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1 <%@ Page Language="vb" Src="SourceView.aspx.vb" Inherits="Web_VB.GeneratorExamples.SourceView" Title="View Source of the  
selected example - DynamicPDF" %>
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1 Imports System
2 Imports System.IO
3
4 Imports ceTe.DynamicPDF
5 Imports ceTe.DynamicPDF.PageElements
6
7 Namespace Web_VB.GeneratorExamples
8     Public Class SourceView
9         Inherits System.Web.UI.Page
10
11     #Region "Member Variables"
12
13         '////////////////////////////////////////
14         ' Begin Setting Region
15         ' These settings are for editable. Modify the settings below based on your requirements
16         Private Shared MyFont As Font = Font.Courier
17         Private Const FontSize As Single = 9.0F
18         Private Shared PageDimensions As PageDimensions = New PageDimensions(PageSize.Letter, PageOrientation.Landscape, 36.0F)
19         Private Shared Left As Single = MyFont.GetTextWidth("0000", FontSize) + 6
20         Private Shared Top As Single = Font.Helvetica.GetDefaultLeading(10.0F) + 3.0F
21         Private Shared Bottom As Single = PageDimensions.Body.Height - 12
22         Private Shared LineWidth As Single = PageDimensions.Body.Width - Left
23         Private Const TabSpaces As String = "    "
24         Private Shared MyTemplate As Template
25         Private Const FooterText As String = "<p align=""center"">This PDF was generated in real-time using
<i>Dynamic</i><b>PDF</b>; Generator for .NET. www.dynamicpdf.com</p>"
26         '////////////////////////////////////////
27
28         Private LineNum As Integer = 1
29         Private CurrentUrl As String = ""
30         Private AspxUrl As String = ""
31         Private CodeBehindUrl As String = ""
32         Private CurrentPosition As Single = 0
33         Private MyPage As ceTe.DynamicPDF.Page = Nothing
34         Private MyDocument As Document = Nothing
35
36     #End Region
37
38     #Region "Constructors"
39
40         Shared Sub New()
41             MyTemplate = New Template
```

```
42         MyTemplate.Elements.Add(New Line(0, Top - 1, PageDimensions.Body.Width, Top - 1))
43         MyTemplate.Elements.Add(New Line(0, Top - 1, PageDimensions.Body.Width, Top - 1))
44         MyTemplate.Elements.Add(New Line(Left - 3, Top - 1, Left - 3, Bottom))
45         MyTemplate.Elements.Add(New Line(0, Bottom, PageDimensions.Body.Width, Bottom))
46         MyTemplate.Elements.Add(New FormattedTextArea(FooterText, 0, Bottom + 1.0F, PageDimensions.Body.Width, 10,
FontFamily.Helvetica, 10, False))
47         MyTemplate.Elements.Add(New Link(0, Bottom + 1, PageDimensions.Body.Width, 14, New
UrlAction("http://www.dynamicpdf.com/?lf=SrcView")))
48         End Sub
49
50 #End Region
51
52 #Region "Page Load"
53     Private Sub Page_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
54         'Put user code to initialize the page here
55
56         Dim ClassPath As String = Request.QueryString("class")
57
58         If ClassPath Is Nothing Then
59             Response.Write(" No File Selected ")
60             Return
61         End If
62
63         If (ClassPath.IndexOf("/") >= 0 Or ClassPath.IndexOf("\") >= 0) Then
64             Response.Write("For security reasons slashes are not allowed in the class name ")
65             Return
66         End If
67
68         AspxUrl = Server.MapPath(ClassPath + ".aspx")
69         CodeBehindUrl = AspxUrl + ".vb"
70
71         If Not ((File.Exists(AspxUrl)) Or (File.Exists(CodeBehindUrl))) Then
72             Response.Write("Class name does not exist")
73             Return
74         End If
75
76         ' Create a document and set it's properties
77         MyDocument = New Document
78         MyDocument.Creator = "SourceView.aspx"
79         MyDocument.Author = "ceTe Software"
80         MyDocument.Title = "Source View"
81
```

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82         ' Set the template to the document
83         MyDocument.Template = MyTemplate
84
85         ' Add a bookmark to the ASPX page
86         MyDocument.Outlines.Add("ASPX Page", New XYDestination(1, 0, 0))
87         ' Add the source of the ASPX page to the document
88         AddSource(AspxUrl)
89         ' Add a bookmark to the code behind page
90         MyDocument.Outlines.Add("Code Behind Page", New XYDestination(MyDocument.Pages.Count + 1, 0, 0))
91         ' Add the source of the code behind page to the document
92         AddSource(CodeBehindUrl)
93
94         MyDocument.DrawToWeb("SourceView.pdf")
95
96     End Sub
97 #End Region
98
99 #Region "Private Methods"
100
101     Private Sub AddSource(ByVal FilePath As String)
102         ' reset the line number
103         LineNum = 1
104         CurrentUrl = System.IO.Path.GetFileName(FilePath)
105
106         ' Add the initial source page to the document
107         AddSourcePage()
108
109         ' Open file
110         Dim SourceCode As StreamReader = New StreamReader(FilePath)
111
112         Dim StrLine As String = SourceCode.ReadLine()
113         ' Loop over each line
114         While Not StrLine Is Nothing
115             AddSourceLine(StrLine)
116             StrLine = SourceCode.ReadLine()
117         End While
118
119         ' Close the file
120         SourceCode.Close()
121
122     End Sub
123
```

```
124 Private Sub AddSourceLine(ByVal Line As String)
125     ' Clean up text
126     Dim StrTrimmed As String = Line.Trim()
127     Dim MyLine As TextArea = New TextArea(Line.Replace("    ", TabSpaces), Left, CurrentPosition, LineWidth, Bottom -
CurrentPosition, MyFont, FontSize)
128     Dim FltHeight As Single = MyLine.GetRequiredHeight()
129
130     ' Set line color if it is a comment
131     If (StrTrimmed.StartsWith("//") Or StrTrimmed.StartsWith("'")) Then
132         MyLine.TextColor = RgbColor.Green
133     End If
134
135     ' Add a new page if line does not fit
136     If (CurrentPosition + FltHeight + 2 > Bottom) Then
137         AddSourcePage()
138         MyLine.Y = CurrentPosition
139     End If
140
141     ' Add line number and line text to page
142     MyPage.Elements.Add(New Label(LineNum.ToString(), 0, CurrentPosition, Left - 6, FontSize, MyFont, FontSize,
TextAlign.Right, Grayscale.Gray))
143     MyPage.Elements.Add(MyLine)
144     ' increment for next line
145     CurrentPosition += FltHeight + 2
146     LineNum = LineNum + 1
147 End Sub
148
149 Private Sub AddSourcePage()
150     ' Adds a new page to the document
151     MyPage = New ceTe.DynamicPDF.Page(PageDimensions)
152
153     ' Adds the file name to the page
154     Dim Url As TextArea = New TextArea(CurrentUrl, 0, 0, MyPage.Dimensions.Body.Width, 100, Font.Helvetica, 10.0F,
RgbColor.DarkBlue)
155     MyPage.Elements.Add(Url)
156     ' Resets the current position for the page
157     CurrentPosition = Top + 1.0F
158
159     ' Adds the page to the document
160     MyDocument.Pages.Add(MyPage)
161 End Sub
162
```

```
163
164 #End Region
165
166     End Class
167 End Namespace
```