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//*****
//*   MACRO: WATERMRK.WCM
//*   PURPOSE: Helps user create a watermark from a .wpg file or from text.
//*****
Application (A1; "WordPerfect"; Default; "EN")

If (?Substructure)
    MessageBox (; "Not At Main Edit Screen"; "This macro can be played only from the
    main editing screen. Exit all substructures (headers, text boxes, etc.) and play the macro
    again."; IconStop!)
    Quit
EndIf

DefaultFontSize := 48p           // Default font size
WtmkA := 1                       // Default to use watermark A
WpgWtmk := 1                     // Default to graphic watermark
Path := ?PathGraphics
If (Path = "")
    Path := ?PathGraphicsSupplemental
EndIf
If (Path = "")
    Path := ?PathProgram
    Call (CheckDir@)
EndIf
If (SubStr (Path; StrLen (Path); 1) <>"")
    Path := Path + "\"
EndIf
HeightOfBox := ?PaperLength
WidthOfBox := ?PaperWidth

Label (MainDialog@)
DialogDefine ("Dlg1"; 50; 50; 154; 68; 1 + 2 + 16; "Watermark Options")
DialogAddGroupBox ("Dlg1"; "Gb2"; 8; 4; 58; 38; "T&ype")
DialogAddRadioButton ("Dlg1"; "Rb5"; 18; 14; 38; 11; "&Graphic"; WpgWtmk)
DialogAddRadioButton ("Dlg1"; "Rb4"; 18; 26; 38; 11; "&Text"; TxtWtmk)
DialogAddGroupBox ("Dlg1"; "Gb3"; 74; 4; 72; 38; "&Placement")
DialogAddRadioButton ("Dlg1"; "Rb6"; 84; 14; 53; 11; "Watermark &A"; WtmkA)
DialogAddRadioButton ("Dlg1"; "Rb7"; 84; 26; 53; 11; "Watermark &B"; WtmkB)
Display (On!)
DialogDisplay ("Dlg1"; "Rb5")
DialogResult := MacroDialogResult
DialogDestroy ("Dlg1")
Display (Off!)
If (DialogResult = 2)
    Go (End@)
EndIf

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If (TxtWtmk = 1)
    Call (TextWatermark@)
Else
    Call (GraphicWatermark@)
EndIf

// Do this only at the main document screen
While (?Substructure <>0)
SubstructureExit ()
EndWhile
MacroStatusPrompt (On!; "Placing watermark...")
If (WtmkA = 1)
    If (?WatermarkAOccur <>0)
        StructureName := "Watermark A"
        Call (StructureExists@)
    EndIf
    WatermarkA (Create!)
Else
    If (WtmkB = 1)
        If (?WatermarkBOccur <>0)
            StructureName := "Watermark B"
            Call (StructureExists@)
        EndIf
        WatermarkB (Create!)
    EndIf
EndIf

If (TxtWtmk = 1)
    CenterCurrentPage (On!)
    Justification (Center!)
    FontSize (DefaultFontSize)
    Type (WatermarkText)
    Display (On!)
    MessageBox (MsgBoxResult; "Watermark Text Options"; "The current font is ^0, and the
current size is ^1. Would you like to change these options?"; IconQuestion! | YesNo! |
HasParameters!; ?Font; DefaultFontSize)
    Display (Off!)
    If (MsgBoxResult = 6)
        PosDocTop ()
        FontDlg ()
    EndIf
Else
    BoxCreate (WatermarkImageBox!)
    BoxAttachTo (Page!)
    BoxHorizontalAlignment (AlignMargins!; FullAlign!; 0.0")

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        BoxVerticalAlignment (FullAlign!; 0.0")
        BoxBorder (0)
        BoxContentType (Image!)
        OnError Call(ImageError@)
        BoxImageRetrieve (MakeInternal!; Watermark)
        BoxEnd (Save!)
    EndIf
SubstructureExit ()

Label (End@)
Quit

//*****
/*    ROUTINE: TextWatermark@
/*    INPUT VARIABLES: none
/*    OUTPUT VARIABLES:
/*    DESCRIPTION: Displays a dialog for entering watermark text.
//*****
Label (TextWatermark@)
DialogDefine ("Dlg1"; 50; 50; 166; 112; 1 + 2 + 16; "Watermark Creation Macro")
DialogAddEditBox ("Dlg1"; "Eb1"; 8; 8; 150; 50; 64 + 32; WatermarkText; 1024)
DialogAddHLine ("Dlg1"; "Hl1"; 6; 66; 154)
DialogAddText ("Dlg1"; "T1"; 8; 70; 150; 20; 1; "Enter text to place in the watermark. Use Ctrl-
Enter to start a new line.")
Display (On!)
DialogDisplay ("Dlg1"; "Eb1")
DialogResult := MacroDialogResult
DialogDestroy ("Dlg1")
Display (Off!)
If (DialogResult = 2)
    Go (End@)
EndIf
Return
//*****

//*****
/*    ROUTINE: GraphicWatermark@
/*    INPUT VARIABLES: none
/*    OUTPUT VARIABLES:
/*    DESCRIPTION: Displays a dialog for selecting a watermark graphic.
//*****
Label (GraphicWatermark@)
Watermark=FileNameDialog (OpenDialog! | FileMustExist!; "Open Watermark"; ; Path;
""; ".*")
If(Watermark="")
    Wait(1)

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        MessageBox (rVal;"Select Watermark";"You must select a valid graphic
file.";Style:OKCancel!|IconExclamation! )
        If(rVal=1)    // OK
            Go (GraphicWatermark@)
        Else        //Cancel
            Go (MainDialog@)
        EndIf
    EndIf
Return
//*****

//*****
/*    ROUTINE: StructureExists@
/*    INPUT VARIABLES: StructureName
/*    OUTPUT VARIABLES:
/*    DESCRIPTION: Displays a message box.
//*****
Label (StructureExists@)
MessageBox (MsgBoxResult; StructureName + " Already Exists"; "^0 already exists. If you
continue, the new watermark will replace the current one."; IconExclamation! | OKCancel! |
HasParameters!; StructureName)
If (MsgBoxResult <>1)
    Go (MainDialog@)
EndIf
Return
//*****

//*****
/*    ROUTINE: CheckDir@
/*    INPUT VARIABLES: Path
/*    OUTPUT VARIABLES: Path
/*    DESCRIPTION: This will create a dialog to prompt for a directory.
//*****
Label (CheckDir@)
DialogDefine ("PathDlg"; 50; 50; 165; 72; 1 + 2 + 16; "Graphic Directory")
DialogAddFilenameBox ("PathDlg"; "Fb1"; 8; 8; 150; 14; 1; Path; Path; "*.*.*)
DialogAddText ("PathDlg"; "T1"; 8; 28; 150; 20; 1; "Please select the directory that contains the
Watermark graphics files.")
Label (Redisplay@)
Display (On!)
DialogDisplay ("PathDlg"; "Fb1")
Display (Off!)
If (MacroDialogResult = 2)
    DialogDestroy ("PathDlg")
    Go (End@)
EndIf

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If (Path = "")
    Go (Redisplay@)
EndIf
DialogDestroy ("PathDlg")
If (SubStr (Path; StrLen (Path); 1) <>"")
    Path := Path + "\"
EndIf
Return
//*****

//***** Error opening image *****
Label(ImageError@)
    MessageBox(rVal;"Error";"There was an error opening "+Watermark+". Make sure it is a
    valid graphic file and try again.";OK!|ICONEXCLAMATION!)
    BoxEnd(Cancel!)
    SubstructureExit()
    If(WtmkA=1)
        WatermarkA (Action: Off!)
    Else
        WatermarkB(Action: Off!)
    EndIf
    Quit
Return

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