

```

/*****
MACRO: UAWP8EN.WCM
PURPOSE: Used by PerfectExpert
WARNING: DO NOT delete this file!
*****/
Application (A1; "WordPerfect"; Default; "EN")

Call (Indirect(MacroVar))
Return

/*****
Label (Border_Line)
    InvokeDialog(PageBorderDlg)
    SendKeys("{Alt+B}{L}")
Return

/*****
Label (IP_Background)
if (DoesFileExist (?PathTemplate+Background))
    Filename := ?PathTemplate+Background
    WebBackgroundImage(Filename)
else
    if (DoesFileExist (?PathTemplateSupplemental+Background))
        Filename := ?PathTemplateSupplemental+Background
        WebBackgroundImage(Filename)
    else
        MessageBox(;"GIF file could not be found.")
    endif
endif
Return

/*****
Label (Merge_Form)
    if (?Substructure ())
        SubstructureExit ()
    EndIf
    InhibitInput (State:Off!)
    MergeFileType (Form!)
    InvokeDialog(MergeFormDlg)
    SendKeys("{Alt+U} {Enter} {Alt+N} {Enter}")
Return

/*****
Label (Merge_Data)
    if (?Substructure ())
        SubstructureExit()
        FileNew ()
    EndIf
    InhibitInput (State:Off!)
    MergeFileType (TextData!)
    InvokeDialog(MergeTextDataDlg)
    SendKeys("{Alt+U} {Enter}")
Return

/*****

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```

//Set document initial font
Label (Document_Initial_Font)
    Display(On!)
    If (?Substructure ())
        SubstructureExit()
    EndIf
    DocInitialFontDlg()
Return

//*****
//Set initial font in initial code
Label (DocumentStyle_Initial_Font)
    StyleEditBegin (Style: DocStyle!; Library: CurrentDoc!)
    StyleCodes (State: WithoutOffCodes!; Library: CurrentDoc!)
    PosDocBottom ()
    FontDlg()
    SubstructureExit ()
    StyleEditEnd (State: Save!)
Return

//*****
// Search for text enclosed in <brackets>
Procedure SearchUserFields()
Local Title="PerfectExpert Search Fields"
Ret = True
If (Ret)
    OnNotFound (NoMoreFields)
    SearchString ("<")
    MatchSelection ()
    SearchWrap (Yes!)
    SearchNext (Extended!)
    SearchString (">")
    MatchExtendSelection()
    SearchNext (Extended!)
Else
    MessageBox (; Title; "You must first type or insert some text.")
EndIf
Return

Label (NoMoreFields)
MessageBox (; Title; "No entry fields in this letter body."; IconExclamation!)
Return
EndProc

//*****
//Insert a file at the bottom of the document, with hard page break
Procedure InsertFile()
Error (Off!)
BoxEnd(1)
OnCancel (DelHpg)
PosDocBottom()
HardPageBreak()
ParagraphSpacing (1.0)
FileInsertDlg()
Return

```

```
Label (DelHpg)
DeleteCharPrevious()
ParagraphSpacing (2.0)
EndProc
```

```
/**/
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```
//Insert a file at the bottom of the document, without hard page break
```

```
Procedure InsertFileNoHpg()
```

```
Error (Off!)
```

```
BoxEnd(1)
```

```
OnCancel (DelHpg)
```

```
PosDocBottom()
```

```
ParagraphSpacing (1.0)
```

```
FileInsertDlg()
```

```
Return
```

```
Label (DelHpg)
```

```
DeleteCharPrevious()
```

```
ParagraphSpacing (2.0)
```

```
EndProc
```

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/**/
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```
//Set margins for letter
```

```
Procedure SetMargins()
```

```
OldMarginRight=?MarginRight
```

```
OldMarginLeft=?MarginLeft
```

```
OldMarginTop=?MarginTop
```

```
OldMarginBottom=?MarginBottom
```

```
SpinRight = ?MarginRight
```

```
SpinLeft = ?MarginLeft
```

```
SpinTop = ?MarginTop
```

```
SpinBottom = ?MarginBottom
```

```
Chk=1
```

```
Title= "PerfectExpert"
```

```
DialogDefine ("Dlg"; 50; 50; 163; 130; 1+2+16; Title)
```

```
DialogAddGroupBox ("Dlg"; 0; 8; 5; 135; 80; "Adjust margins for pre-printed letterhead")
```

```
DialogAddText ("Dlg"; 0; 20; 20; 50; 9; 0; "Right")
```

```
DialogAddCounter ("Dlg"; 0; 60; 20; 35; 12; DisplayInches!; SpinRight; 0.0; 4.00; 0.10)
```

```
DialogAddText ("Dlg"; 0; 20; 35; 50; 9; 0; "Left")
```

```
DialogAddCounter ("Dlg"; 0; 60; 35; 35; 12; DisplayInches!; SpinLeft; 0.0; 4.00; 0.10)
```

```
DialogAddText ("Dlg"; 0; 20; 50; 50; 9; 0; "Top")
```

```
DialogAddCounter ("Dlg"; 0; 60; 50; 35; 12; DisplayInches!; SpinTop; 0.0; 4.00; 0.10)
```

```
DialogAddText ("Dlg"; 0; 20; 65; 50; 9; 0; "Bottom")
```

```
DialogAddCounter ("Dlg"; 0; 60; 65; 35; 12; DisplayInches!; SpinBottom; 0.0; 4.00; 0.10)
```

```
DialogAddCheckBox ("Dlg"; 0; 10; 90; 125; 9; "Reset margins after first page"; Chk)
```

```
DialogDisplay ("Dlg"; 1)
```

```
If (MacroDialogResult=1)
```

```
    Error (Off!)
```

```
    QuickmarkSet ()
```

```
    PosDocTop()
```

```
    MarginRight (SpinRight)
```

```
    MarginLeft (SpinLeft)
```

```
    MarginTop (SpinTop)
```

```

MarginBottom (SpinBottom)
If (Chk)
    DelayCodes (PagesToDelay: 1)
        MarginRight (OldMarginRight)
        MarginLeft (OldMarginLeft)
        MarginTop (OldMarginTop)
        MarginBottom (OldMarginBottom)
    SubstructureExit ()
EndIf
QuickmarkFind ()
EndIf
EndProc

//*****
//Insert graphic image
Procedure InsertGraphic()
Title= "PerfectExpert"
DefaultUnits (WPUints!)
Error (Off!)
IsTokenValid (Valid; FigureRetrieveDlg)
If (Valid=False)
    MessageBox (; Title; "Click where you want the graphic to appear and try again.";
        IconExclamation!)
    Return
EndIf
Display(On!)
ScrapbookName = "Scrapbook*"
WPWinName = "Corel WordPerfect - *"
DLLCall Prototype GetFocus ("User32"; "GetForegroundWindow"; DWord!; {})
DLLCall Prototype SetFocus ("User32"; "SetForegroundWindow"; DWord!; {hWnd})
DLLCall Prototype MessageBoxA ("User32"; "MessageBox"; DWord!;
    {hWnd; Title; Text; Options})
WpWin = WPWinName
ExecScrapBook()
hWnd = AppLocate (ScrapbookName)

NumBoxes = ?BoxCount
While (?BoxCount=NumBoxes)
    Wait (1)
    If (AppLocate(ScrapbookName)=0)
        Break
    EndIf
    If (GetFocus()<>hWnd)
        If (?BoxCount=NumBoxes)
            Hrt=NTToC(0F90Ah)
            // Title="PerfectExpert"
            // Msg="Drag a graphic to the WordPerfect document." + Hrt + Hrt+
            // "Or, you may close the scrapbook by clicking on the X button in the "+
            // "upper right corner."
            // MessageBoxA (hWnd; Msg; Title; Integer(4096+48))
        EndIf
        // SetFocus(hWnd)
    EndIf
EndWhile
If (?LeftCode=735)

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Display(Off!)
BoxEdit (?BoxNumber-1)
If (?InTable)
    BoxAttachTo (Paragraph!)
    BoxUpdateDisplay ()
    BoxWidth (?ColumnWidth-100)
    BoxHeight (?RowHeight-100)
    BoxTextFlow (14)
    BoxUpdateDisplay ()
    BoxAttachTo (Paragraph!)
EndIf
BoxEnd (1)
EndIf
If (AppLocate(ScrapbookName)<>0)
    AppClose (hWnd)
EndIf
Return
EndProc

//*****
//Insert graphic image from disk
Procedure InsertGraphicFromDisk()
Title= "PerfectExpert"
DefaultUnits (WPUints!)
Error (Off!)
IsTokenValid (Valid; FigureRetrieveDlg)
If (Valid)
    FigureRetrieveDlg ()
    BoxEdit (?BoxNumber)
    ImageFilename =?BoxContentFilename
    BoxImageRetrieve (Action: LeaveExternal!; Filename: ImageFilename; FileFormat: 551)
    BoxUpdateDisplay ()
    If (?InTable)
        BoxAttachTo (Paragraph!)
        BoxUpdateDisplay ()
        BoxWidth (?ColumnWidth-100)
        BoxHeight (?RowHeight-100)
        BoxTextFlow (14)
        BoxUpdateDisplay ()
        BoxAttachTo (Paragraph!)
    EndIf
    BoxEnd (1)
Else
    MessageBox (; Title; "Click where you want the graphic to appear and try again.";
        IconExclamation!)
EndIf
Return
EndProc

//*****
//Insert a watermark
Procedure InsertWatermark()
IsTokenValid (Valid; FigureRetrieveDlg)
If (Valid=False)
    BoxEnd(1)

```

```

EndIf
ScrapbookName = "Scrapbook*"
WPWinName = "Corel WordPerfect - *"
DLLCall Prototype GetFocus ("User32"; "GetForegroundWindow"; DWord!; {})
DLLCall Prototype SetFocus ("User32"; "SetForegroundWindow"; DWord!; {hWnd})
Display(On!)
ViewPage ()
PosDocVeryTop()
WatermarkA (Action:Create!)
PosDocBottom()
If (?LeftCode<>0)
    SelectAll()
    DeleteCharNext()
EndIf
WpWin = WPWinName
ExecScrapBook()
hWnd = AppLocate (ScrapbookName)
AppActivate (ScrapbookName; Default!)
While ((?LeftCode=0) and (?RightCode=0))
    Wait (1)
    If (AppLocate(ScrapbookName)=0)
        Break
    EndIf
    If (GetFocus()<>hWnd)
        If ((?LeftCode=0) and (?RightCode=0))
            Hrt=NTToC(0F90Ah)
            Title="PerfectExpert"
            Msg="Drag a graphic to the WordPerfect document." + Hrt + Hrt+
            "Or, you may close the scrapbook by clicking on the X button in the "+
            "upper right corner."
            MessageBoxA (hWnd; Msg; Title; Integer(4096+48))
        EndIf
        // SetFocus(hWnd)
    EndIf
EndWhile
SubstructureExit()
If (AppLocate(ScrapbookName)<>0)
    AppClose (hWnd)
EndIf
EndProc

//*****
//Insert a watermark with clipart on disk
Procedure InsertWatermarkFromDisk()
IsTokenValid (Valid; FigureRetrieveDlg)
If (Valid=False)
    BoxEnd(1)
EndIf
PosDocVeryTop()
WatermarkA (Create!)
BoxCreate (WatermarkImageBox!)
DeleteCharNext ()
FigureRetrieveDlg ()
If (?LeftCode=735)
    MarkGood=True

```

```
        BoxUpdateDisplay ()
        BoxEnd (Save!)
Else
    MarkGood=False
EndIf
SubstructureExit ()
If (MarkGood=False)
    WatermarkA (Off!)
Else
    ViewPage ()
EndIf
EndProc
```

```
*****
```

```
//Insert text
Procedure TypeText()
Type (TypeThisText)
EndProc
```

```
*****
```

```
//Test if email is available
Procedure GetEmailStatus()
IsTokenValid (RetVal; MailDlg)
If (RetVal)
    MacroVar = "1"
Else
    MacroVar="0"
EndIf
EndProc
```

```
*****
```

```
//Display choice of bullets
Procedure ViewBullets()
StyleEditBegin (Style: "_."; Library: CurrentDoc!)
StyleCodes (State: WithoutOffCodes!; Library: CurrentDoc!)
DeleteCharNext()
InvokeDialog (WPCharactersDlg)
SendKeys ("4,0")
While (DoesRegionExist ("WordPerfect.WordPerfectCharacters"))
    Wait (1)
EndWhile
SubstructureExit ()
StyleEditEnd (State: Save!)
EndProc
```

```
*****
```

```
//Insert new heading into resume
Procedure InsertResumeHeading()
PosLineVeryBeg()
OnNotFound (StyleNotFound)
SpecificSearchStringBegin ()
StyleSystemOn (Style: "_Section")
SpecificStringEnd ()
```

```
SearchNext (SearchMode: Extended!)
PosLineBeg ()
HardReturn ()
HardReturn ()
PosLineUp ()
PosLineUp ()
StyleSystemOn (Style: "_Section")
Return
```

```
Label (StyleNotFound)
PosDocBottom()
HardReturn ()
HardReturn ()
StyleSystemOn (Style: "_Section")
Return
EndProc
```

```
*****
//Display page border dialog box with line borders
Procedure DisplayPageBorderDlg()
InvokeDialog(PageBorderDlg)
SendKeys (" {Alt+B}L")
EndProc
```

```
*****
//Turn on/off drop caps in style
Procedure ToggleDropCaps()
Application (WordPerfect; "WordPerfect"; Default!; "EN")
StyleEditBegin (Style: "Dropcap"; Library: CurrentDoc!)
StyleCodes (State: WithoutOffCodes!; Library: CurrentDoc!)
If (?RightCode = 6099)
    SelectAll()
    DeleteCharNext ()
Else
    DropCapBegin ()
    DropCapHorizontalAdjustment (Adjustment: 0.0)
    DropCapVerticalAdjustment (Adjustment: 0.0)
    DropCapCharacterSize (Size: 3.0)
    DropCapEnd (State: Save!)
    DropCapControlBar ()
EndIf
SubstructureExit ()
StyleEditEnd (State: Save!)
EndProc
```

```
*****
//Add rotated text box
Procedure AddRotatedText()
Error (Off!)
TextBoxCreate ()
SubstructureExit()
BoxTextAngle (1)
BoxBorder (127)
BoxAttachTo (64)
BoxTextEdit()
```



EndProc

```
//*****  
//Replace art in graphics box  
Procedure ReplaceClipartInBox()  
Ret = FileNameDialog (StyleOptions:OpenDialog!; CaptionText:"Retrieve Figure";  
ButtonText:"Retrieve"; InitialFolder:?PathGraphics; InitialFileName:"*.wpg";  
FileTemplate:"*. *"; RecentFiles:"")  
If (Ret <>"")  
    BoxImageRetrieve (MakeInternal!; Ret)  
EndIf  
BoxUpdateDisplay ()  
EndProc
```

```
//*****  
//Change font in bookmark  
Procedure ChangeFontInBookmark()  
BookmarkBlock (Name: "FontCodes")  
PosBlockBottom ()  
SelectionMode (Off!)  
WP51CursorMovement (On!)  
CurFont = ?Font  
CurFontSize = ?FontSize  
PosCharPrevious()  
WP51CursorMovement (Off!)  
InvokeDialog (FontDlg)  
While (DoesRegionExist("WordPerfect.FontDialog.OKBtn"))  
    Wait (1)  
EndWhile  
NewFont = ?Font  
NewFontSize = ?FontSize  
If ((NewFont <> CurFont) And (NewFontSize <> CurFontSize))  
    BookmarkBlock (Name: "FontCodes")  
    DeleteCharNext()  
    Font (NewFont)  
    FontSize (NewFontSize)  
EndIf  
EndProc
```

```
//*****  
//Sort line in selection  
Procedure SortLine()  
Application (WordPerfect; "WordPerfect"; Default!; "EN")  
SortKeys (Field: 1; Line: 1; Word: 1; SortType: Alphanumeric!; SortOrder: Ascending!)  
SortType (SortType: LineSort!)  
SortAction (SortAction: Sort!)  
SortUndo (State: Undo!)  
SortCaseOrder (Case: LowercaseFirst!)  
SortSelectString (SelectString: "")  
Sort ()  
EndProc
```

```
//*****  
//Count words in abstract of a report  
Procedure CountWordsInAbstract()
```

```

If (Not ?BlockActive)
    Quit
EndIf
SelText=?SelectedText
SelectMode(Off!)
NumWords = WordCount (SelText; ; ; CountWords!)
AvgLength = WordCount (SelText; ; ; AverageLength!)
MessageBox (; "There are ^0 words in the abstract, with an average length of ^1 characters per
word."; HasParameters!; Integer(NumWords); Integer(AvgLength))
EndProc

//*****
//Format page in landscape
Procedure LandscapeFormat()
PH=?PaperLength
PW=?PaperWidth
If (PW<PH)
PosDocVeryTop()
PaperSizeAdd (Name: "ua Landscape"; Width: PW; Length: PH; WidthAdjust: 0.0";
LengthAdjust: 0.0"; Flags: 6; Location: Continuous!; Type: Standard!; Use: None!;
ReturnAddressHoriz: 0.0";
ReturnAddressVert: 0.0"; MailingAddressHoriz: 0.0"; MailingAddressVert: 0.0")
PaperSizeSelect (Name: "ua Landscape"; Width: PH; Height: PW; Type: Standard!)
EndIf
EndProc

//*****
//Generate documents if it contains references
Label(Generate)
if (IsTokenValid(x ;GenerateDlg))
    GenerateDoc (Save!; NoUndo!; CreateHypertext!)
else
    MessageBox("PerfectExpert"; "There are no references in your document.")
endif
Return

//
*****//
* Creates an Presentations data chart in Corel WordPerfect from a table
Label(Chart)
    Application (WordPerfect; "WordPerfect"; Default!; "EN")
    Display(On!)
    InhibitInput(Off!)
    IF(DoesFileExist(?PathProgram ()+"prwin8.exe")=FALSE)
        MessageBox(vStatus; "PerfectExpert"; "Corel Presentations 8 was not found on
the system, run the install program and install Corel Presentations 8."; OK!)
    QUIT
    ENDIF
    SelectTable ()
    TableSelectOff ()
    GraphicCreateChart()
    Application (Presentations; "Presentations"; "EN")
    Presentations.OleCloseFile ()
    Application (WordPerfect; "WordPerfect"; "EN")
    BoxEnd(Save!)

```

Return

```
//  
*****//  
* Sets several columns of a table to equal width  
Label(EqualizeColumns)  
    if (IsTokenValid(x; TableColumnWidthEqualize))  
        TableColumnWidthEqualize()  
    else  
        MessageBox(;"PerfectExpert";"You need to select 2 or more columns first.")  
    Endif  
Return
```