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1 <%@ Page Language="vb" Src="USEnvelope.aspx.vb" Inherits="Web_VB.GeneratorExamples.USEnvelope" %>
2 <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN" >
3
4 <html>
5   <head>
6     <title>DynamicPDF Generator v10.0 for .NET - US Envelope Addresser Example</title>
7     <link rel="stylesheet" type="text/css" href="../DynamicPDF.css">
8   </head>
9   <body MS_POSITIONING="GridLayout">
10
11     <div id="banner">
12       
13       <div id="header"><i>Dynamic</i><b>PDF</b> Generator v10.0 for .NET Examples</div>
14       <h1>US Envelope Addresser Example</h1>
15     </div>
16
17     <div id="content">
18       <form id="USEnvelope" method="get" target="_blank" runat="server">
19         <table border=0>
20           <tr><td colspan=2><b>From Address:</b></td></tr>
21           <tr><td>Name:</td><td><asp:TextBox id="txtFromName" Text="ceTe Software" runat="server" /></td></tr>
22           <tr><td>Address:</td><td><asp:TextBox id="txtFromAddress" Text="5950 Symphony Woods Road" runat="server" /></td></tr>
23           <tr><td>&nbsp;</td><td><asp:TextBox id="txtFromAddress2" Text="Suite 616" runat="server" /></td></tr>
24           <tr><td>City:</td><td><asp:TextBox id="txtFromCity" Text="Bethesda" runat="server" /></td></tr>
25           <tr><td>State:</td><td><asp:TextBox id="txtFromState" Text="MD" runat="server" /></td></tr>
26           <tr><td>Zip:</td><td><asp:TextBox id="txtFromZip" Text="21044" runat="server" /></td></tr>
27           <tr><td colspan=2><b>To Address:</b></td></tr>
28           <tr><td>Name:</td><td><asp:TextBox id="txtToName" Text="Any Company" runat="server" /></td></tr>
29           <tr><td>Address:</td><td><asp:TextBox id="txtToAddress" Text="123 Main Street" runat="server" /></td></tr>
30           <tr><td>&nbsp;</td><td><asp:TextBox id="txtToAddress2" runat="server" /></td></tr>
31           <tr><td>City:</td><td><asp:TextBox id="txtToCity" Text="Anywhere" runat="server" /></td></tr>
32           <tr><td>State:</td><td><asp:TextBox id="txtToState" Text="MD" runat="server" /></td></tr>
33           <tr><td>Zip:</td><td><asp:TextBox id="txtToZip" Text="20815-4704" runat="server" /></td></tr>
34           <tr><td colspan=2 align=center><asp:Button id="btnCreateEnvelope" Text="Create Envelope" runat="server" /></td></tr>
35         </table>
36       </form>
37     </div>
38
39   </body>
40 </html>
```

```
1 Imports System
2 Imports Microsoft.VisualBasic
3
4 Imports ceTe.DynamicPDF
5 Imports ceTe.DynamicPDF.PageElements
6 Imports ceTe.DynamicPDF.PageElements.BarCoding
7
8 Namespace Web_VB.GeneratorExamples
9     Public Class USEnvelope
10         Inherits System.Web.UI.Page
11
12         Protected txtFromName As System.Web.UI.WebControls.TextBox
13         Protected txtFromAddress As System.Web.UI.WebControls.TextBox
14         Protected txtFromAddress2 As System.Web.UI.WebControls.TextBox
15         Protected txtFromCity As System.Web.UI.WebControls.TextBox
16         Protected txtFromState As System.Web.UI.WebControls.TextBox
17         Protected txtFromZip As System.Web.UI.WebControls.TextBox
18
19         Protected txtToName As System.Web.UI.WebControls.TextBox
20         Protected txtToAddress As System.Web.UI.WebControls.TextBox
21         Protected txtToAddress2 As System.Web.UI.WebControls.TextBox
22         Protected txtToCity As System.Web.UI.WebControls.TextBox
23         Protected txtToState As System.Web.UI.WebControls.TextBox
24         Protected txtToZip As System.Web.UI.WebControls.TextBox
25
26         Protected btnCreateEnvelope As System.Web.UI.WebControls.Button
27
28         Private Sub Page_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
29             If IsPostBack Then
30                 'Create a MyDocument and set it's properties
31                 Dim MyDocument As ceTe.DynamicPDF.Document = New ceTe.DynamicPDF.Document
32                 MyDocument.Creator = "USEnvelope.aspx"
33                 MyDocument.Author = "ceTe Software"
34                 MyDocument.Title = "US Envelope"
35
36                 'Create a MyPage and add it to the MyDocument.
37                 Dim MyPage As ceTe.DynamicPDF.Page = New ceTe.DynamicPDF.Page(PageSize.Envelope10, PageOrientation.Landscape,
18)
38                 MyDocument.Pages.Add(MyPage)
39
40                 'Uncomment the line below to show a layout grid.
41                 'MyPage.Elements.Add(New LayoutGrid())
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42
43     'Add MyPage elements to the MyPage
44     MyPage.Elements.Add(New Image(MapPath("../Images/DPDFLogo.png"), 0, 2, 0.16F))
45     MyPage.Elements.Add(New TextArea(GetFromAddress(), 50, 0, 400, 40, Font.Helvetica, 10))
46     MyPage.Elements.Add(New TextArea(GetToAddress(), 300, 140, 400, 48, Font.Helvetica, 12))
47     MyPage.Elements.Add(New Postnet(txtToZip.Text, 300, 248))
48
49     'Check for an error
50     Try
51         MyDocument.DrawToWeb("USEnvelope.pdf")
52     Catch barCodeValue As InvalidValueBarCodeException
53         'Show the Postnet value error
54         ShowErrorDocument("Invalid To Zipcode. To zipcode must be a valid US zipcode.", "")
55     Catch general As Exception
56         'Show a general error
57         ShowErrorDocument(general.Message, general.StackTrace)
58     Finally
59         'If no error end response.
60         Response.End()
61     End Try
62 End If
63 End Sub
64
65
66 Private Sub ShowErrorDocument(ByVal Message As String, ByVal StackTrace As String)
67     'Shows the error in a PDF MyDocument
68     Response.Clear()
69     Dim MyDocument As Document = New Document
70     Dim MyPage As ceTe.DynamicPDF.Page = New ceTe.DynamicPDF.Page(PageSize.Letter, PageOrientation.Portrait)
71
72     Dim MyMessage As TextArea = New TextArea(Message, 0, 0, 512, 36, Font.Helvetica, 18, RgbColor.Red)
73     MyMessage.Height = MyMessage.GetRequiredHeight()
74     MyPage.Elements.Add(MyMessage)
75
76     If StackTrace.Trim().Length > 0 Then
77         Dim StackTraceTop As Single = MyMessage.Y + MyMessage.Height + 20
78
79         Dim StackTraceMessage As TextArea = New TextArea(StackTrace, 0, StackTraceTop, 512, 692 - StackTraceTop,
80 Font.Helvetica, 10)
81
82         MyPage.Elements.Add(New ceTe.DynamicPDF.PageElements.Label("StackTrace:", 0, StackTraceTop - 12, 512, 12,
83 Font.HelveticaBold, 10))
```

```
82         MyPage.Elements.Add(StackTraceMessage)
83     End If
84     MyDocument.Pages.Add(MyPage)
85     MyDocument.DrawToWeb("ErrorDocument.pdf")
86 End Sub
87
88 Private Function GetFromAddress() As String
89     'Returns a formatted From Address
90     Return GetAddress(txtFromName.Text, txtFromAddress.Text, txtFromAddress2.Text, txtFromCity.Text, txtFromState.Text,
txtFromZip.Text)
91 End Function
92
93 Private Function GetToAddress() As String
94     'Returns a formatted To Address
95     Return GetAddress(txtToName.Text, txtToAddress.Text, txtToAddress2.Text, txtToCity.Text, txtToState.Text,
txtToZip.Text)
96 End Function
97
98 Private Function GetAddress(ByVal Name As String, ByVal Address As String, ByVal Address2 As String, ByVal City As
String, ByVal State As String, ByVal Zip As String) As String
99     'Formats a US address
100     Dim MyAddress As String = Name.Trim() + vbCrLf
101     MyAddress += Address.Trim() + vbCrLf
102     If Address2.Trim().Length > 0 Then
103         MyAddress += Address2.Trim() + vbCrLf
104     End If
105     MyAddress += City.Trim() + ", " + State.Trim() + " " + Zip.Trim()
106
107     Return MyAddress
108 End Function
109
110 End Class
111 End Namespace
```