USEnvelope.aspx

```
<%@ Page Language="vb" Src="USEnvelope.aspx.vb" Inherits="Web_VB.GeneratorExamples.USEnvelope" %>
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN" >

<html>
  <head>
    <title>DynamicPDF Generator v10.0 for .NET - US Envelope Addresser Example</title>
    <link rel="stylesheet" type="text/css" href="../DynamicPDF.css">
  </head>
  <body MS_POSITIONING="GridLayout">

    <div id="banner">
      <img src="../Images/DynamicPDF_top.gif" align=right><img src="../Images/ceTeSoftware_top.gif">
      <div id="header"><i>Dynamic</i><b>PDF</b> Generator v10.0 for .NET Examples</div>
      <h1>US Envelope Addresser Example</h1>
    </div>

   <div id="content">
      <form id="USEnvelope" method="get" target="_blank" runat="server">
        <table border=0>
          <tr><td colspan=2><b>From Address:</b></td></tr>
          <tr><td>Name:</td><td><asp:TextBox id="txtFromName" Text="ceTe Software" runat="server" /></td></tr>
          <tr><td>Address:</td><td><asp:TextBox id="txtFromAddress" Text="5950 Symphony Woods Road" runat="server" /></td></tr>
          <tr><td> </td><td><asp:TextBox id="txtFromAddress2" Text="Suite 616" runat="server" /></td></tr>
          <tr><td>City:</td><td><asp:TextBox id="txtFromCity" Text="Bethesda" runat="server" /></td></tr>
          <tr><td>State:</td><td><asp:TextBox id="txtFromState" Text="MD" runat="server" /></td></tr>
          <tr><td>Zip:</td><td><asp:TextBox id="txtFromZip" Text="21044" runat="server" /></td></tr>
          <tr><td colspan=2><b>To Address:</b></td></tr>
          <tr><td>Name:</td><td><asp:TextBox id="txtToName" Text="Any Company" runat="server" /></td></tr>
          <tr><td>Address:</td><td><asp:TextBox id="txtToAddress" Text="123 Main Street" runat="server" /></td></tr>
          <tr><td> </td><td><asp:TextBox id="txtToAddress2" runat="server" /></td></tr>
          <tr><td>City:</td><td><asp:TextBox id="txtToCity" Text="Anywhere" runat="server" /></td></tr>
          <tr><td>State:</td><td><asp:TextBox id="txtToState" Text="MD" runat="server" /></td></tr>
          <tr><td>Zip:</td><td><asp:TextBox id="txtToZip" Text="20815-4704" runat="server" /></td></tr>
          <tr><td colspan=2 align=center><asp:Button id="btnCreateEnvelope" Text="Create Envelope" runat="server" /></td></tr>
        </table>
      </form>
 </div>

  </body>
</html>
```

USEnvelope.aspx.vb

```
Imports System
Imports Microsoft.VisualBasic

Imports ceTe.DynamicPDF
Imports ceTe.DynamicPDF.PageElements
Imports ceTe.DynamicPDF.PageElements.BarCoding

Namespace Web_VB.GeneratorExamples
    Public Class USEnvelope
        Inherits System.Web.UI.Page

        Protected txtFromName As System.Web.UI.WebControls.TextBox
        Protected txtFromAddress As System.Web.UI.WebControls.TextBox
        Protected txtFromAddress2 As System.Web.UI.WebControls.TextBox
        Protected txtFromCity As System.Web.UI.WebControls.TextBox
        Protected txtFromState As System.Web.UI.WebControls.TextBox
        Protected txtFromZip As System.Web.UI.WebControls.TextBox

        Protected txtToName As System.Web.UI.WebControls.TextBox
        Protected txtToAddress As System.Web.UI.WebControls.TextBox
        Protected txtToAddress2 As System.Web.UI.WebControls.TextBox
        Protected txtToCity As System.Web.UI.WebControls.TextBox
        Protected txtToState As System.Web.UI.WebControls.TextBox
        Protected txtToZip As System.Web.UI.WebControls.TextBox

        Protected btnCreateEnvelope As System.Web.UI.WebControls.Button

        Private Sub Page_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
            If IsPostBack Then
                'Create a MyDocument and set it's properties
                Dim MyDocument As ceTe.DynamicPDF.Document = New ceTe.DynamicPDF.Document
                MyDocument.Creator = "USEnvelope.aspx"
                MyDocument.Author = "ceTe Software"
                MyDocument.Title = "US Envelope"

                'Create a MyPage and add it to the MyDocument.
                Dim MyPage As ceTe.DynamicPDF.Page = New ceTe.DynamicPDF.Page(PageSize.Envelope10, PageOrientation.Landscape,
18)
                MyDocument.Pages.Add(MyPage)

                'Uncomment the line below to show a layout grid.
                'MyPage.Elements.Add(New LayoutGrid())
```

```
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,
Font.Helvetica, 10)
80
81                MyPage.Elements.Add(New ceTe.DynamicPDF.PageElements.Label("StackTrace:", 0, StackTraceTop - 12, 512, 12,
Font.HelveticaBold, 10))
```

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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
111End Namespace
```