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//*****
//*  MACRO:  HEADFOOT.WCM
//*  PURPOSE: Add Headers/Footers to your Presentations Slide Show.
//*****
APPLICATION (Presentations; "Presentations"; Default; "EN")

PWidthW:=EnvFormInfo(1)
PHeightW:=EnvFormInfo(0)
vMLeft:=EnvFormInfo(4)
vMTop:=EnvFormInfo(2)
vMRight:=EnvFormInfo(5)
vMBottom:=EnvFormInfo(3)

vXLeft:=(vMLeft)
vXRight:=(PWidthW - vMRight)

    // Header
vXBottom:=(PHeightW - (vMTop+ 150w))
vXTop:=(vXBottom - 600w)
    // Footer
vXXBottom:=(vMBottom + 400w)
vXXTop:=(vXXBottom - 600w)

GLOBAL vSlideNum:=1
GLOBAL vSlideNum2:=1
GLOBAL vMode:=0
GLOBAL vApply:=0 // 0-Apply All 1-Apply to Current
GLOBAL vStepNum:=0
GLOBAL vStepStay:=0
Call(CheckPRState)
vHeader:=1
vFooter:=0
vLeft:="Date"
vCenter:="Slide title"
vRight:="Slide number"
vTextColor:="Blue"
GLOBAL RGBColors[]={0;0;0}
vMin:=0
vDel:=0

Call(Pick)
Call(MainDialog)

LABEL(Pick)
    DIALOGDEFINE("Pick"; 50; 50; 105; 95; Percent!|OK!; "Headers/Footers")
    DIALOGADDGROUPBOX("Pick"; 101; 12; 6; 80; 54; "Select")
    DIALOGADDRADIOBUTTON("Pick"; 102; 28; 22; 40; 10; "&Header"; vHeader)
    DIALOGADDRADIOBUTTON("Pick"; 103; 28; 38; 40; 10; "&Footer"; vFooter)
    DIALOGSHOW("Pick"; "Presentations")
    DIALOGDESTROY("Pick")
RETURN

LABEL(MainDialog)
    IF(vHeader = 1)
        DIALOGDEFINE(100;50;50;310;130;Percent!|Cancel!;"Create Header")
    ELSE
        DIALOGDEFINE(100;50;50;310;130;Percent!|Cancel!;"Create Footer")
    ENDIF
    DIALOGADDGROUPBOX(100; 101; 4; 3; 86; 32; "&Left")
    DIALOGADDGROUPBOX(100; 102; 110; 3; 86; 32; "&Center")
    DIALOGADDGROUPBOX(100; 103; 218; 3; 86; 32; "&Right")
    DIALOGADDVLINE(100; 104; 99; 6; 66)

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DIALOGADDVLINE(100; 105; 207; 6; 66)
DIALOGADDCOMBOBOX(100; 106; 12; 15; 72; 70; Sorted!|Droplist!; vLeft; 0)
DIALOGADDCOMBOBOX(100; 107; 118; 15; 72; 70; Sorted!|Droplist!; vCenter; 0)
DIALOGADDCOMBOBOX(100; 108; 226; 15; 72; 70; Sorted!|Droplist!; vRight; 0)
FOR(x; 106; x<109; x+1)
    DialogAddListItem(100; x; "Date")
    DialogAddListItem(100; x; "User input")
    DialogAddListItem(100; x; "Slide number")
    DialogAddListItem(100; x; "Blank")
    DialogAddListItem(100; x; "Filename")
    DialogAddListItem(100; x; "Slide title")
ENDFOR
DIALOGADDTEXT(100; 109; 3; 38; 35; 11; 1; "User input:")
DIALOGADDTEXT(100; 110; 114; 38; 35; 11; 1; "User input:")
DIALOGADDTEXT(100; 111; 222; 38; 35; 11; 1; "User input:")
DIALOGADDEDITBOX(100; 112; 8; 49; 70; 11; Left!; vLeftText; 125)
DIALOGADDEDITBOX(100; 113; 116; 49; 70; 11; Left!; vCenterText; 125)
DIALOGADDEDITBOX(100; 114; 224; 49; 70; 11; Left!; vRightText; 125)
DIALOGADDHLINE(100; 115; 3; 70; 305)
DIALOGADDTEXT(100; 116; 8; 77; 40; 11; 1; "&Text color:")
DIALOGADDCOMBOBOX(100; 117; 13; 90; 72; Sorted!|Droplist!; vTextColor; 0)
    DialogAddListItem(100; 117; "Red")
    DialogAddListItem(100; 117; "White")
    DialogAddListItem(100; 117; "Black")
    DialogAddListItem(100; 117; "Blue")
    DialogAddListItem(100; 117; "Green")
    DialogAddListItem(100; 117; "Yellow")
    DialogAddListItem(100; 117; "Gray (Light)")
    DialogAddListItem(100; 117; "Gray (Dark)")
    DialogAddListItem(100; 117; "Magenta")
    DialogAddListItem(100; 117; "Cyan")
DIALOGADDCHECKBOX(100; 119; 155; 81; 160; 10; "Minimize Presentations for faster changes"; vMin)
DIALOGADDCHECKBOX(100; 121; 155; 93; 125; 10; "&Delete previous headers/footers."; vDel)
DIALOGADDPUSHBUTTON(100; "APPLYButton"; 166; 111; 40; 13; NonDefaultBtn!; " &Apply ")
DIALOGADDPUSHBUTTON(100; "APPLYALLButton"; 212; 111; 45; 13; NonDefaultBtn!; " A&pply to All ")
DIALOGLOAD(100; "Presentations")
RegionEnableWindow("100.109"; Disable!)
RegionEnableWindow("100.110"; Disable!)
RegionEnableWindow("100.111"; Disable!)
RegionEnableWindow("100.112"; Disable!)
RegionEnableWindow("100.113"; Disable!)
RegionEnableWindow("100.114"; Disable!)
IF(vMode = 1)
    RegionEnableWindow("100.APPLYALLButton"; Disable!)
ENDIF
RegionSetFocus("100.CancelBtn")
DIALOGSHOW(100;;MainLoop)
CallBackWait()
DialogDestroy(100)
Call(IsSaved)
Call(NumberofSlide)
IF(vMin = 1)
    PRActivate ()
    ApplicationMinimize ()
ENDIF
WaitMsgInit ()
WaitMsgDisplay ("Adding Header/Footer... "; 0)
Call(AddHeaderFooter)
WaitMsgHide ()
WaitMsgDestroy ()
IF(vMin = 1)
    ApplicationRestore ()

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ENDIF
QUIT

LABEL(MainLoop)
  if(MainLoop[5]=274)
    DialogDestroy(100)
    QUIT
  endif
  if(MainLoop[5]=273)
    switch(MainLoop[3])
      caseof"APPLYButton":
        DialogDismiss("100";"APPLYButton")
        vApply:=1
        CallBackResume()
      caseof"APPLYALLButton":
        DialogDismiss("100";"APPLYALLButton")
        vApply:=0
        CallBackResume()
      caseof"CancelBttn":
        DialogDestroy(100)
        QUIT
      caseof"106":
        vLeft = RegionGetSelectedText("100.106")
        IF(vLeft = "User input")
          RegionEnableWindow("100.109"; Enable!)
          RegionEnableWindow("100.112"; Enable!)
        ELSE
          RegionEnableWindow("100.109"; Disable!)
          RegionEnableWindow("100.112"; Disable!)
        ENDIF
      caseof"107":
        vCenter = RegionGetSelectedText("100.107")
        IF(vCenter = "User input")
          RegionEnableWindow("100.110"; Enable!)
          RegionEnableWindow("100.113"; Enable!)
        ELSE
          RegionEnableWindow("100.110"; Disable!)
          RegionEnableWindow("100.113"; Disable!)
        ENDIF
      caseof"108":
        vRight = RegionGetSelectedText("100.108")
        IF(vRight = "User input")
          RegionEnableWindow("100.111"; Enable!)
          RegionEnableWindow("100.114"; Enable!)
        ELSE
          RegionEnableWindow("100.111"; Disable!)
          RegionEnableWindow("100.114"; Disable!)
        ENDIF
    endswitch
  endif
RETURN

LABEL(ErrorX)
  // Just return back.
RETURN

LABEL(AddHeaderFooter)
  IF((vMode = 2)AND(vApply = 0))
    SlideShowSlide()
    ShowSlide(1)
  ENDIF
  UnselectAllObjects()

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FOR(x; 1; x<(vSlideNum+1); x+1)
WaitMsgDisplay ("Adding Header/Footer... "; vStepNum)
vStepNum:=(vStepNum + vStepStay)
  IF(vDel = 1)
    OnError Call(ErrorX)
    UnselectAllObjects ()
    BeginSelect ()
    ObjectPointSelect (vMLeft; (vXTop + 600w); No!)
    vHeight:=EnvGetObjectHeight()
    vWidth:=EnvGetObjectWidth()
    IF((vHeight < 265W)AND(vHeight > 240W))
      DeleteObjects ()
    ENDIF
    UnselectAllObjects ()
    BeginSelect ()
    ObjectPointSelect (vMLeft; (vXXTop + 600w); No!)
    vHeight:=EnvGetObjectHeight()
    vWidth:=EnvGetObjectWidth()
    IF((vHeight < 265W)AND(vHeight > 240W))
      DeleteObjects ()
    ENDIF
  ENDIF
  IF(vHeader = 1)
    AddTextBox (vXLeft; vXBottom; vXRight; vXTop)
  ELSE
    AddTextBox (vXLeft; vXXBottom; vXRight; vXXTop)
  ENDIF
  ObjectSetFrameState (FrameState: FrameOff!)
  ObjectSetFillState (FillState: Filled!)
  SetFontFace (FontName: "Arial")
  SetFontFace (PointSize: 12)
  RGBColors[]=ConvertColor(vTextColor; RGBColors[])
  SetFontPattern (BrushPattern: Solid!; Grad1Red:RGBColors[1]; Grad1Green:RGBColors[2]; Grad1Blue:RGBColors[3];
  Grad2Red: 255; Grad2Green: 255; Grad2Blue: 255; 0; 0; 0; PenFRed: RGBColors[1]; PenFGreen:RGBColors[2];
  PenFBlue:RGBColors[3]; PenHorzWidth: 0; PenVertWidth: 0; eFlags: FramedClosedFilled!; PenStyle: 0; PenPattern: 0)
  RealizeFontChanges ()
  TextTab ()
  IF(vLeft != "User input")
    DoInput(vLeft; x)
  ELSE
    Type(Text: vLeftText)
  ENDIF
  TextLayoutCenter ()
  IF(vCenter != "User input")
    DoInput(vCenter; x)
  ELSE
    Type(Text: vCenterText)
  ENDIF
  TextLayoutFlushRight ()
  IF(vRight != "User input")
    DoInput(vRight; x)
  ELSE
    Type(Text: vRightText)
  ENDIF
  Type (Text: " ")
  TextEditExit ()
  UnselectAllObjects ()
  IF((vMode = 2)AND(vApply = 0))
    SlideNext()
  ENDIF
ENDFOR
WaitMsgDisplay ("Adding Header/Footer... "; 100)

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RETURN

PROCEDURE DoInput(vInput; vNum)

IF(vInput = "Date")

DateText ()

ENDIF

IF(vInput = "Slide number")

IF(vMode = 2)

IF(vApply = 0)

Type(Text: "Slide "+vNum+" of "+vSlideNum)

ELSE

vNumX:=EnvCurrentSlideNumber()

Type(Text: "Slide "+vNumX+" of "+vSlideNum2)

ENDIF

ENDIF

IF(vMode = 1)

Type(Text: "Page 1")

ENDIF

ENDIF

IF(vInput = "Blank")

ENDIF

IF(vInput = "Filename")

vSfilename:=EnvCurrentFilename

IF(vSfilename != "")

Type(Text: vSfilename)

ELSE

Type(Text: "(Unsaved)")

ENDIF

ENDIF

IF(vInput = "Slide title")

IF(vMode = 2)

vStitle:=EnvSlideTitle()

IF(vStitle != "")

Type(Text: vStitle)

ELSE

Type(Text: "(Untitled)")

ENDIF

ENDIF

IF(vMode = 1)

Type(Text: "(Untitled)")

ENDIF

ENDIF

ENDPROC

LABEL(NumberofSlide)

IF(vMode = 2)

vSlideNum2:=EnvNumberOfSlides()

ENDIF

IF((vMode = 2)AND(vApply = 0))

vSlideNum:=EnvNumberOfSlides()

ELSE

vSlideNum:=1

ENDIF

vStepStay:=(100 / vSlideNum)

RETURN

Label(CheckPRState)

vMode:=EnvCurrentMode()

if((vMode != 1)AND(vMode != 2))

BEEP

MESSAGEBOX(vStatus; "Header/Footer Error"; "Presentations must be in the Slide Editor or Drawing mode."; IconStop!)

Quit

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endif
Return

LABEL(IsSaved)
IF((vLeft = "Filename")OR(vCenter = "Filename")OR(vRight = "Filename"))
vIsSaved:=EnvCurrentFilename
IF(vIsSaved = "")
    MessageBox(vYesNo; "File not saved"; "You are requesting a ""filename"" as a Header/Footer, but you do not have your
document saved. A ""(Unsaved)"" will be inserted. Would you like to continue?"; YesNo! | IconStop!)
    IF(vYesNo = 7) // NO
        QUIT
    ENDIF
ENDIF
ENDIF
RETURN

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Function ConvertColor(vColor; vRGB[]) // 1=RED, 2=GREEN, 3=BLUE

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vRGB[1]:=0
vRGB[2]:=0
vRGB[3]:=0
if(vColor = "Black")
    // No change needed
endif
if(vColor = "White")
    vRGB[1]:=255
    vRGB[2]:=255
    vRGB[3]:=255
endif
if(vColor = "Red")
    vRGB[1]:=255
endif
if(vColor = "Blue")
    vRGB[3]:=255
endif
if(vColor = "Green")
    vRGB[2]:=255
endif
if(vColor = "Cyan")
    vRGB[2]:=255
    vRGB[3]:=255
endif
if(vColor = "Magenta")
    vRGB[1]:=255
    vRGB[3]:=255
endif
if(vColor = "Yellow")
    vRGB[1]:=255
    vRGB[2]:=255
endif
if(vColor = "Gray (Light)")
    vRGB[1]:=191
    vRGB[2]:=191
    vRGB[3]:=191
endif
if(vColor = "Gray (Dark)")
    vRGB[1]:=124
    vRGB[2]:=124
    vRGB[3]:=124
endif
Return(vRGB[])
EndFunc

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//*****
//  Wait Message Procedures
//*****
PROCEDURE WaitMsgInit ()
  DialogDefine ("WaitMsg"; 50; 50; 150; 50; 16; "Please Wait")
  DialogAddText ("WaitMsg"; "WaitText"; 8; 10; 144; 16; 1; "")
  DialogAddProgress("WaitMsg"; "WaitBar"; 10; 30; 130; 15)
  DialogLoad ("WaitMsg"; "Presentations")
  Return
ENDPROC
PROCEDURE WaitMsgDisplay (Text; Number)
  RegionSetWindowText ("WaitMsg" + ".WaitText"; Text)
  RegionSetProgressPercent("WaitMsg" + ".WaitBar"; Number)
  DialogShow ("WaitMsg";; WaitDlgCallBack)
ENDPROC
PROCEDURE WaitDlgCallBack ()
  If (WaitDlgCallBack[5] = 274 And WaitDlgCallBack[6] = 61536)
    Assert (CancelCondition!)
  EndIf
ENDPROC
PROCEDURE WaitMsgHide ()
  DialogDismiss ("WaitMsg"; "WaitText")
ENDPROC
PROCEDURE WaitMsgDestroy ()
  DialogDestroy ("WaitMsg")
ENDPROC
//*****
```