

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

```
1 using System;
2 using ceTe.DynamicPDF;
3 using ceTe.DynamicPDF.PageElements;
4 using ceTe.DynamicPDF.PageElements.BarCoding;
5
6 namespace Web_CSharp.GeneratorExamples
7 {
8     public class USEnvelope : System.Web.UI.Page
9     {
10         protected System.Web.UI.WebControls.TextBox txtFromName;
11         protected System.Web.UI.WebControls.TextBox txtFromAddress;
12         protected System.Web.UI.WebControls.TextBox txtFromAddress2;
13         protected System.Web.UI.WebControls.TextBox txtFromCity;
14         protected System.Web.UI.WebControls.TextBox txtFromState;
15         protected System.Web.UI.WebControls.TextBox txtFromZip;
16         protected System.Web.UI.WebControls.TextBox txtToName;
17         protected System.Web.UI.WebControls.TextBox txtToAddress;
18         protected System.Web.UI.WebControls.TextBox txtToAddress2;
19         protected System.Web.UI.WebControls.TextBox txtToCity;
20         protected System.Web.UI.WebControls.TextBox txtToState;
21         protected System.Web.UI.WebControls.TextBox txtToZip;
22         protected System.Web.UI.WebControls.Button btnCreateEnvelope;
23
24         private void Page_Load(object sender, System.EventArgs e)
25         {
26             if( IsPostBack )
27             {
28                 // Create a document and set it's properties
29                 ceTe.DynamicPDF.Document document = new ceTe.DynamicPDF.Document();
30                 document.Creator = "USEnvelope.aspx";
31                 document.Author = "ceTe Software";
32                 document.Title = "US Envelope";
33
34                 // Create a page and add it to the document.
35                 ceTe.DynamicPDF.Page page = new ceTe.DynamicPDF.Page( PageSize.Envelope10, PageOrientation.Landscape, 18 );
36                 document.Pages.Add( page );
37
38                 // Uncomment the line below to show a layout grid.
39                 //page.Elements.Add( new LayoutGrid() );
40
41                 // Add page elements to the page
42                 page.Elements.Add( new Image( MapPath( "../Images/DPDFLogo.png" ), 0, 2, 0.16f ) );
43                 page.Elements.Add( new TextArea( GetFromAddress(), 50, 0, 350, 80, Font.Helvetica, 10 ) );
44                 page.Elements.Add( new TextArea( GetToAddress(), 300, 140, 360, 100, Font.Helvetica, 12 ) );
45                 page.Elements.Add( new Postnet( txtToZip.Text, 300, 248 ) );
46
47                 // Check for an error
48                 try
49                 {
50                     document.DrawToWeb( "USEnvelope.pdf" );
```

```
51     }
52     catch( InvalidValueBarCodeException )
53     {
54         // Show the Postnet value error
55         ShowErrorDocument( "Invalid To Zipcode. To zipcode must be a valid US zipcode.", "" );
56     }
57     catch( Exception excGeneral )
58     {
59         // Show a general error
60         ShowErrorDocument( excGeneral.Message, excGeneral.StackTrace );
61     }
62     finally
63     {
64         Visible = false;
65     }
66 }
67
68
69 private void ShowErrorDocument( string message, string stackTrace )
70 {
71     // Shows the error in a PDF document
72     Response.Clear();
73     Document document = new Document();
74     ceTe.DynamicPDF.Page page = new ceTe.DynamicPDF.Page( PageSize.Letter, PageOrientation.Portrait );
75
76     TextArea messageArea = new TextArea( message, 0, 0, 512, 36, Font.Helvetica, 18, RgbColor.Red );
77     messageArea.Height = messageArea.GetRequiredHeight();
78     page.Elements.Add( messageArea );
79
80     if( stackTrace.Trim().Length > 0 )
81     {
82         float stackTraceTop = messageArea.Y + messageArea.Height + 20;
83         TextArea stackTraceTA = new TextArea( stackTrace, 0, stackTraceTop, 512, 692 - stackTraceTop, Font.Helvetica, 10
84 );
85         page.Elements.Add( new ceTe.DynamicPDF.PageElements.Label( "StackTrace:", 0, stackTraceTop - 12, 512, 12,
86 Font.HelveticaBold, 10 ) );
87         page.Elements.Add( stackTraceTA );
88     }
89     document.Pages.Add( page );
90     document.DrawToWeb();
91
92     private string GetFromAddress()
93     {
94         // Returns a formatted From Address
95         return GetAddress( txtFromName.Text, txtFromAddress.Text, txtFromAddress2.Text, txtFromCity.Text, txtFromState.Text,
96 txtFromZip.Text );
97     }
98
99     private string GetToAddress()
```

```
98     {
99         // Returns a formatted To Address
100         return GetAddress( txtToName.Text, txtToAddress.Text, txtToAddress2.Text, txtToCity.Text, txtToState.Text,
101             txtToZip.Text );
102     }
103     private string GetAddress( string name, string address, string address2, string city, string state, string zip )
104     {
105         // Formats a US address
106         string myAddress = name.Trim() + "\n";
107         myAddress += address.Trim() + "\n";
108         if( address2.Trim().Length > 0 ) myAddress += address2.Trim() + "\n";
109         myAddress += city.Trim() + ", " + state.Trim() + " " + zip.Trim();
110         return myAddress;
111     }
112 }
113 }
```