TimeMachine.asp

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<!-- METADATA TYPE="typelib" UUID="{DF9225FE-94A4-490D-8CAD-E8366CE621D3}"-->
<%

Dim MyDocument, MyDocTemplate, MyDocSection, MyDocPageSection, DocOddTemplate, footerTemplate
Dim DocEvenTemplate, DocOddLabel, DocOddLabelOne, DocEvenLabel, DocEvenLabelOne, MyPage
Dim PageLabel, PageLabelOne, PageLabelTwo, PageLabelGen, PageLabelDisc, PageBarCode
Dim MyTextArea
Dim SectionPageLabel, SectionPageTitle
Dim titlePageOutline, chaptersOutline

Call Main()

Sub Main()
 Set MyDocument = Server.CreateObject( "DynamicPDF.Document" )
 MyDocument.Creator = "TimeMachine.asp"
 MyDocument.Author = "H. G. Wells"
 MyDocument.Title = "The Time Machine"
 Set MyDocTemplate = MyDocument.SetEvenOddTemplate
 ' Adds elements to the header and footer groups
 SetPageHeaderTemplate()
 SetPageFooterTemplate()
  ' Sets up outline hierarchy
 Set titlePageOutline = MyDocument.AddXYOutline( "The Time Machine", 1, 0, 0 )
 Set chaptersOutline = titlePageOutline.AddOutline( "Chapters" )
 ' Builds the report
 BuildDocument()
 MyDocument.DrawToWeb 'Draw the Document to ASP
 Set titlePageOutline = Nothing
 Set chaptersOutline = Nothing
 Set MyPage = Nothing
 Set MyDocument = Nothing
End Sub

Private Sub BuildDocument()
 ' Adds Title MyPage to MyDocument
 Set MyDocSection = MyDocument.SetSectionStart
 MyDocSection.NumberingStyle = DPDF_NumberingStyle_None
 MyDocSection.PreFix =  "Cover"
 Call AddTitlePage()
 Set MyDocPageSection = MyDocument.SetSectionStart
 MyDocPageSection.NumberingStyle = DPDF_NumberingStyle_Numeric
 MyDocPageSection.Prefix = "Page "
 Set footerTemplate = MyDocPageSection.SetTemplate()
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 Dim MyPageNumberLabel
 Set MyPageNumberLabel = footerTemplate.AddPageNumberingLabel( "- %%SP%% -", 0, 478, 324, 11 )
 MyPageNumberLabel.Font = DPDF_Font_TimesRoman
 MyPageNumberLabel.FontSize = 11
 MyPageNumberLabel.Align = DPDF_TextAlign_Center
 MyPageNumberLabel.PageOffset = -1

 ' Adds Chapters to the MyDocument
 Call AddChapter( Server.MapPath( "./Text/TimeMachine_Chapter1.txt" ), "1", "Chapter 1", chaptersOutline )
 Call AddChapter( Server.MapPath( "./Text/TimeMachine_Chapter2.txt" ), "2", "Chapter 2", chaptersOutline )
 Call AddChapter( Server.MapPath( "./Text/TimeMachine_Chapter3.txt" ), "3", "Chapter 3", chaptersOutline )
 Call AddChapter( Server.MapPath( "./Text/TimeMachine_Chapter4.txt" ), "4", "Chapter 4", chaptersOutline )
 Call AddChapter( Server.MapPath( "./Text/TimeMachine_Chapter5.txt" ), "5", "Chapter 5", chaptersOutline )
 Call AddChapter( Server.MapPath( "./Text/TimeMachine_Chapter6.txt" ), "6", "Chapter 6", chaptersOutline )
 Call AddChapter( Server.MapPath( "./Text/TimeMachine_Chapter7.txt" ), "7", "Chapter 7", chaptersOutline )
 Call AddChapter( Server.MapPath( "./Text/TimeMachine_Chapter8.txt" ), "8", "Chapter 8", chaptersOutline )
 Call AddChapter( Server.MapPath( "./Text/TimeMachine_Chapter9.txt" ), "9", "Chapter 9", chaptersOutline )
 Call AddChapter( Server.MapPath( "./Text/TimeMachine_Chapter10.txt" ), "10", "Chapter 10", chaptersOutline )
 Call AddChapter( Server.MapPath( "./Text/TimeMachine_Chapter11.txt" ), "11", "Chapter 11", chaptersOutline )
 Call AddChapter( Server.MapPath( "./Text/TimeMachine_Chapter12.txt" ), "12", "Chapter 12", chaptersOutline )
    ' Add the Epilogue to the documet
    Call AddChapter( Server.MapPath( "./Text/TimeMachine_Epilogue.txt" ), "Epilogue", "Epilogue", titlePageOutline )
End Sub

Sub SetPageHeaderTemplate()
 ' Uncomment the Line below to add a layout grid to the MyDocument
 ' headerTemplate.Elements.Add(New LayoutGrid())
 'Adds elements to the header template
 Set DocOddTemplate = MyDocTemplate.OddElements()
 Set DocOddLabel = DocOddTemplate.AddLabel( "The Time Machine", -18, -18, 324, 11 )
 DocOddLabel.Font = DPDF_Font_TimesRoman
 DocOddLabel.FontSize = 11
 DocOddLabel.Align = DPDF_TextAlign_Left
 Set DocOddLabelOne = DocOddTemplate.AddLabel( "H. G. Wells", 18, -18, 324, 11 )
 DocOddLabelOne.Font = DPDF_Font_TimesRoman
 DocOddLabelOne.FontSize = 11
 DocOddLabelOne.Align = DPDF_TextAlign_Right
 Set DocEvenTemplate = MyDocTemplate.EvenElements()
 Set DocEvenLabel = DocEvenTemplate.AddLabel( "H. G. Wells", -18, -18, 324, 11 )
 DocEvenLabel.Font = DPDF_Font_TimesRoman
 DocEvenLabel.FontSize = 11
 DocEvenLabel.Align = DPDF_TextAlign_Left
 Set DocEvenLabelOne = DocEvenTemplate.AddLabel( "The Time Machine", 18, -18, 324, 11 )
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 DocEvenLabelOne.Font = DPDF_Font_TimesRoman
 DocEvenLabelOne.FontSize = 11
 DocEvenLabelOne.Align = DPDF_TextAlign_Right
End Sub

Sub SetPageFooterTemplate()
 ' Adds elements to the footer template
 Dim MyPageNumberLabel
 Set MyPageNumberLabel = MyDocTemplate.AddPageNumberingLabel( "- %%SP%% -", 0, 478, 324, 11 )
 MyPageNumberLabel.Font = DPDF_Font_TimesRoman
 MyPageNumberLabel.FontSize = 11
 MyPageNumberLabel.Align = DPDF_TextAlign_Center
 MyPageNumberLabel.PageOffset = -1
End Sub

Sub AddTitlePage()
 ' Adds a title MyPage to the MyDocument
 Call AddPage()
 ' Uncomment the line below to add a layout grid to the section header MyPages
 ' MyPage.Elements.Add(New LayoutGrid())
 Dim disclaimer
    disclaimer = "This document is in the public domain. Permission to use, copy, modify, and distribute " &_
     "this document for any" & vbCrLf & "purpose and without fee is hereby granted, without any" & vbCrLf &"conditions or
restrictions. The barcode below is " & vbCrLf & "for demonstration purposes only."
 Dim generated
 generated = "Generated by" & vbCrLf & "DynamicPDF Generator for COM/ActiveX" & vbCrLf & "on " & Cstr(FormatDateTime( Now(), 1
))
 Set PageLabel = MyPage.AddLabel( "The Time Machine", 36, 36, 252, 30 )
 PageLabel.Font = DPDF_Font_TimesBold
 PageLabel.FontSize = 30
 PageLabel.Align = DPDF_TextAlign_Center
 Set PageLabelOne = MyPage.AddLabel( "by H. G. Wells", 36, 96, 252, 22 )
 PageLabelOne.Font = DPDF_Font_TimesBold
 PageLabelOne.FontSize = 22
 PageLabelOne.Align = DPDF_TextAlign_Center
 Set PageLabelTwo = MyPage.AddLabel( "1895", 36, 148, 252, 22 )
 PageLabelTwo.Font = DPDF_Font_TimesBold
 PageLabelTwo.FontSize = 22
 PageLabelTwo.Align = DPDF_TextAlign_Center
 MyPage.AddImage Server.MapPath( "./Images/DPDFLogo.png" ), 62, 208, 21
 Set PageLabelGen = MyPage.AddLabel( generated, 132, 206, 182, 55 )
 PageLabelGen.Font = DPDF_Font_TimesRoman
 PageLabelGen.FontSize = 11
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 Set PageLabelDisc = MyPage.AddLabel( disclaimer, 36, 274, 252, 66 )
 PageLabelDisc.Font = DPDF_Font_TimesRoman
 PageLabelDisc.FontSize = 11
 PageLabelDisc.Align = DPDF_TextAlign_Justify
 set PageBarCode = MyPage.AddEan13Sup5( "12345678901212345", 82, 360 )
 PageBarCode.SupplementalValue = "90000"
 MyPage.ApplyDocumentTemplate = False
End Sub

Sub AddChapter( filePath, title, bookmarkText, parentOutline )
 ' Retreives the text from the sections file
 Dim MySectionText
 MySectionText = GetTextFromFile( filePath )
 ' Adds the first MyPage of the section
 Set MyPage = AddSectionHeaderPage( title, bookmarkText, parentOutline )
 MyPage.ApplyDocumentTemplate = False
 'Creates a TextArea for the sections text
 Set MyTextArea = MyPage.AddTextArea( MySectionText, 0, 146, 324, 322 )
 MyTextArea.Font = DPDF_Font_TimesRoman
 MyTextArea.FontSize = 11
 MyTextArea.Leading = 14
 MyTextArea.ParagraphSpacing = 20
 ' Creates a TextArea for the overflow text
 Dim MyText
 Set MyText = MyTextArea.GetOverflowTextArea( 0, 0 )
 ' Loops until no overflow text is found.
 Do While Not ( MyText is Nothing )
    ' Create a new Page
  If Not( MyText is Nothing ) Then
   Call AddPage()
   Set MyTextArea = MyPage.AddOverflowTextArea( MyText )
   MyTextArea.Width = 324
   MyTextArea.Height = 468
   MyTextArea.Font = DPDF_Font_TimesRoman
   MyTextArea.FontSize = 11
   MyTextArea.Leading = 14
  End if
     Set MyText = MyTextArea.GetOverflowTextArea( 0, 0 )
 Loop
End Sub

Function AddSectionHeaderPage( title, bookmarkText, parentOutline )
 Dim MyBookMark
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 ' Adds the first MyPage of a section to the MyDocument
 Call AddPage()
 ' Uncomment the line below to add a layout grid to the section header MyPages
 ' MyPage.Elements.Add(New LayoutGrid())
 Set MyBookMark = MyPage.AddBookmark( bookmarkText, 0, 0 )
 MyBookMark.ParentOutline = parentOutline
 Set SectionPageLabel = MyPage.AddLabel( "The Time Machine", 0, 36, 324, 30 )
 SectionPageLabel.Font = DPDF_Font_TimesBold
 SectionPageLabel.FontSize = 30
 SectionPageLabel.Align = DPDF_TextAlign_Center
 Set SectionPageTitle = MyPage.AddLabel( title, 0, 96, 324, 22 )
 SectionPageTitle.Font = DPDF_Font_TimesBold
 SectionPageTitle.FontSize = 22
 SectionPageTitle.Align = DPDF_TextAlign_Center
 MyPage.AddLine 120, 128, 204, 128
 Set AddSectionHeaderPage = MyPage
End Function

Function GetTextFromFile( filePath )
 ' Opens a text file and returns the text from it.
 Dim MyFSO
 Dim MyTextFile
 Dim MySectionText
 Set MyFSO = Server.CreateObject( "Scripting.FileSystemObject" )
 Set MyTextFile = MyFSO.OpenTextFile( filePath, 1, 0 )  'Reading file
 MySectionText = MyTextFile.ReadAll
 MyTextFile.Close()
 Set MyTextFile = Nothing
 Set MyFSO = Nothing
 GetTextFromFile = MySectionText
End Function

Sub AddPage()
 Set MyPage = MyDocument.AddPage()
 MyPage.PageWidth = 396
 MyPage.PageHeight = 540
 MyPage.MarginTop = 36
 MyPage.MarginLeft = 36
 MyPage.MarginBottom = 36
 MyPage.MarginRight = 36
End Sub
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