USEnvelope.aspx

```
<%@ Page language="c#" Src="USEnvelope.aspx.cs" Inherits="Web_CSharp.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="Columbia" 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.cs

```
using System;
using ceTe.DynamicPDF;
using ceTe.DynamicPDF.PageElements;
using ceTe.DynamicPDF.PageElements.BarCoding;

namespace Web_CSharp.GeneratorExamples
{
    public class USEnvelope : System.Web.UI.Page
    {
        protected System.Web.UI.WebControls.TextBox txtFromName;
        protected System.Web.UI.WebControls.TextBox txtFromAddress;
        protected System.Web.UI.WebControls.TextBox txtFromAddress2;
        protected System.Web.UI.WebControls.TextBox txtFromCity;
        protected System.Web.UI.WebControls.TextBox txtFromState;
        protected System.Web.UI.WebControls.TextBox txtFromZip;
        protected System.Web.UI.WebControls.TextBox txtToName;
        protected System.Web.UI.WebControls.TextBox txtToAddress;
        protected System.Web.UI.WebControls.TextBox txtToAddress2;
        protected System.Web.UI.WebControls.TextBox txtToCity;
        protected System.Web.UI.WebControls.TextBox txtToState;
        protected System.Web.UI.WebControls.TextBox txtToZip;
        protected System.Web.UI.WebControls.Button btnCreateEnvelope;

        private void Page_Load(object sender, System.EventArgs e)
        {
            if( IsPostBack )
            {
                // Create a document and set it's properties
                ceTe.DynamicPDF.Document document = new ceTe.DynamicPDF.Document();
                document.Creator = "USEnvelope.aspx";
                document.Author = "ceTe Software";
                document.Title = "US Envelope";

                // Create a page and add it to the document.
                ceTe.DynamicPDF.Page page = new ceTe.DynamicPDF.Page( PageSize.Envelope10, PageOrientation.Landscape, 18 );
                document.Pages.Add( page );

                // Uncomment the line below to show a layout grid.
                //page.Elements.Add( new LayoutGrid() );

                // Add page elements to the page
                page.Elements.Add( new Image( MapPath( "../Images/DPDFLogo.png" ), 0, 2, 0.16f ) );
                page.Elements.Add( new TextArea( GetFromAddress(), 50, 0, 350, 80, Font.Helvetica, 10 ) );
                page.Elements.Add( new TextArea( GetToAddress(), 300, 140, 360, 100, Font.Helvetica, 12 ) );
                page.Elements.Add( new Postnet( txtToZip.Text, 300, 248 ) );

                // Check for an error
                try
                {
                    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                  page.Elements.Add( new ceTe.DynamicPDF.PageElements.Label( "StackTrace:", 0, stackTraceTop - 12, 512, 12,
Font.HelveticaBold, 10 ) );
85                  page.Elements.Add( stackTraceTA );
86              }
87              document.Pages.Add( page );
88              document.DrawToWeb();
89          }
90
91          private string GetFromAddress()
92          {
93              // Returns a formatted From Address
94              return GetAddress( txtFromName.Text, txtFromAddress.Text, txtFromAddress2.Text, txtFromCity.Text, txtFromState.Text,
txtFromZip.Text );
95          }
96
97          private string GetToAddress()
```

```
        {
            // Returns a formatted To Address
            return GetAddress( txtToName.Text, txtToAddress.Text, txtToAddress2.Text, txtToCity.Text, txtToState.Text,
txtToZip.Text );
        }

        private string GetAddress( string name, string address, string address2, string city, string state, string zip )
        {
            // Formats a US address
            string myAddress = name.Trim() + "\n";
            myAddress += address.Trim() + "\n";
            if( address2.Trim().Length > 0 ) myAddress += address2.Trim() + "\n";
            myAddress += city.Trim() + ", " + state.Trim() + "  " + zip.Trim();
            return myAddress;
        }
    }
}
```