* Fixed: The missing ON MOVE event at header file i\_window\_ext.ch.

Problem was reported by Eduardo Fernandes <modalsist@yahoo.com.br>

\* Fixed: C-code cleaning for spare declarations of local variables.

Problem was reported by Eduardo Fernandes <modalsist@yahoo.com.br>.

\* Fixed: The C-function strtrim() causes the program crash with Pelles C.

Contributed by Eduardo Fernandes <modalsist@yahoo.com.br>

\* Fixed: The multiple calling the function ReleaseAllWindows() at ErrorSys.prg.

Problem was reported by Wieslaw Kwolek <wieslawkwolek@yahoo.com>.

\* New: DEFINE BKGBRUSH command for making window's background:

- DEFINE BKGBRUSH <brush> SOLID IN [ WINDOW ] <parent>

- DEFINE BKGBRUSH <brush> HATCHED IN [ WINDOW ] <parent>

- DEFINE BKGBRUSH <brush> PATTERN IN [ WINDOW ] <parent>

Contributed by Petr Chornyj <myorg63@mail.ru>

(see demo in folder \samples\Basic\WindowBackground)

\* New: DRAW GRADIENT command with using MsImg32.dll and Gdi32.dll.

Contributed by Petr Chornyj <myorg63@mail.ru>

Thanks a lot for this GREAT contribution!

(see demo in folder \samples\Advanced\DrawGradient)

\* Changed: The constant \_ZEROPUBLIC\_ is turned ON by default in the header file

include\minigui.ch. Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Changed: The CT's function NUMAND() is replaced with internal function AND().

The external contrib libraries (DLL, CT, LIBMISC) do not be required now

for compilation of the Basic samples (besides using HbPrinter library).

Suggested by Grigory Filatov <gfilatov@freemail.ru>

\* Enhanced: The Window MOUSECLICK event supports a right mouse click now.

You can use the varible \_HMG\_MouseState for detection a left (=1) or right (=2) click.

You should declare the SET CONTEXT MENU OFF command also.

Contributed by Petr Chornyj <myorg63@mail.ru>

\* Enhanced: The ComboBoxEx control supports an alternative IMAGELIST clause now.

Contributed by Janusz Pora <januszpora@onet.eu>

(see demo in folder \samples\Basic\ComboEx\_2)

\* Enhanced: The StatusBar command supports a KEYBOARD clause now.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo1.prg in folder \samples\Basic\Status)

\* Enhanced: The StatusBar item supports a WIDTH Read/Write Property now.

Based upon an idea borrowed from an OOHG.

Added the automatic detection of width of a certain length of string

to be place inside the statusitem, if Width property is not specified.

Requested by Fred Gomez <fred704@yahoo.com>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo2.prg in folder \samples\Basic\Status)

\* Enhanced: The function \_GetCompactPath( cFile, nMax ) supports now a default value

for second parameter.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Updated: Harbour Compiler (CVS 2007-01-17 13:50).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' in folder \harbour and 'Whatsnew.txt' in folder \harbour\doc)

\* Updated: HMGS-IDE v.0.3.8. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide and samples in folder \Ide\Samples)

\* New: 'Combo Color' sample. Contributed by Janusz Pora <januszpora@onet.eu>

(see demo in folder \samples\Advanced\ComboColor)

\* New: 'Curves' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Advanced\Curves)

\* New: 'Alpha Blend', 'TransparentBlt' samples. Contributed by Petr Chornyj <myorg63@mail.ru>

(see demos in folder \samples\Advanced\Animals)

\* New: 'Gif89' sample. Contributed by Petr Chornyj <myorg63@mail.ru>

(see demo in folder \samples\Advanced\AnimatedGif)

\* New: 'Fill Green' sample. Contributed by Petr Chornyj <myorg63@mail.ru>

(see demo in folder \samples\Advanced\FillGreen)

\* New: 'Fill Triangle' sample. Contributed by Petr Chornyj <myorg63@mail.ru>

(see demo in folder \samples\Advanced\FillTriangle)

\* New: 'Transparency Color' sample. Contributed by Petr Chornyj <myorg63@mail.ru>

(see demo1.prg in folder \samples\Advanced\Transparency)

\* Updated: 'TextBox Focus change' sample - macro support at pseudo-OOP.

(see in folder \samples\Basic\Color\_3)

\* Updated: 'Desktop Changer' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\DesktopChanger)

\* Updated: 'IsExeRunning' samples. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\IsExeRunning)

**HMG 1.2 Extended**

**2006/12/27: Build 29a New Year Edition**

\* Fixed: Batch file for proper compiling with xHarbour.

Problem was reported by Mel Smith <syntel@shaw.ca>

(see Compile.bat in folder \Batch)

\* Fixed: Function GetFile() - wrong return for the root folder in the multiselect mode.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\GetFile)

\* New: Function GetComputerName() return a netname for current computer.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\GetUserName)

\* Updated: Harbour Compiler (CVS 2006-12-24 16:54).

\* Changed: The memvar \_HMG\_SYSDATA place of declaration owing to restrict

MEMVAR and FIELD usage - now they have to be located before

executable statements.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at 'Harbour Changelog.txt' in folder \harbour)

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

\* Fixed: problem with clause FIELDS at tsbrowse.ch.

Contributed by Janusz Pora <januszpora@onet.eu>

\* New: 'Dynamic Graph' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

Based upon a contribution from the CodeProject portal.

(see demo in folder \samples\Advanced\DynamicGraph)

\* New: 'SendTo' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Advanced\SendTo)

\* New: 'RunCmd' sample with drag files support.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Advanced\RunCmd)

\* Updated: 'Tray Calendar' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\TRAY\_CALENDAR)

\* Updated: 'DualBrowse' sample by Joe Fanucchi <drjoe@meditrax.com>.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Basic\DualBrowse)

**HMG 1.2 Extended**

**2006/12/21: build 29 Christmas Edition**

\* Fixed: The image cleaning in the functions \_AddTabPage() and \_DeleteTabPage()

in Tab control. Contributed by Jack Daniels <jd10jd10@yahoo.com>

(see demos in folder \samples\Basic\Tab)

\* Fixed: The Problem with Spinner control at the function \_AddTabControl()

introduced in the build 25a.

Reported by Ivanil Marcelino from brazilian forum MiniGUI.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Fixed: Grid control - problem with Image clause at alternative syntax.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo at folder \samples\Basic\MAINDEMO (SYNTAX IV))

\* Fixed: Browse\Grid controls - problem with alignment (it's LEFT always)

at replacing of header's caption.

Reported by Vianei Moreira de Lemos from brazilian forum MiniGUI.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Changed: The internal Public variables is released now at window's and control's destroying.

You may remove the remark for constant #define \_ZEROPUBLIC\_ in the header file

include\minigui.ch if you want to keep the old behaviour.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Enhanced: The BTNTEXTBOX control supports an optional second inserted button.

Contributed by Janusz Pora <januszpora@onet.eu>

(see demo.prg in folder \samples\basic\BtnTextBox)

\* New: HbOLE library source code (see in folder \Source\HbOLE).

Requested by xHarbour's users.

\* New: Documentation for (x)Harbour in format CHM. Dedicated to MiniGUI users

(see in folder harbour\doc)

Contributed by Janusz Pora <soft\_design@poczta.onet.pl>

\* Updated: Harbour Compiler (CVS 2006-12-19 00:35).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at Harbour Changelog.txt in folder \harbour)

\* Updated: HMGS-IDE v.0.3.7. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide and samples in folder \Ide\Samples)

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

\* Fixed: reverted changes at Reset method introduced in the build 27.

Problem was reported by Russian user at SetArray method.

\* New: 'Transparent Window' sample. Contributed by Russian user

(see demo2.prg in folder \samples\Advanced\Transparency)

\* New: 'EZ Lines' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\EZ\_Lines)

\* Updated: 'FileMan' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

Requested by Seghir Haddadi <haddadi\_seghir@yahoo.fr>

(see in folder \samples\Advanced\FileMan)

\* Updated: 'Easy Install' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\EasyInstall)

\* Updated: 'Data-Bound' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\DATA\_BOUND)

\* Updated: MAINDEMO (SYNTAX II, III and IV) sample.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demos at folders \samples\Basic\MAINDEMO (SYNTAX II, III and IV))

**HMG 1.2 Extended**

**2006/12/05: build 28**

\* Enhanced: The Tab control supports a new Image property:

- function syntax

SetProperty ( ParentForm, ControlName, 'IMAGE', Column, cImage )

GetProperty ( ParentForm, ControlName, 'IMAGE', Column )

- pseudo-OOP syntax

Form.Tab.Image( nPageNumber ) := 'cImage'

Form.Tab.Image( nPageNumber ) -->'cImage'

Requested by Wieslaw Kwolek <wieslawkwolek@yahoo.com>.

Contributed by Jack Daniels <jd10jd10@yahoo.com>

(see demo in folder \samples\Basic\Tab)

\* Enhanced: 'NOBORDER' clause (optional) for DRAW GRAPH command (PIE type).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Basic\Histogram)

\* Changed: There is allowed to open inside MdiWindow only MdiChild windows.

Contributed by Janusz Pora <januszpora@onet.eu>

\* Updated: Harbour Compiler (CVS 2006-12-04 19:20).

Contributed by Grigory Filatov <gfilatov@freemail.ru>

(look at Harbour Changelog.txt in folder \harbour)

\* Updated: HMGS-IDE v.0.3.6. Project Manager and Two-Way Visual Form Designer.

Contributed by Walter Formigoni <walter.formigoni@uol.com.br>

(look at changelog.txt in folder \Ide and samples in folder \Ide\Samples)

\* New: MySql library source code (see in folder \Source\MySql).

Based upon a contribution by Mitja Podgornik <yamamoto@rocketmail.com>.

(see demos in folder \samples\Basic\MYSQL)

\* New: MiniSql library source code.

Based upon a contribution by Roberto Lopez <roblez@ciudad.com.ar>

(see demo in folder \samples\Advanced\MiniSql)

\* New: HbComm library source code (see in folder \Source\HbComm).

Based upon a contribution by Carozo De Quilmes <CarozoDeQuilmes@gmail.com>.

(see demo in folder \samples\Advanced\HBCOMM)

\* New: 'Transparent Form' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see demo in folder \samples\Advanced\Transparency)

\* Updated: 'DBFview' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\DBFview)

\* Updated: 'Game 15' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\GAME\_15)

\* Updated: 'Resize It' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Advanced\ResizeIt)

\* Updated: 'Histogram' sample. Contributed by MigSoft <fugaz\_cl@yahoo.es>

(see in folder \samples\Basic\Histogram)

**HMG 1.2 Extended**

**2006/11/27: build 27**

\* Fixed: Harbour Compiler Alpha binary (CVS 2006-10-07 04:25).

This is a rollback to stable Harbour CVS build:

- reverted header file i\_window.ch only.

Contributed by Grigory Filatov <gfilatov@freemail.ru>

\* Changed: Function ShowError() have running of release the all hotkeys

after showing of error message.

Requested by Mel Smith <syntel@shaw.ca>

\* New: Ukrainian language translation in h\_init.prg.

- UKRAINIAN Language support (updated Harbour lang library)

- SET LANGUAGE TO UKRAINIAN command

- SET CODEPAGE TO UKRAINIAN command

Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

\* Updated: Russian language translation in h\_init.prg.

Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

(see demo in folder \samples\Basic\EDIT\_EXTENDED)

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:

\* Updated: TSBrowse library:

- Russian language translation

- Ukrainian language translation

Contributed by Vladimir Chumachenko <ChVolodymyr@yandex.ru>

(see SBmsg.prg in folder \Source\TSBrowse)

\* Fixed: Reset Method - improvement of pointer after addition

and external edition of record with open index

Contributed by Janusz Pora <januszpora@onet.eu>

\* New: 'FileCopy' sample.

Based upon a contribution by Jacek Kubica <kubica@wssk.wroc.pl>

(see demo in folder \samples\Basic\Filecopy)

\* Updated: MAINDEMO sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see call of function ShellAbout() in demo at folder \samples\Basic\MAINDEMO (SYNTAX I))

\* Updated: 'Floppy Checker' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

(see in folder \samples\Basic\FloppyChecker)

\* Updated: 'Game 15' sample. Contributed by Grigory Filatov <gfilatov@freemail.ru>

Requested by William Broyles <bbroyles@cableone.net>

(see in folder \samples\Advanced\GAME\_15)

\* Updated: 'SendMail' sample. Contributed by Jacek Kubica <kubica@wssk.wroc.pl>

Problem was reported by Estefano Tonon <estefanotonon@gmail.com>

(see in folder \samples\Advanced\SendMail)

**HMG 1.2 Extended**

**2006-11-16: build 26**

\* Enhanced: The EditBox control supports the method Refresh without Field clause now.  
Requested by Marcelo Torres  
Contributed by Grigory Filatov  
(see demo in folder \samples\Basic\Editbox)

\* Enhanced: The GetBox control supports the method Refresh without Field clause now.  
Requested by Tomasz Witkowski  
Contributed by Grigory Filatov

\* Updated: Harbour Compiler (CVS 2006-11-15 14:20):  
- Updated: for compatibility with a new Harbour Preprocessor:  
+ i\_altsyntax.ch, i\_tooltip.ch, i\_window.ch  
+ h\_edit.prg, h\_edit\_ex.prg, h\_grid.prg, h\_scrsaver.prg  
+ basic and advanced samples  
- Changed: Added the constant HB\_FM\_STATISTICS\_OFF in hbsetup.h  
Contributed by Grigory Filatov  
(look at 'Harbour Changelog.txt' in folder \harbour and pp.txt in folder \harbour\doc)

\* Updated: HMGS-IDE v.0.3.5. Project Manager and Two-Way Visual Form Designer.  
Contributed by Walter Formigoni  
(look at changelog.txt in folder \Ide)

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:  
- Fixed: index with For condition - problem in the method SetOrder() introduced in the build 24. Problem was reported by Russian user.  
Contributed by Oleg Krutoff

\* New: 'Histogram' sample. Contributed by MigSoft  
(see in folder \samples\Basic\Histogram)

\* New: 'Stock' (Builder of the Function List) sample.  
Contributed by Vladimir Chumachenko  
(see in folder \samples\Advanced\FuncList)

\* Updated: 'Europe' sample. Contributed by Grigory Filatov  
(see in folder \samples\Basic\Europe)

**HMG 1.2 Extended**

**2006-11-07: build 25a**

\* Fixed: The problem with assigning a zero value in the masked Numeric TextBox introduced in the build 25. Reported by Adilson Urso   
Contributed by Grigory Filatov

\* Fixed: The problem with functions \_AddTabPage() and \_DeleteTabPage () in Tab control at xHarbour compiler and WinXP:  
- Changed: All of the begin/add/delete routines now add an empty char value when a page is defined without an image.  
- Enhanced: the routine checks for the FIRST image FOUND which may not be the first element of the image array.  
So now images are displayed even if not all of the pages have an image defined. A compatible blank bitmap is displayed on the pages where an image was not defined.  
Contributed and reported by Jack Daniels   
(see demos in folder \samples\Basic\Tab)

\* Updated: HMGS-IDE v.0.3.4. Project Manager and Two-Way Visual Form Designer.  
Contributed by Walter Formigoni   
(look at changelog.txt in folder \Ide)

\* Changed: HMGS-IDE v.0.3.4 uses a MINIGUI.HLP help file now.  
Based upon a contribution by Janusz Pora   
(look at folder \Ide)

\* New: 'ProgressBar in StatusBar' sample.  
Requested by Nelson Stuardo from Spanish HMG forum.  
Based upon a contribution by Carlos Britos   
(see demo in folder \samples\Advanced\Progress\_Status)

\* New: 'MSConfig CleanUp' sample. Contributed by Grigory Filatov   
(see in folder \samples\Advanced\MSConfig\_Cleanup)

\* Updated: 'Shrink It' sample. Contributed by Grigory Filatov   
(see in folder \samples\Advanced\ShrinkIt)

**HMG 1.2 Extended**

**2006-10-31: build 25**

There is the following changelog for this build:

\* New: Variable type identifier pseudo-functions and abbreviated flow control modifiers.  
Borrowed from What32 library by Andy Wos  
(see i\_pseudofunc.ch in folder Include\)

\* Enhanced: The treatment of NULL values in the function \_SetValue().  
Based upon a contribution by Ivanil Marcelino from brazilian forum MiniGUI.

\* Enhanced: The StatusBar's command CLOCK supports an optional AMPM clause now.  
Based upon an idea borrowed from an OOHG.  
Contributed by Grigory Filatov  
(see demo in folder \samples\Basic\Status)

\* Updated: HMGS-IDE v.0.3.3. Project Manager and Two-Way Visual Form Designer.  
Contributed by Grigory Filatov  
(look at changelog.txt in folder \Ide)

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:  
- Fixed: Support for numeric Picture masks in the method Excel2().  
Based upon a contribution by Oleg Krutoff

\* Changed: HBPrinter library (see source in folder \source\HbPrinter):  
- Fixed: Method Version causes program crash. It was changed to GetVersion.  
Contributed by Grigory Filatov  
(see hbprint\_list.prg in folder \samples\Basic\print\_list)

\* Updated: MiniPrint library:  
- Fixed: aPrinters() function. Based upon a source borrowed from OOHG.  
Contributed by Grigory Filatov  
(see in folder \Source\MiniPrint)

\* New: Fast Find sample. Based upon a contribution by MigSoft  
(see in folder \samples\Basic\FastFind)

\* Updated: MyErrorFunc sample. Contributed by Grigory Filatov  
(see in folder \samples\Basic\MyErrorFunc)

\* Updated: Alarm Clock sample. Contributed by Grigory Filatov  
(see in folder \samples\Advanced\AlarmClock)

**HMG 1.2 Extended**

**2006-10-24: build 24**

There is the following changelog for this build:

\* Enhanced: The clauses WIDTH and HEIGHT can be swapped at the DEFINE WINDOW command.  
Requested by Eduardo Freni  
Contributed by Grigory Filatov

\* Updated: Socket library by Matteo Baccan:  
- the corrections for proper working with a new Harbour`s  
issues  
Contributed by Grigory Filatov  
(see demo in folder \samples\Basic\Socket)

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:  
- Fixed: incremental search with tags in columns  
Problem was reported by Russian user (see sample 3, columns Name and State at demo in folder \samples\Advanced\TSBrowse).  
Contributed by Grigory Filatov  
- New: Enabled method - protects (blocks) displays browse area if parameter set to false (see in chapter Methods of TSBrowse help and in demo - Menu TSBrowse->Report / Excel connectivity in folder \samples\Advanced\TSBrowse)  
- Fixed: Add reset variable ::Len in method SetFilter() to fixed a problem with browsing filtered data.  
Reported by Franz-Josef  
- Fixed: Swapped message WM\_CHAR in HandleEvent() Method.  
Reported by Franz-Josef  
Contributed by Janusz Pora

\* Updated: Harbour Compiler (CVS 2006-10-07 04:25).  
Requested by Jack Daniels  
Contributed by Grigory Filatov  
(look at detailed version info by start harbour.exe with switch /build)

\* New: XML sample. Contributed by Grigory Filatov  
Borrowed from HwGui v2.16 by Alexander Kresin  
(see in folder \samples\Advanced\XMLDEMO)

\* New: Desktop Notes sample. Contributed by Grigory Filatov  
(see in folder \samples\Advanced\DeskNote)

\* Updated: Volume Info samples. Contributed by Grigory Filatov  
(see demos in folder \samples\Advanced\VOLUME\_INFO)

\* Updated: Project Analizer sample for detection of the unused functions.  
Contributed by V.Sadonin  
(see in folder \samples\Advanced\Project\_Analizer)

**HMG 1.2 Extended**

**2006-10-17: build 23b**

There is the following changelog for this build:

\* Fixed: Typo error for RadioGroup in the function \_SetFocus().  
It exists in official version too.  
Reported by Jack Daniels

\* New: HbXml library source code (see in folder \Source\HbXML).  
Borrowed from HwGui v2.16 by Alexander Kresin  
(see demo in folder \samples\Advanced\MRU\_1)

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:  
- Fixed: ComboBox position in form with toolbar  
Based upon a contribution by Oleg Krutoff

\* New: MiniLabel sample. Contributed by Pierpaolo Martinello  
(see demo in folder \samples\Advanced\MiniLabel)

\* Updated: Grid sample. Problem was reported by Russian user.  
Contributed by Grigory Filatov  
(see demo in folder \samples\Basic\Grid\_2)

\* Updated: Splash sample. Contributed by Grigory Filatov  
(see demo in folder \samples\Basic\SPLASHDEMO)

**HMG 1.2 Extended**

**2006-09-20: build 22**

There is the following changelog for this build:

\* Enhanced: GRID control supports now a virtual columns.  
Requested by Bapu  
Contributed by Grigory Filatov  
(see demo in folder \samples\Basic\Grid\_4)

\* Enhanced: CheckBox, CheckButton and ImageCheckButton controls supports an Extended Navigation now.  
Requested by Antonio Carlos da Silva  
Contributed by Jack Daniels

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:  
- Fixed: wrong key input during activation of edition by character key  
Contributed by Oleg Krutoff

\* Updated: Harbour Compiler (CVS 2006-09-18 03:12).  
Contributed by Grigory Filatov  
(look at Harbour Changelog.txt in folder \harbour)

\* Fixed: Printing in RicheditEx sample:  
- the internal variable hDC is available now at HBPrinter library.  
Problem was reported by Alfredo Brizzi  
Contributed by Grigory Filatov  
(see in \samples\Advanced\RicheditEx)

\* Updated: Screenshot Maker sample.  
Contributed by Grigory Filatov  
Problem was reported by Arcangelo Molinaro  
(see in folder \samples\Advanced\ScreenshotMaker)

\* Updated: MRU sample. Contributed by Grigory Filatov  
Problem was reported by Manfred  
(see in folder \samples\Advanced\MRU)

\* Updated: EZTwain sample (demo for using TWAIN driver from MiniGUI).  
Contributed by Grigory Filatov  
(see in folder \samples\Advanced\EZTWAIN)

\* Updated: ON KEY sample. Based upon a contribution by Mel Smith  
(see demo.prg in folder \samples\Basic\On\_Key)

\* New: Form Controls sample. Contributed by Pete Dionysopoulos  
(see demo.prg in folder \samples\Basic\Form\_Controls)

**HMG 1.2 Extended**

**2006-09-14: build 21**

\* Fixed: Double declaration for DEFAULT clause at alternative syntax.  
Reported by Pierpaolo Martinello

\* Fixed: C-code cleaning for spare declarations of include files and constants.  
Contributed by Grigory Filatov

\* Updated: HMGS-IDE v.0.3.2. Project Manager and Two-Way Visual Form Designer.  
Contributed by Walter Formigoni  
(look at changelog.txt in folder \Ide)

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG:  
- Fixed: entering the number with fractional part during activation of edition by character key  
- Fixed: refresh after entering the last field for new record  
- Fixed: support for block bUserKeys (new var nUserKey)  
Contributed by Oleg Krutoff

\* Updated: Harbour Compiler (CVS 2006-09-13 20:35)  
Contributed by Grigory Filatov  
(look at Harbour Changelog.txt in folder \harbour)

\* Updated: Description for HMG Extended Syntax extensions over Official HMG.  
Contributed by Grigory Filatov  
(look at exdiff.txt in folder \Doc)

\* Updated: SendMail sample.  
Contributed by Jacek Kubica  
Problem was reported by Arcangelo Molinaro  
(see in folder \samples\Advanced\SendMail)

\* Updated: Free Memory sample.  
Contributed by Grigory Filatov  
(see in folder \samples\Advanced\FREE\_MEMORY)

\* Updated: Phone Base sample.  
Contributed by Grigory Filatov  
(see in folder \samples\Advanced\PHONE\_BASE)

\* New: AVI Animation sample.  
Contributed by Grigory Filatov  
(see in folder \samples\Advanced\AVI\_Animation)

\* Bug report: Replace this string at top of your source\HbPrinter\WinPrint.prg  
PROTECT hDC INIT 0  
with  
DATA hDC INIT 0  
and recompile HBPRINTER library.

**HMG 1.2 Extended**

**2006-08-31: build 20**

\*2006/08/31: Build 20 (HMG 1.2 Extended) Published.

\* Enhanced: Spinner control supports an Extended Navigation now.  
Requested by Fajlx  
Contributed by Jack Daniels

\* Enhanced: SET NAVIGATION EXTENDED command supports backward moving by pressing Shift-Enter now. Based upon a contribution by Jack Daniels

\* Changed: The function Random(nLimit) have a default nLimit value for backward compatibility with HMG official issue.  
Contributed by Grigory Filatov

\* Updated: Adaptation FiveWin Class TSBrowse 7.0 in HMG: - Changed: Small changes in Method Edit for ComboBox.  
Reported by Oleg Krutoff  
Contributed by Janusz Pora

\* Updated: Harbour Compiler (CVS 2006-08-29 10:25).  
Contributed by Grigory Filatov  
(look at Harbour Changelog.txt in folder \harbour)

\* New: CleanUp sample (Test Client for Win32 Cleanup API).  
Contributed by Grigory Filatov  
(see in folder \samples\Advanced\CleanUp)