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! RE-STORE "Corel_wp.prg"
!
!*****
! "WordPerfect example" for Tech Soft's MS Office function library
!
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! Author:          Sven Henze
! Date:           03-Sep-2001
! Last change:    02-May-2006
!
!*****
!
! Please note: You must set the variable Wpwinvers$ to match your version of WordPerfect !
!
INTEGER Verbose=1          ! switch on/off verbose mode (0=off)
!
! Load the high level function library if not already loaded
IF NOT INMEM("Dde_lib_start") THEN LOADSUB ALL FROM "htbdde.lib"
!
!
! Now we call the custom SUB where the Office functions will be executed
! If you need more calling parameters either include them in the SUB definition
! or use COM blocks
!
CALL Dde_mainprog(Verbose)
!
!
! cleaning up SUB programs (in order to make sure that the most recent versions are loaded every time)
DELSUB Dde_lib_start TO END
!
END
!
SUB Dde_mainprog(OPTIONAL INTEGER Verbose)
!
! *****
! *
! * MS Office Interface for HTBasic: Corel WordPerfect example
! *
! * Version : 2.01.42
! * Author  : Sven Henze, Tech Soft GmbH
! * Created : 03-Sep-2001
! * Updated : 02-May-2006
! *
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! *                               Email: HTB@TechSoft.de
! *                               http://www.techsoft.de/dde.htm
! *
! *****
!
! Description:
! =====
!
! This program show how to insert text and images into a WordPerfect document.
! Please be aware that it may take several seconds to load WordPerfect and to
! connect to the template file. This is a limitation of the WordPerfect system.
!
! You must set the variable Wpwinvers$ to match your version of WordPerfect !
!
! Please note:
! This program was written and optimized for HTBasic 8.3 and higher.
! If you use an older version of HTBasic it might be necessary to remove
! or change some commands. The example does *not* work with HTBasic 7.x due
! to some problems in the CSUB interface within HTBasic 7.x.
!
! define some variables
DIM Doc_template$(1:10)[255],Doc_file$(255),App_exe$(255),Topic$(255),Tmp$(8192),Htbvers$(80),Os$(255),Question$(1024)
INTEGER Printer,Btn,Sys_chn(1:5),Doc_chn(1:10),Result(1:10),App_quit,Language,Printlen,Dummy
DIM Ddecmd$(255),Info$(2048),Bookmark$(128),Doc_password$(128),Sel$(255),Struct_file$(255)
DIM Top$(4096),Sname$(255),Value$(1024),App_name$(255),App$(255),Text$(8192),Ddedriver$(255),Img_file$(255)
DIM G$(5),X$(5),Hl$(5),Hx$(5),CrLf$(8),Wpwinvers$(20),Lf$(5),Tb$(5),Newfile$(5)
!
CrLf$=CHR$(10)&CHR$(13)
!
ON ERROR GOSUB Dde_err_handler          ! Global error handler
!
G$=CHR$(19)          ! character code for inverse printing
X$=CHR$(16)          ! character code for normal printing
Hl$=CHR$(30)         ! character code for "highlighted" printing (different color)
Hx$=CHR$(24)         ! character code for "normal" printing (color)
!
INTEGER Verb_
Verb_=0
IF NPAR>=1 THEN
IF Verbose>0 THEN Verb_=1
END IF
!
Printlen=FNDde_defprintlen ! define printlen for this session
!
! define colors and other settings
INTEGER Custom_colours
Custom_colours=1          ! use custom colours (set to 0 if you do not wish to change colour palette)
!
IF NOT FNDde_init_system(Custom_colours) THEN STOP
!
! Application quit behaviour
! Values:  0 = Do not close the application ever
!          1 = Close the application after all DDE commands have been sent without any warning
!          2 = Prompt the user to close the application
!          >2 = App_quit=Timeout value (prompt the user to close the application until the given timeout has reached)
!             If timeout occurs the dialog will be closed and the application will not be closed automatically
App_quit=2
!
App$="WPWIN"          ! Corel WordPerfect.

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!
! IMPORTANT !!! You must select the proper version number for Wpwinvers$ !!
!
! Valid numbers are: "7", "8", "9", "10", "11", "12", "13"
! Wpwinvers$="12"           ! use this if you are using WordPerfect 12
! Wpwinvers$="13"           ! use this if you are using WordPerfect X3 (release 13)
!
! you can remove the following line in your application if you properly set Wpwinvers$ before
GOSUB Select_wpvers      ! select WordPerfect version with Basic Plus dialog
!
App_name$="WordPerfect"
Topic$=App$&Wpwinvers$
App_exe$=Topic$&".exe"
!
!
! If the specified filename starts with a "*" a new file will be created and saved
!Newfile$="*"           ! uncomment this if you want to create a new file
!
IF Newfile$="*" THEN
    ! If the specified filename starts with a "*" a new file will be created and saved
    Doc_template$(1)=Newfile$&SYSTEM$("MSI")&"\newfile.wpd" ! Create new empty document
ELSE
    Doc_template$(1)=SYSTEM$("MSI")&"\template.wpd"         ! Open WordPerfect template
END IF
Doc_template$(2)=SYSTEM$("MSI")&"\template-output.wpd"     ! WordPerfect output file
!
IF Verb_>0 THEN CALL Dde_programhead("HTBasic - Corel WordPerfect example")
!
CALL Dde_start(App_exe$,Topic$,Sys_chn(1),Language,Verb_)   ! start the DDE application defined in Topic$
!
IF NOT Sys_chn(1) THEN
    BEEP
    GOTO Finish
END IF
!
ALPHA PEN 3
IF Verb_>0 THEN OUTPUT CRT;" "&CHR$(20)&"Sending DDE commands to "&App_name$&X$
ALPHA PEN 1
!
!
! first open a document in WordPerfect
Doc_chn(1)=FNDde_openfile(Topic$,Sys_chn(1),Doc_template$(1),Result(1),Doc_password$,Verb_)
!
IF NOT Doc_chn(1) THEN
    BEEP
    GOTO Finish
END IF
!
!
Myown_dde_cmds: !
!
! =====
!
! ***** Custom DDE programming starts here *****
!
! Todo: Write your own Office programming code here
!
Lf$=CHR$(10)
Tb$=CHR$(9)
!
! CALL Dde_driver_info      ! shows info about DDE driver version and date
!
REAL Fre_mem,Divisor
Divisor=1024
Fre_mem=FRE/(Divisor)
Fre_mem=PROUND(Fre_mem/1024,-1)
!
! fill the text$ array
Text$="MS Office Interface Test for WordPerfect"&Lf$&Lf$
Text$=Text$&"Welcome to the MS Office Interface test for Corel WordPerfect."&Lf$
Text$=Text$&"This text was transferred from BASIC for Windows using the MS Office Interface extension from Tech Soft."&Lf$
Text$=Text$&"A demo version of the MS Office Interface and more info can be found here:"&Lf$
Text$=Text$&"    http://www.TechSoft.de/mso"&Lf$&Lf$&Lf$
Text$=Text$&"***** System information *****"&Lf$
Text$=Text$&"Date: "&Tb$&Tb$&Tb$&DATES(TIMEDATE)&Lf$
Text$=Text$&"Time: "&Tb$&Tb$&Tb$&TIMES(TIMEDATE)&Lf$
Text$=Text$&"BASIC version: "&Tb$&SYSTEM$("VERSION:HPBW")&Lf$
Text$=Text$&"MSI: "&Tb$&Tb$&Tb$&SYSTEM$("MSI")&Lf$
Text$=Text$&"Available memory: "&Tb$&VAL$(Fre_mem)&" MB"&Lf$
Text$=Text$&"Htbdde.dll Driver:  "&Tb$&FNDde_driver_vers$&Lf$
Text$=Text$&"Htbdde.lib Driver:  "&Tb$&FNDde_lib_version$&Lf$&Lf$
!
! goto start of document
Ddeexecute(Doc_chn(1),"PosDocTop",Result(1))
!
! insert text in WordPerfect document
Text$="Type(Text: "&CHR$(34)&Text$&CHR$(34)&")"
Dde_fprint(" -> Inserting text ",Printlen-2,Verb_)
Ddeexecute(Doc_chn(1),Text$,Result(1))
Dde_show_status(Result(1),Verb_)
Dde_fprint(" -> Formatting text ",Printlen-2,Verb_)
Ddeexecute(Doc_chn(1),"PosDocTop",Result(1))
!
! select entire line
Ddeexecute(Doc_chn(1),"SelectLineEnd",Result(1))
!
! change text attribute to "Bold"
Ddeexecute(Doc_chn(1),"AttributeAppearanceToggle(Attrib: Bold!)",Result(1))
Ddeexecute(Doc_chn(1),"PosDocTop",Result(1))
Dde_show_status(Result(1),Verb_)
!
Ddeexecute(Doc_chn(1),"PosDocBottom",Result(1)) ! go to the end of the document
!

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! now we insert a picture file
Img_file$=SYSTEM$("MSI")&"\"&"specplot.gif" ! desired image file
Dde_fprint(" -> Inserting picture '&H1$&Img_file$&'&Hx$,Printlen,Verb_)
Ddeexecute(Doc_chn(1),"BoxCreate (BoxType:"&I&mage"")",Result(1)) ! insert box
Ddeexecute(Doc_chn(1),"BoxContentType (Content:Image!)",Result(1)) ! make it an image box
Ddeexecute(Doc_chn(1),"BoxImageRetrieve (Action: MakeInternal!; Filename: ""&Img_file$&"" )",Result(1)) ! specify ext
ernal filename
Ddeexecute(Doc_chn(1),"BoxHorizontalAlignment (Alignment: AlignColumns!; Position: FullAlign!; Offset: 5)",Result(1)) !
align picture
Ddeexecute(Doc_chn(1),"BoxBorder (Style: ButtonBorder!)",Result(1)) ! apply border
Ddeexecute(Doc_chn(1),"BoxUpdateDisplay ()",Result(1)) ! update display
Ddeexecute(Doc_chn(1),"BoxEnd (State: Save!)",Result(1)) ! save edits
Dde_show_status(Result(1),Verb_)
!
!
! ***** Custom DDE programming ends here *****
!
!=====
!
CALL Dde_focus2basic ! bring HTBasic window back to front
!
!
IF Newfile$="" THEN
! if the file was newly created simply save it under the given name
Dummy=FNDde_savefile(Topic$,Doc_chn(1),Doc_template$(1),Result(1),2,"",Verb_)
ELSE
! Save file under the name specified in Doc_template$(2). Ask for overwrites
Dummy=FNDde_savefile(Topic$,Doc_chn(1),Doc_template$(2),Result(1),0,"",Verb_)
END IF
!
Dde_enter_kbd(" Press <RETURN> to close the document(s).")
!
! Close file and ask if file should be saved
! Doc_chn(1)=FNDde_closefile(Topic$,Sys_chn(1),Doc_template$(1),Result(1))
!
! Close file, do not ask for save
Dummy=FNDde_closefile(Topic$,Sys_chn(1),Doc_template$(1+Dummy),Result(1),1,Verb_)
Finish:
!
! terminate all DDE connections and resources
! if variable "App_quit" is set to 1 or greater the application will be closed
CALL Dde_quit(Sys_chn(1),Doc_chn(1),Result(1),App_quit,Topic$,Verb_,0,1)
!
ALPHA PEN 4
DISP " Program finished."
ALPHA PEN 1
!
SUBEXIT
!
! Global error handler
Dde_err_handler: !
BEEP
Dde_enter_kbd("**** Global Error Handler ****&CrLf$&CrLf$&ERRM$)
ERROR RETURN
!
Select_wpvrs: ! select WordPerfect version with Basic Plus dialog
! subprogram returns the WordPerfect version number in variable Wpwinvers$
DIM M$(1:7)[15],P$[80],But$(1:1)[50]
INTEGER Sel,I
P$="Select your WordPerfect version from"&CrLf$
P$=P$&"the list below and press 'Continue'."
But$(1)="Continue"
!
FOR I=7 TO 13
M$(I-6)="WordPerfect "&VAL$(I)
IF I=13 THEN M$(I-6)="WordPerfect X3"
NEXT I
!
DIALOG "COMBO",P$,Btn;SET ("TITLE": " WordPerfect Version ", "DIALOG BUTTONS":But$(*), "WIDTH":40, "ITEMS":M$(*), "EDITABLE":0,
"SELECTION":6, "JUSTIFICATION": "LEFT"),RETURN ("SELECTION":Sel)
!
Wpwinvers$=VAL$(Sel+7) ! return the selected version number
RETURN
!
SUBEND

```