

```
1 <%@ Page Language="C#" AutoEventWireup="true" CodeFile="AllBarcodes_Advanced.aspx.cs" Inherits="AllBarcodes_Advanced" %>
2 <%@ Register Assembly="ceTe.DynamicBarcode.Creator.40" Namespace="ceTe.DynamicBarcode.Creator.Web" TagPrefix="ccl" %>
3
4 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
5 <html xmlns="http://www.w3.org/1999/xhtml">
6 <head id="Head1" runat="server">
7     <title>DynamicBarcode Creator Example</title>
8     <link rel="stylesheet" type="text/css" href="Style/DynamicBarcodeCreator.css" />
9     <meta name="DESCRIPTION" content="All Barcode Example in C# using DynamicBarcode Creator v1.0 for .NET" />
10 </head>
11 <body>
12     <div id="banner">
13         
15         <div id="header">
16             <i>DynamicBarcode Creator</i> v2.0 for .NET Examples</div>
17         <h1>
18             Barcode creation using web control
19         </h1>
20     </div>
21     <div id="content">
22         <form id="form1" runat="server">
23             <table border="0">
24                 <tr class="head">
25                     <td style="width: 60%; height: 20px">
26                         <asp:Label ID="lblBarcodeName" runat="server"></asp:Label>
27                     </td>
28                 </tr>
29                 <tr>
30                     <td>
31                         <ccl:LinearBarcode ID="LinearBarcode1" runat="server" SymbolHeight="80" BarcodeMargin="0,10,0,10"
32                             />
33                         <ccl:DataMatrix ID="DataMatrix1" runat="server" BarcodeMargin="0,10,0,10"
34                             Visible="false" />
35                         <ccl:Pdf417 ID="Pdf1" runat="server" BarcodeMargin="0,10,0,10" Visible="false" />
36                         <ccl:QRCode ID="QRCode1" runat="server" BarcodeMargin="0,10,0,10" Visible="false" />
37                         <ccl:StackedGS1DataBar ID="StackedGS1DataBar1" runat="server" BarcodeMargin="0,10,0,10"
38                             Visible="false" />
39                         <ccl:Aztec ID="Aztec1" runat="server" BarcodeMargin="0,10,0,10" Visible="false" />
40                     </td>
41                 </tr>
42                 <tr>
43                     <td>
44                         <div>
45                             <div id="divGeneral" runat="server">
46                                 <table class="propTable">
47                                     <tr>
48                                         <td colspan="2">
```

```
49         <asp:Label ID="lblColorExceptionMessage" Text="Please enter a valid named color like
50         ForeColor="Red" Visible="False" runat="server" Font-Bold="True" Font-Size="10pt" />
51         <asp:Label ID="lblMarginExceptionMessage" Text="Please enter a numeric value for
margins."
52         ForeColor="Red" Visible="False" runat="server" Font-Bold="True" Font-Size="10pt" />
53     </td>
54 </tr>
55 <tr>
56     <td class="tdWidth300">
57         Barcode Type :
58     </td>
59     <td>
60         <asp:DropDownList ID="ddlBarcodeTypes" runat="server" AutoPostBack="true"
OnSelectedIndexChanged="ddlBarcodeTypes_SelectedIndexChanged">
61         <asp:ListItem Text="Australia Post" Value="AustraliaPost"
Selected="True"></asp:ListItem>
62         <asp:ListItem Text="Codabar" Value="Codabar"></asp:ListItem>
63         <asp:ListItem Text="Code 11" Value="Code11"></asp:ListItem>
64         <asp:ListItem Text="Code 128" Value="Code128"></asp:ListItem>
65         <asp:ListItem Text="Code 25" Value="Code25"></asp:ListItem>
66         <asp:ListItem Text="Code 39" Value="Code39"></asp:ListItem>
67         <asp:ListItem Text="Code 93" Value="Code93"></asp:ListItem>
68         <asp:ListItem Text="Deutsche Post Identcode"
Value="DeutschePostIdentcode"></asp:ListItem>
69         <asp:ListItem Text="Deutsche Post Leitcode"
Value="DeutschePostLeitcode"></asp:ListItem>
70         <asp:ListItem Text="Ean 13" Value="Ean13"></asp:ListItem>
71         <asp:ListItem Text="Ean 13 Supplement 2" Value="Ean13Sup2"></asp:ListItem>
72         <asp:ListItem Text="Ean 13 Supplement 5" Value="Ean13Sup5"></asp:ListItem>
73         <asp:ListItem Text="Ean 14" Value="Ean14"></asp:ListItem>
74         <asp:ListItem Text="Ean 8" Value="Ean8"></asp:ListItem>
75         <asp:ListItem Text="Ean 8 Supplement 2" Value="Ean8Sup2"></asp:ListItem>
76         <asp:ListItem Text="Ean 8 Supplement 5" Value="Ean8Sup5"></asp:ListItem>
77         <asp:ListItem Text="GS1 DataBar" Value="GS1DataBar"></asp:ListItem>
78         <asp:ListItem Text="IATA 25" Value="IATA25"></asp:ListItem>
79         <asp:ListItem Text="Intelligent Mail" Value="IntelligentMail"></asp:ListItem>
80         <asp:ListItem Text="Interleaved 25" Value="Interleaved25"></asp:ListItem>
81         <asp:ListItem Text="ISBN" Value="ISBN"></asp:ListItem>
82         <asp:ListItem Text="ISBN Supplement 2" Value="ISBNSup2"></asp:ListItem>
83         <asp:ListItem Text="ISBN Supplement 5" Value="ISBNSup5"></asp:ListItem>
84         <asp:ListItem Text="ISMN" Value="ISMN"></asp:ListItem>
85         <asp:ListItem Text="ISMN Supplement 2" Value="ISMNSup2"></asp:ListItem>
86         <asp:ListItem Text="ISMN Supplement 5" Value="ISMNSup5"></asp:ListItem>
87         <asp:ListItem Text="ISSN" Value="ISSN"></asp:ListItem>
88         <asp:ListItem Text="ISSN Supplement 2" Value="ISSNSup2"></asp:ListItem>
89         <asp:ListItem Text="ISSN Supplement 5" Value="ISSNSup5"></asp:ListItem>
90         <asp:ListItem Text="ITF 14" Value="ITF14"></asp:ListItem>
91         <asp:ListItem Text="KIX" Value="KIX"></asp:ListItem>
```

```
92         <asp:ListItem Text="MSI" Value="MSI"></asp:ListItem>
93         <asp:ListItem Text="Postnet" Value="Postnet"></asp:ListItem>
94         <asp:ListItem Text="RM4SCC" Value="RM4SCC"></asp:ListItem>
95         <asp:ListItem Text="Singapore Post" Value="SingaporePost"></asp:ListItem>
96         <asp:ListItem Text="Stacked GS1 DataBar" Value="StackedGS1DataBar"></asp:ListItem>
97         <asp:ListItem Text="UPC A" Value="UpcA"></asp:ListItem>
98         <asp:ListItem Text="UPC A Supplement 2" Value="UpcASup2"></asp:ListItem>
99         <asp:ListItem Text="UPC A Supplement 5" Value="UpcASup5"></asp:ListItem>
100        <asp:ListItem Text="UPC E" Value="UpcE"></asp:ListItem>
101        <asp:ListItem Text="UPC E Supplement 2" Value="UpcESup2"></asp:ListItem>
102        <asp:ListItem Text="UPC E Supplement 5" Value="UpcESup5"></asp:ListItem>
103        <asp:ListItem Text="Aztec" Value="Aztec"></asp:ListItem>
104        <asp:ListItem Text="Data Matrix" Value="DataMatrix"></asp:ListItem>
105        <asp:ListItem Text="Pdf 417" Value="Pdf417"></asp:ListItem>
106    </asp:DropDownList>
107 </td>
108 </tr>
109 <tr id="gs1Type" runat="server" visible="false">
110     <td class="tdWidth300">
111         GS1 Type :
112     </td>
113     <td>
114         <asp:DropDownList ID="ddlGS1Type" runat="server">
115             <asp:ListItem Selected="True" Text="Omnidirectional"
Value="Omnidirectional"></asp:ListItem>
116             <asp:ListItem Text="Limited" Value="Limited"></asp:ListItem>
117             <asp:ListItem Text="Expanded" Value="Expanded"></asp:ListItem>
118         </asp:DropDownList>
119     </td>
120 </tr>
121 <tr id="stackedGS1Type" runat="server" visible="false">
122     <td class="tdWidth300">
123         Stacked GS1 Type :
124     </td>
125     <td>
126         <asp:DropDownList ID="ddlStackedGS1Type" runat="server">
127             <asp:ListItem Selected="True" Text="Stacked" Value="Stacked"></asp:ListItem>
128             <asp:ListItem Text="Stacked Omnidirectional"
Value="StackedOmnidirectional"></asp:ListItem>
129             <asp:ListItem Text="Expanded Stacked" Value="ExpandedStacked"></asp:ListItem>
130         </asp:DropDownList>
131     </td>
132 </tr>
133 <tr>
134     <td class="tdWidth300">
135         Text :
136     </td>
137     <td>
138         <asp:TextBox ID="txtText" runat="server" TabIndex="1"></asp:TextBox>
```

```
139         </td>
140     </tr>
141     <tr>
142         <td class="tdWidth300">
143             X-Dimension :
144         </td>
145         <td>
146             <asp:TextBox ID="txtXDimension" runat="server" TabIndex="2"></asp:TextBox>
147         </td>
148     </tr>
149     <tr>
150         <td class="tdWidth300">
151             Bar Color :
152         </td>
153         <td>
154             <asp:TextBox ID="txtBarColor" runat="server" TabIndex="3"></asp:TextBox>
155         </td>
156     </tr>
157     <tr>
158         <td class="tdWidth300">
159             Back Color :
160         </td>
161         <td>
162             <asp:TextBox ID="txtBackColor" runat="server" TabIndex="4"></asp:TextBox>
163         </td>
164     </tr>
165     <tr>
166         <td class="tdWidth300">
167             DPI :
168         </td>
169         <td>
170             <asp:TextBox ID="txtDpi" runat="server" TabIndex="5"></asp:TextBox>
171         </td>
172     </tr>
173     <tr>
174         <td class="tdWidth300">
175             Margin Left :
176         </td>
177         <td>
178             <asp:TextBox ID="txtMarginLeft" runat="server" TabIndex="6"></asp:TextBox>
179         </td>
180     </tr>
181     <tr>
182         <td class="tdWidth300">
183             Margin Right :
184         </td>
185         <td>
186             <asp:TextBox ID="txtMarginRight" runat="server" TabIndex="7"></asp:TextBox>
187         </td>
```

```
188         </tr>
189         <tr>
190             <td class="tdWidth300">
191                 Margin Top :
192             </td>
193             <td>
194                 <asp:TextBox ID="txtMarginTop" runat="server" TabIndex="8"></asp:TextBox>
195             </td>
196         </tr>
197         <tr>
198             <td class="tdWidth300">
199                 Margin Bottom :
200             </td>
201             <td>
202                 <asp:TextBox ID="txtMarginBottom" runat="server" TabIndex="9"></asp:TextBox>
203             </td>
204         </tr>
205     </table>
206 </div>
207 <div id="divSupplements" runat="server" visible="false">
208     <table class="propTable">
209         <tr>
210             <td class="tdWidth300">
211                 Supplement Value :
212             </td>
213             <td>
214                 <asp:TextBox ID="txtSupplementValue" runat="server" TabIndex="10"></asp:TextBox>
215             </td>
216         </tr>
217     </table>
218 </div>
219 <div id="div1D" runat="server" visible="false">
220     <table class="propTable">
221         <tr runat="server" id="rowShowText">
222             <td class="tdWidth300">
223                 Show Text :
224             </td>
225             <td>
226                 <asp:CheckBox ID="chkShowText" runat="server" TabIndex="11" />
227             </td>
228         </tr>
229         <tr>
230             <td class="tdWidth300">
231                 Symbol Height :
232             </td>
233             <td>
234                 <asp:TextBox ID="txtSymbolHeight" runat="server" TabIndex="12"></asp:TextBox>
235             </td>
236         </tr>
```

```
237         </table>
238     </div>
239     <div id="divEncoding" runat="server" visible="false">
240         <table class="propTable">
241             <tr>
242                 <td class="tdWidth300">
243                     Encoding :
244                 </td>
245                 <td>
246                     <asp:DropDownList ID="ddlEncoding" runat="server" TabIndex="13">
247                     </asp:DropDownList>
248                 </td>
249             </tr>
250         </table>
251     </div>
252     <div id="divECC" runat="server" visible="false">
253         <table class="propTable">
254             <tr>
255                 <td class="tdWidth300">
256                     Error Correction Level :
257                 </td>
258                 <td>
259                     <asp:DropDownList ID="ddlErrorCorrectionLevel" runat="server" TabIndex="14">
260                     </asp:DropDownList>
261                 </td>
262             </tr>
263         </table>
264     </div>
265     <div id="divMSI" runat="server" visible="false">
266         <table class="propTable">
267             <tr>
268                 <td class="tdWidth300">
269                     MSI Append check digit :
270                 </td>
271                 <td>
272                     <asp:CheckBox ID="chkAppendCheckDigit" runat="server" TabIndex="15" />
273                 </td>
274             </tr>
275         </table>
276     </div>
277     <div id="divPdf417" runat="server" visible="false">
278         <table class="propTable">
279             <tr>
280                 <td class="tdWidth300">
281                     # of Columns :
282                 </td>
283                 <td>
284                     <asp:TextBox ID="txtColumns" runat="server" TabIndex="16"></asp:TextBox>
285                 </td>
```

```
286         </tr>
287     </table>
288 </div>
289 <div id="divQRCode" runat="server" visible="false">
290     <table class="propTable">
291         <tr>
292             <td class="tdWidth300">
293                 Process Tilde :
294             </td>
295             <td>
296                 <asp:CheckBox ID="chkProcessTilde" runat="server" TabIndex="17" />
297             </td>
298         </tr>
299         <tr>
300             <td class="tdWidth300">
301                 Version :
302             </td>
303             <td>
304                 <asp:DropDownList ID="ddlVersion" runat="server" TabIndex="18">
305                     </asp:DropDownList>
306             </td>
307         </tr>
308     </table>
309 </div>
310 <div id="divAztec" runat="server" visible="false">
311     <table class="propTable">
312         <tr>
313             <td class="tdWidth300">
314                 Process Tilde :
315             </td>
316             <td>
317                 <asp:CheckBox ID="chkAztecProcessTilde" runat="server" TabIndex="17" />
318             </td>
319         </tr>
320         <%--<tr>
321             <td class="tdWidth300">
322                 Is Reader Initialization Symbol :
323             </td>
324             <td>
325                 <asp:CheckBox ID="chkAztecIsReaderIni" runat="server" TabIndex="17" />
326             </td>
327         </tr>--%>
328         <tr>
329             <td class="tdWidth300">
330                 Size :
331             </td>
332             <td>
333                 <asp:DropDownList ID="ddlAztecSize" runat="server" TabIndex="18">
334                     </asp:DropDownList>
```

```

        </td>
    </tr>
    <tr>
        <td class="tdWidth300">
            Error Correction :
        </td>
        <td>
            <asp:TextBox ID="txtAztecErrorCorrection" runat="server" Text="5"></asp:TextBox>
        </td>
    </tr>
</table>
</div>
<div id="divText" runat="server" visible="false">
    <table class="propTable">
        <tr>
            <td class="tdWidth300">
                Text Align :
            </td>
            <td>
                <asp:DropDownList ID="ddlTextAlign" runat="server" TabIndex="19">
                    <asp:ListItem Selected="True" Value="0">Center</asp:ListItem>
                    <asp:ListItem Value="1">Left</asp:ListItem>
                    <asp:ListItem Value="2">Right</asp:ListItem>
                </asp:DropDownList>
            </td>
        </tr>
        <tr>
            <td class="tdWidth300">
                Text Color :
            </td>
            <td>
                <asp:TextBox ID="txtTextColor" runat="server" TabIndex="20"></asp:TextBox>
            </td>
        </tr>
    </table>
</div>
<div id="div1" style="margin-left: 150px">
    <table class="propTable">
        <tr>
            <td colspan="2">
                <asp:Button ID="btnGenerate" runat="server" Text="Generate Barcode"
OnClick="btnGenerate_Click"
                TabIndex="21" />&nbsp;  <asp:Button ID="btnClear" runat="server" Text="Reset"
OnClick="btnClear_Click"
                TabIndex="22" />
            </td>
        </tr>
    </table>
</div>

```



```
382         </div>
383     </td>
384 </tr>
385 </table>
386 </form>
387 </div>
388 </body>
389 </html>
```

```
1 using System;
2 using System.Collections.Generic;
3 using System.Drawing;
4 using System.Web;
5 using System.Web.UI;
6 using System.Web.UI.WebControls;
7
8 public partial class AllBarcodes_Advanced : System.Web.UI.Page
9 {
10     protected void Page_Load(object sender, EventArgs e)
11     {
12         if (!IsPostBack)
13         {
14             LoadAustraliaPostDefaults();
15             GenerateAustraliaPost();
16         }
17     }
18
19     protected void ddlBarcodeTypes_SelectedIndexChanged(object sender, EventArgs e)
20     {
21         LoadDefaultBarcode();
22     }
23
24     private void LoadDefaultBarcode()
25     {
26         rowShowText.Visible = true;
27         gs1Type.Visible = false;
28         stackedGS1Type.Visible = false;
29
30         switch (ddlBarcodeTypes.SelectedValue)
31         {
32             case "AustraliaPost":
33                 LoadAustraliaPostDefaults();
34                 GenerateAustraliaPost();
35                 break;
36             case "Code93":
37                 LoadCode93Defaults();
38                 GenerateCode93();
39                 break;
40             case "DeutschePostIdentcode":
41                 LoadDeutschePostIdentcodeDefaults();
42                 GenerateDeutschePostIdentcode();
43                 break;
44             case "DeutschePostLeitcode":
45                 LoadDeutschePostLeitcodeDefaults();
46                 GenerateDeutschePostLeitcode();
47                 break;
48             case "Ean14":
49                 LoadEan14Defaults();
```

```
50         GenerateEan14();
51         break;
52     case "IATA25":
53         LoadIATA25Defaults();
54         GenerateIata25();
55         break;
56     case "ISBN":
57         LoadIsbnDefaults();
58         GenerateIsbn();
59         break;
60     case "ISBNSup2":
61         LoadIsbnSup2Defaults();
62         GenerateIsbnSup2();
63         break;
64     case "ISBNSup5":
65         LoadIsbnSup5Defaults();
66         GenerateIsbnSup5();
67         break;
68     case "ISMN":
69         LoadIsmnDefaults();
70         GenerateIsmn();
71         break;
72     case "ISMNSup2":
73         LoadIsmnSup2Defaults();
74         GenerateIsmnSup2();
75         break;
76     case "ISMNSup5":
77         LoadIsmnSup5Defaults();
78         GenerateIsmnSup5();
79         break;
80     case "ISSN":
81         LoadIssnDefaults();
82         GenerateIssn();
83         break;
84     case "ISSNSup2":
85         LoadIssnSup2Defaults();
86         GenerateIssnSup2();
87         break;
88     case "ISSNSup5":
89         LoadIssnSup5Defaults();
90         GenerateIssnSup5();
91         break;
92     case "ITF14":
93         LoadITF14Defaults();
94         GenerateItf14();
95         break;
96     case "KIX":
97         LoadKixDefaults();
98         GenerateKix();
```

```
99         break;
100     case "SingaporePost":
101         LoadSingaporePostDefaults();
102         GenerateSingaporePost();
103         break;
104     case "Aztec":
105         LoadAztecDefaults();
106         GenerateAztec();
107         break;
108     case "Codabar":
109         LoadCodabarDefaults();
110         GenerateCodabar();
111         break;
112     case "Code11":
113         LoadCode11Defaults();
114         GenerateCode11();
115         break;
116     case "Code128":
117         LoadCode128Defaults();
118         GenerateCode128();
119         break;
120     case "Code25":
121         LoadCode25Defaults();
122         GenerateCode25();
123         break;
124     case "Code39":
125         LoadCode39Defaults();
126         GenerateCode39();
127         break;
128     case "MSI":
129         LoadMsiDefaults();
130         GenerateMsi();
131         break;
132     case "Interleaved25":
133         LoadInterleaved25Defaults();
134         GenerateInterleaved25();
135         break;
136     case "Ean8":
137         LoadEan8Defaults();
138         GenerateEan8();
139         break;
140     case "Ean8Sup2":
141         LoadEan8Sup2Defaults();
142         GenerateEan8Sup2();
143         break;
144     case "Ean8Sup5":
145         LoadEan8Sup5Defaults();
146         GenerateEan8Sup5();
147         break;
```

```
148         case "Ean13":
149             LoadEan13Defaults();
150             GenerateEan13();
151             break;
152         case "Ean13Sup2":
153             LoadEan13Sup2Defaults();
154             GenerateEan13Sup2();
155             break;
156         case "Ean13Sup5":
157             LoadEan13Sup5Defaults();
158             GenerateEan13Sup5();
159             break;
160         case "UpcA":
161             LoadUpcADefaults();
162             GenerateUpcA();
163             break;
164         case "UpcASup2":
165             LoadUpcASup2Defaults();
166             GenerateUpcASup2();
167             break;
168         case "UpcASup5":
169             LoadUpcASup5Defaults();
170             GenerateUpcASup5();
171             break;
172         case "UpcE":
173             LoadUpcEDefaults();
174             GenerateUpcE();
175             break;
176         case "UpcESup2":
177             LoadUpcESup2Defaults();
178             GenerateUpcESup2();
179             break;
180         case "UpcESup5":
181             LoadUpcESup5Defaults();
182             GenerateUpcESup5();
183             break;
184         case "IntelligentMail":
185             LoadIntelligentMailDefaults();
186             GenerateIntelligentMail();
187             break;
188         case "Postnet":
189             LoadPostnetDefaults();
190             GeneratePostnet();
191             break;
192         case "RM4SCC":
193             LoadRm4sccDefaults();
194             GenerateRm4scc();
195             break;
196         case "DataMatrix":
```

```
197         LoadDataMatrixDefaults();
198         GenerateDataMatrix();
199         break;
200     case "QRCode":
201         LoadQRCodeDefaults();
202         GenerateQRCode();
203         break;
204     case "Pdf417":
205         LoadPdf417Defaults();
206         GeneratePdf417();
207         break;
208     case "GS1DataBar":
209         gs1Type.Visible = true;
210         LoadGS1DataBarDefaults();
211         GenerateGS1DataBar();
212         break;
213     case "StackedGS1DataBar":
214         stackedGS1Type.Visible = true;
215         LoadStackedGS1DataBarDefaults();
216         GenerateStackedGS1DataBar();
217         break;
218     }
219
220     lblColorExceptionMessage.Visible = false;
221     SetDefaultBarcodeColors();
222 }
223
224 protected void btnGenerate_Click(object sender, EventArgs e)
225 {
226     lblMarginExceptionMessage.Visible = false;
227     switch (ddlBarcodeTypes.SelectedValue)
228     {
229         case "AustraliaPost":
230             GenerateAustraliaPost();
231             break;
232         case "Code93":
233             GenerateCode93();
234             break;
235         case "DeutschePostIdentcode":
236             GenerateDeutschePostIdentcode();
237             break;
238         case "DeutschePostLeitcode":
239             GenerateDeutschePostLeitcode();
240             break;
241         case "Ean14":
242             GenerateEan14();
243             break;
244         case "IATA25":
245             GenerateIata25();
```

```
246         break;
247     case "ISBN":
248         GenerateIsbn();
249         break;
250     case "ISBNSupplement2":
251         GenerateIsbnSup2();
252         break;
253     case "ISBNSupplement5":
254         GenerateIsbnSup5();
255         break;
256     case "ISMN":
257         GenerateIsmn();
258         break;
259     case "ISMNSupplement2":
260         GenerateIsmnSup2();
261         break;
262     case "ISMNSupplement5":
263         GenerateIsmnSup5();
264         break;
265     case "ISSN":
266         GenerateIssn();
267         break;
268     case "ISSNSupplement2":
269         GenerateIssnSup2();
270         break;
271     case "ISSNSupplement5":
272         GenerateIssnSup5();
273         break;
274     case "ITF14":
275         GenerateItf14();
276         break;
277     case "KIX":
278         GenerateKix();
279         break;
280     case "SingaporePost":
281         GenerateSingaporePost();
282         break;
283     case "Aztec":
284         GenerateAztec();
285         break;
286     case "Codabar":
287         GenerateCodabar();
288         break;
289     case "Code11":
290         GenerateCode11();
291         break;
292     case "Code128":
293         GenerateCode128();
294         break;
```

```
295         case "Code25":
296             GenerateCode25();
297             break;
298         case "Code39":
299             GenerateCode39();
300             break;
301         case "MSI":
302             GenerateMsi();
303             break;
304         case "Interleaved25":
305             GenerateInterleaved25();
306             break;
307         case "Ean8":
308             GenerateEan8();
309             break;
310         case "Ean8Sup2":
311             GenerateEan8Sup2();
312             break;
313         case "Ean8Sup5":
314             GenerateEan8Sup5();
315             break;
316         case "Ean13":
317             GenerateEan13();
318             break;
319         case "Ean13Sup2":
320             GenerateEan13Sup2();
321             break;
322         case "Ean13Sup5":
323             GenerateEan13Sup5();
324             break;
325         case "UpcA":
326             GenerateUpcA();
327             break;
328         case "UpcASup2":
329             GenerateUpcASup2();
330             break;
331         case "UpcASup5":
332             GenerateUpcASup5();
333             break;
334         case "UpcE":
335             GenerateUpcE();
336             break;
337         case "UpcESup2":
338             GenerateUpcESup2();
339             break;
340         case "UpcESup5":
341             GenerateUpcESup5();
342             break;
343         case "IntelligentMail":
```



```
344         GenerateIntelligentMail();
345         break;
346     case "Postnet":
347         GeneratePostnet();
348         break;
349     case "RM4SCC":
350         GenerateRm4scc();
351         break;
352     case "DataMatrix":
353         GenerateDataMatrix();
354         break;
355     case "QRCode":
356         GenerateQRCode();
357         break;
358     case "Pdf417":
359         GeneratePdf417();
360         break;
361     case "GS1DataBar":
362         GenerateGS1DataBar();
363         break;
364     case "StackedGS1DataBar":
365         GenerateStackedGS1DataBar();
366         break;
367     }
368     SetBarcodeCustomColors();
369 }
370
371 private void SetBarcodeCustomColors()
372 {
373     try
374     {
375         LinearBarcode1.BarColor = System.Drawing.ColorTranslator.FromHtml(txtBarColor.Text.ToString().Trim());
376         LinearBarcode1.BackColor = System.Drawing.ColorTranslator.FromHtml(txtBackColor.Text.ToString().Trim());
377         LinearBarcode1.TextColor = System.Drawing.ColorTranslator.FromHtml(txtTextColor.Text.ToString().Trim());
378         lblColorExceptionMessage.Visible = false;
379     }
380     catch
381     {
382         lblColorExceptionMessage.Visible = true;
383     }
384 }
385
386 private void SetDefaultBarcodeColors()
387 {
388     txtBackColor.Text = string.Empty;
389     txtBarColor.Text = string.Empty;
390     txtTextColor.Text = string.Empty;
391
392     LinearBarcode1.BackColor = Color.White;
```

```
393     LinearBarcode1.BarColor = Color.Black;
394     LinearBarcode1.TextColor = Color.Black;
395 }
396
397 private void Display1DControl(bool isVisible)
398 {
399     div1D.Visible = isVisible;
400     divText.Visible = isVisible;
401     divEncoding.Visible = !isVisible;
402     divECC.Visible = !isVisible;
403     divMSI.Visible = !isVisible;
404     divSupplements.Visible = !isVisible;
405     divPdf417.Visible = !isVisible;
406     divQRCode.Visible = !isVisible;
407     divAztec.Visible = !isVisible;
408     rowShowText.Visible = isVisible;
409
410     LinearBarcode1.Visible = isVisible;
411     QRCode1.Visible = !isVisible;
412     Pdf1.Visible = !isVisible;
413     DataMatrix1.Visible = !isVisible;
414     StackedGS1DataBar1.Visible = !isVisible;
415     Aztec1.Visible = !isVisible;
416 }
417
418 protected void btnClear_Click(object sender, EventArgs e)
419 {
420     LoadDefaultBarcode();
421 }
422
423 #region LoadDefaults
424
425 private void LoadSingaporePostDefaults()
426 {
427     Display1DControl(true);
428     LoadGeneralDefaults();
429     txtSymbolHeight.Text = "20";
430     txtText.Text = "208154";
431 }
432
433 private void LoadKixDefaults()
434 {
435     Display1DControl(true);
436     LoadGeneralDefaults();
437     txtSymbolHeight.Text = "20";
438     txtText.Text = "1231FZ13XHS";
439 }
440
441 private void LoadITF14Defaults()
```

```
442     {
443         Display1DControl(true);
444         LoadGeneralDefaults();
445         txtText.Text = "1234567890";
446     }
447
448     private void LoadIssnSup5Defaults()
449     {
450         LoadIssnDefaults();
451         divSupplements.Visible = true;
452         LoadGeneralDefaults();
453         txtSupplementValue.Text = "12345";
454     }
455
456     private void LoadIssnSup2Defaults()
457     {
458         LoadIssnDefaults();
459         divSupplements.Visible = true;
460         LoadGeneralDefaults();
461         txtSupplementValue.Text = "12";
462     }
463
464     private void LoadIssnDefaults()
465     {
466         Display1DControl(true);
467         LoadGeneralDefaults();
468         divText.Visible = false;
469         rowShowText.Visible = false;
470         txtText.Text = "977-1234-56700";
471     }
472
473     private void LoadIsmnSup5Defaults()
474     {
475         LoadIsmnDefaults();
476         divSupplements.Visible = true;
477         LoadGeneralDefaults();
478         txtSupplementValue.Text = "12345";
479     }
480
481     private void LoadIsmnSup2Defaults()
482     {
483         LoadIsmnDefaults();
484         divSupplements.Visible = true;
485         LoadGeneralDefaults();
486         txtSupplementValue.Text = "12";
487     }
488
489     private void LoadIsmnDefaults()
490     {
```

```
491         Display1DControl(true);
492         LoadGeneralDefaults();
493         divText.Visible = false;
494         rowShowText.Visible = false;
495         txtText.Text = "979-0-1234-5678";
496     }
497
498     private void LoadIsbnSup5Defaults()
499     {
500         LoadIsbnDefaults();
501         divSupplements.Visible = true;
502         LoadGeneralDefaults();
503         txtSupplementValue.Text = "12345";
504     }
505
506     private void LoadIsbnSup2Defaults()
507     {
508         LoadIsbnDefaults();
509         divSupplements.Visible = true;
510         LoadGeneralDefaults();
511         txtSupplementValue.Text = "12";
512     }
513
514     private void LoadIsbnDefaults()
515     {
516         Display1DControl(true);
517         LoadGeneralDefaults();
518         divText.Visible = false;
519         rowShowText.Visible = false;
520         txtText.Text = "987123456789";
521     }
522
523     private void LoadIATA25Defaults()
524     {
525         Display1DControl(true);
526         LoadGeneralDefaults();
527         txtText.Text = "1234567890";
528     }
529
530     private void LoadEan14Defaults()
531     {
532         Display1DControl(true);
533         LoadGeneralDefaults();
534         txtText.Text = "1234567890";
535     }
536
537     private void LoadDeutschePostLeitcodeDefaults()
538     {
539         Display1DControl(true);
```

```
540         LoadGeneralDefaults();
541         txtText.Text = "1234567890123";
542     }
543
544     private void LoadDeutschePostIdentcodeDefaults()
545     {
546         Display1DControl(true);
547         LoadGeneralDefaults();
548         txtText.Text = "12345678901";
549     }
550
551     private void LoadCode93Defaults()
552     {
553         Display1DControl(true);
554         LoadGeneralDefaults();
555         txtText.Text = "123456789";
556     }
557
558     private void LoadAustraliaPostDefaults()
559     {
560         Display1DControl(true);
561         LoadGeneralDefaults();
562         txtSymbolHeight.Text = "20";
563         txtText.Text = "1139549554";
564     }
565
566     private void LoadUpcESup5Defaults()
567     {
568         LoadUpcEDefaults();
569         divSupplements.Visible = true;
570         LoadGeneralDefaults();
571         txtSupplementValue.Text = "12345";
572     }
573
574     private void LoadUpcESup2Defaults()
575     {
576         LoadUpcEDefaults();
577         divSupplements.Visible = true;
578         LoadGeneralDefaults();
579         txtSupplementValue.Text = "12";
580     }
581
582     private void LoadUpcEDefaults()
583     {
584         Display1DControl(true);
585         LoadGeneralDefaults();
586         divText.Visible = false;
587         rowShowText.Visible = false;
588         txtText.Text = "0123456";
```

```
589     }
590
591     private void LoadUpcASup5Defaults()
592     {
593         LoadUpcADefaults();
594         divSupplements.Visible = true;
595         LoadGeneralDefaults();
596         txtSupplementValue.Text = "12345";
597     }
598
599     private void LoadUpcASup2Defaults()
600     {
601         LoadUpcADefaults();
602         divSupplements.Visible = true;
603         LoadGeneralDefaults();
604         txtSupplementValue.Text = "12";
605     }
606
607     private void LoadUpcADefaults()
608     {
609         Display1DControl(true);
610         LoadGeneralDefaults();
611         divText.Visible = false;
612         rowShowText.Visible = false;
613         txtText.Text = "12345678901";
614     }
615
616     private void LoadEan8Sup5Defaults()
617     {
618         LoadEan8Defaults();
619         divSupplements.Visible = true;
620         LoadGeneralDefaults();
621         txtSupplementValue.Text = "12345";
622     }
623
624     private void LoadEan8Sup2Defaults()
625     {
626         LoadEan8Defaults();
627         divSupplements.Visible = true;
628         LoadGeneralDefaults();
629         txtSupplementValue.Text = "12";
630     }
631
632     private void LoadEan8Defaults()
633     {
634         Display1DControl(true);
635         LoadGeneralDefaults();
636         divText.Visible = false;
637         rowShowText.Visible = false;
```

```
638         txtText.Text = "12345670";
639     }
640
641     private void LoadEan13Sup5Defaults()
642     {
643         LoadEan13Defaults();
644         divSupplements.Visible = true;
645         LoadGeneralDefaults();
646         txtSupplementValue.Text = "12345";
647     }
648
649     private void LoadEan13Sup2Defaults()
650     {
651         LoadEan13Defaults();
652         divSupplements.Visible = true;
653         LoadGeneralDefaults();
654         txtSupplementValue.Text = "12";
655     }
656
657     private void LoadEan13Defaults()
658     {
659         Display1DControl(true);
660         LoadGeneralDefaults();
661         divText.Visible = false;
662         rowShowText.Visible = false;
663         txtText.Text = "123456789012";
664     }
665
666     private void LoadGS1DataBarDefaults()
667     {
668         Display1DControl(true);
669         LoadGeneralDefaults();
670         txtText.Text = "(01)1234567890123";
671     }
672
673     private void LoadStackedGS1DataBarDefaults()
674     {
675         Display1DControl(true);
676         StackedGS1DataBar1.Visible = true;
677         LinearBarcode1.Visible = false;
678
679         LoadGeneralDefaults();
680         txtSymbolHeight.Text = "40";
681         txtText.Text = "(01)1234567890123";
682     }
683
684     private void LoadRm4sccDefaults()
685     {
686         Display1DControl(true);
```

```
687         LoadGeneralDefaults();
688         txtSymbolHeight.Text = "20";
689         txtText.Text = "1234567890";
690     }
691
692     private void LoadMsiDefaults()
693     {
694         Display1DControl(true);
695
696         divMSI.Visible = true;
697
698         LoadGeneralDefaults();
699         txtText.Text = "1234567890";
700     }
701
702     private void LoadInterleaved25Defaults()
703     {
704         Display1DControl(true);
705         LoadGeneralDefaults();
706         txtText.Text = "1234567890";
707     }
708
709     private void LoadIntelligentMailDefaults()
710     {
711         Display1DControl(true);
712         LoadGeneralDefaults();
713         txtSymbolHeight.Text = "20";
714         txtText.Text = "0123456709498765432101234567891";
715     }
716
717     private void LoadPostnetDefaults()
718     {
719         Display1DControl(true);
720         LoadGeneralDefaults();
721         rowShowText.Visible = false;
722         divText.Visible = false;
723         txtSymbolHeight.Text = "20";
724         txtText.Text = "20815470412";
725     }
726
727     private void LoadCode39Defaults()
728     {
729         Display1DControl(true);
730         LoadGeneralDefaults();
731         txtText.Text = "123456789";
732     }
733
734     private void LoadCode25Defaults()
735     {
```



```
736         Display1DControl(true);
737         LoadGeneralDefaults();
738         txtText.Text = "123456789";
739     }
740
741     private void LoadCode128Defaults()
742     {
743         Display1DControl(true);
744         LoadGeneralDefaults();
745         txtText.Text = "Hello World";
746     }
747
748     private void LoadCode11Defaults()
749     {
750         Display1DControl(true);
751         LoadGeneralDefaults();
752         txtText.Text = "1234567";
753     }
754
755     private void LoadGeneralDefaults()
756     {
757         txtXDimension.Text = "2";
758         txtDpi.Text = "96";
759         txtMarginBottom.Text = "10";
760         txtMarginLeft.Text = "10";
761         txtMarginRight.Text = "10";
762         txtMarginTop.Text = "10";
763         txtSymbolHeight.Text = "80";
764         chkShowText.Checked = false;
765         ddlTextAlign.SelectedIndex = 0;
766     }
767
768     private void LoadCodabarDefaults()
769     {
770         Display1DControl(true);
771         LoadGeneralDefaults();
772         txtText.Text = "A1234D";
773     }
774
775     private void LoadAztecDefaults()
776     {
777         LoadGeneralDefaults();
778         txtText.Text = "Hello World";
779         txtAztecErrorCorrection.Text = 5.ToString();
780         chkAztecProcessTilde.Checked = false;
781
782         div1D.Visible = false;
783         divText.Visible = false;
784         divEncoding.Visible = false;
```

```
785         divECC.Visible = false;
786         divMSI.Visible = false;
787         divSupplements.Visible = false;
788         divPdf417.Visible = false;
789         divQRCode.Visible = false;
790         LinearBarcode1.Visible = false;
791         QRCode1.Visible = false;
792         Pdf1.Visible = false;
793         DataMatrix1.Visible = false;
794         StackedGS1DataBar1.Visible = false;
795         Aztec1.Visible = true;
796         divAztec.Visible = true;
797
798         ddlAztecSize.Items.Clear();
799         foreach (ceTe.DynamicBarcode.Creator.AztecSymbolSize r in
Enum.GetValues(typeof(ceTe.DynamicBarcode.Creator.AztecSymbolSize)))
800         {
801             ListItem item = new ListItem(Enum.GetName(typeof(ceTe.DynamicBarcode.Creator.AztecSymbolSize), r), r.ToString());
802             ddlAztecSize.Items.Add(item);
803         }
804         ddlAztecSize.SelectedIndex = 0;
805     }
806
807     private void LoadPdf417Defaults()
808     {
809         LoadGeneralDefaults();
810         txtText.Text = "Hello World";
811         txtColumns.Text = "3";
812
813         div1D.Visible = false;
814         divText.Visible = false;
815         divEncoding.Visible = true;
816         divECC.Visible = true;
817         divMSI.Visible = false;
818         divSupplements.Visible = false;
819         divPdf417.Visible = true;
820         divQRCode.Visible = false;
821         divAztec.Visible = false;
822
823         Aztec1.Visible = false;
824         LinearBarcode1.Visible = false;
825         QRCode1.Visible = false;
826         Pdf1.Visible = true;
827         DataMatrix1.Visible = false;
828         StackedGS1DataBar1.Visible = false;
829
830         ddlEncoding.Items.Clear();
831         foreach (ceTe.DynamicBarcode.Creator.Pdf417Compaction r in
Enum.GetValues(typeof(ceTe.DynamicBarcode.Creator.Pdf417Compaction)))
```

```
832     {
833         ListItem item = new ListItem(Enum.GetName(typeof(ceTe.DynamicBarcode.Creator.Pdf417Compaction), r), r.ToString());
834         ddlEncoding.Items.Add(item);
835     }
836     ddlEncoding.SelectedIndex = 3;
837
838     ddlErrorCorrectionLevel.Items.Clear();
839     foreach (ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel r in
Enum.GetValues(typeof(ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel)))
840     {
841         ListItem item = new ListItem(Enum.GetName(typeof(ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel), r),
r.ToString());
842         ddlErrorCorrectionLevel.Items.Add(item);
843     }
844     ddlErrorCorrectionLevel.SelectedIndex = 9;
845 }
846
847 private void LoadQRCodeDefaults()
848 {
849     LoadGeneralDefaults();
850     txtText.Text = "Hello World";
851     chkProcessTilde.Checked = false;
852
853     div1D.Visible = false;
854     divText.Visible = false;
855     divEncoding.Visible = true;
856     divECC.Visible = true;
857     divMSI.Visible = false;
858     divSupplements.Visible = false;
859     divPdf417.Visible = false;
860     divQRCode.Visible = true;
861     divAztec.Visible = false;
862
863     Aztec1.Visible = false;
864     LinearBarcode1.Visible = false;
865     QRCode1.Visible = true;
866     Pdf1.Visible = false;
867     DataMatrix1.Visible = false;
868     StackedGS1DataBar1.Visible = false;
869
870     ddlVersion.Items.Clear();
871     foreach (ceTe.DynamicBarcode.Creator.QRCodeVersion r in
Enum.GetValues(typeof(ceTe.DynamicBarcode.Creator.QRCodeVersion)))
872     {
873         ListItem item = new ListItem(Enum.GetName(typeof(ceTe.DynamicBarcode.Creator.QRCodeVersion), r), r.ToString());
874         ddlVersion.Items.Add(item);
875     }
876     ddlVersion.SelectedIndex = 40;
877 }
```

```
878         ddlEncoding.Items.Clear();
879         foreach (ceTe.DynamicBarcode.Creator.QRCodeEncoding r in
Enum.GetValues(typeof(ceTe.DynamicBarcode.Creator.QRCodeEncoding)))
880         {
881             ListItem item = new ListItem(Enum.GetName(typeof(ceTe.DynamicBarcode.Creator.QRCodeEncoding), r), r.ToString());
882             ddlEncoding.Items.Add(item);
883         }
884         ddlEncoding.SelectedIndex = 4;
885
886         ddlErrorCorrectionLevel.Items.Clear();
887         foreach (ceTe.DynamicBarcode.Creator.QRCodeErrorCorrectionLevel r in
Enum.GetValues(typeof(ceTe.DynamicBarcode.Creator.QRCodeErrorCorrectionLevel)))
888         {
889             ListItem item = new ListItem(Enum.GetName(typeof(ceTe.DynamicBarcode.Creator.QRCodeErrorCorrectionLevel), r),
r.ToString());
890             ddlErrorCorrectionLevel.Items.Add(item);
891         }
892         ddlErrorCorrectionLevel.SelectedIndex = 0;
893     }
894
895     private void LoadDataMatrixDefaults()
896     {
897         LoadGeneralDefaults();
898         txtText.Text = "Hello World";
899
900         div1D.Visible = false;
901         divText.Visible = false;
902         divEncoding.Visible = true;
903         divECC.Visible = false;
904         divMSI.Visible = false;
905         divSupplements.Visible = false;
906         divPdf417.Visible = false;
907         divQRCode.Visible = false;
908         divAztec.Visible = false;
909
910         Aztec1.Visible = false;
911         LinearBarcode1.Visible = false;
912         QRCode1.Visible = false;
913         Pdf1.Visible = false;
914         DataMatrix1.Visible = true;
915         StackedGS1DataBar1.Visible = false;
916
917         ddlEncoding.Items.Clear();
918         foreach (ceTe.DynamicBarcode.Creator.DataMatrixEncodingType r in
Enum.GetValues(typeof(ceTe.DynamicBarcode.Creator.DataMatrixEncodingType)))
919         {
920             ListItem item = new ListItem(Enum.GetName(typeof(ceTe.DynamicBarcode.Creator.DataMatrixEncodingType), r),
r.ToString());
921             ddlEncoding.Items.Add(item);
```

```
922     }
923 }
924
925 #endregion
926
927 #region GenerateBarcodes
928
929 private void GenerateSingaporePost()
930 {
931     SetGeneralLinearProperties();
932     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.SingaporePost;
933 }
934
935 private void GenerateKix()
936 {
937     SetGeneralLinearProperties();
938     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Kix;
939 }
940
941 private void GenerateItf14()
942 {
943     SetGeneralLinearProperties();
944     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Itf14;
945 }
946
947 private void GenerateIssnSup5()
948 {
949     SetGeneralLinearProperties();
950     LinearBarcode1.SupplementValue = txtSupplementValue.Text;
951     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.IssnSupplement5;
952 }
953
954 private void GenerateIssnSup2()
955 {
956     SetGeneralLinearProperties();
957     LinearBarcode1.SupplementValue = txtSupplementValue.Text;
958     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.IssnSupplement2;
959 }
960
961 private void GenerateIssn()
962 {
963     SetGeneralLinearProperties();
964     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Issn;
965 }
966
967 private void GenerateIsmnSup5()
968 {
969     SetGeneralLinearProperties();
970     LinearBarcode1.SupplementValue = txtSupplementValue.Text;
```

```
971     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.IsmnSupplement5;
972 }
973
974 private void GenerateIsmnSup2()
975 {
976     SetGeneralLinearProperties();
977     LinearBarcode1.SupplementValue = txtSupplementValue.Text;
978     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.IsmnSupplement2;
979 }
980
981 private void GenerateIsmn()
982 {
983     SetGeneralLinearProperties();
984     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Ismn;
985 }
986
987 private void GenerateIsbnSup5()
988 {
989     SetGeneralLinearProperties();
990     LinearBarcode1.SupplementValue = txtSupplementValue.Text;
991     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.IsbnSupplement5;
992 }
993
994 private void GenerateIsbnSup2()
995 {
996     SetGeneralLinearProperties();
997     LinearBarcode1.SupplementValue = txtSupplementValue.Text;
998     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.IsbnSupplement2;
999 }
1000
1001 private void GenerateIsbn()
1002 {
1003     SetGeneralLinearProperties();
1004     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Isbn;
1005 }
1006
1007 private void GenerateIata25()
1008 {
1009     SetGeneralLinearProperties();
1010     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Iata25;
1011 }
1012
1013 private void GenerateEan14()
1014 {
1015     SetGeneralLinearProperties();
1016     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Ean14;
1017 }
1018
1019 private void GenerateDeutschePostLeitcode()
```

```
1020     {
1021         SetGeneralLinearProperties();
1022         LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.DeutschePostLeitcode;
1023     }
1024
1025     private void GenerateDeutschePostIdentcode()
1026     {
1027         SetGeneralLinearProperties();
1028         LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.DeutschePostIdentcode;
1029     }
1030
1031     private void GenerateCode93()
1032     {
1033         SetGeneralLinearProperties();
1034         LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Code93;
1035     }
1036
1037     private void GenerateAustraliaPost()
1038     {
1039         SetGeneralLinearProperties();
1040         LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.AustraliaPost;
1041     }
1042
1043     private void GenerateAztec()
1044     {
1045         Aztec1.Text = txtText.Text;
1046         Aztec1.XDimension = float.Parse(txtXDimension.Text);
1047         Aztec1.Dpi = float.Parse(txtDpi.Text);
1048         try
1049         {
1050             Aztec1.BarcodeMargin = new ceTe.DynamicBarcode.Creator.Margin(float.Parse(txtMarginLeft.Text),
float.Parse(txtMarginTop.Text), float.Parse(txtMarginRight.Text), float.Parse(txtMarginBottom.Text));
1051         }
1052         catch
1053         {
1054             lblMarginExceptionMessage.Visible = true;
1055         }
1056         int errorCorrection = 5;
1057         int.TryParse(txtAztecErrorCorrection.Text, out errorCorrection);
1058         Aztec1.ErrorCorrectionLevel = errorCorrection;
1059         Aztec1.ProcessTilde = chkAztecProcessTilde.Checked;
1060
1061         switch (ddlAztecSize.SelectedValue)
1062         {
1063             case "Auto":
1064                 Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.Auto;
1065                 break;
1066             case "Compact":
1067                 Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.Compact;
```

```
1068         break;
1069     case "Full":
1070         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.Full;
1071         break;
1072     case "R101xC101":
1073         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R101xC101;
1074         break;
1075     case "R105xC105":
1076         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R105xC105;
1077         break;
1078     case "R109xC109":
1079         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R109xC109;
1080         break;
1081     case "R113xC113":
1082         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R113xC113;
1083         break;
1084     case "R117xC117":
1085         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R117xC117;
1086         break;
1087     case "R121xC121":
1088         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R121xC121;
1089         break;
1090     case "R125xC125":
1091         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R125xC125;
1092         break;
1093     case "R131xC131":
1094         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R131xC131;
1095         break;
1096     case "R135xC135":
1097         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R135xC135;
1098         break;
1099     case "R139xC139":
1100         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R139xC139;
1101         break;
1102     case "R143xC143":
1103         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R143xC143;
1104         break;
1105     case "R147xC147":
1106         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R147xC147;
1107         break;
1108     case "R151xC151":
1109         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R151xC151;
1110         break;
1111     case "R15xC15Compact":
1112         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R15xC15Compact;
1113         break;
1114     case "R19xC19":
1115         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R19xC19;
1116         break;
```



```
1117         case "R19xC19Compact":
1118             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R19xC19Compact;
1119             break;
1120         case "R23xC23":
1121             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R23xC23;
1122             break;
1123         case "R23xC23Compact":
1124             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R23xC23Compact;
1125             break;
1126         case "R27xC27":
1127             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R27xC27;
1128             break;
1129         case "R27xC27Compact":
1130             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R27xC27Compact;
1131             break;
1132         case "R31xC31":
1133             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R31xC31;
1134             break;
1135         case "R37xC37":
1136             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R37xC37;
1137             break;
1138         case "R41xC41":
1139             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R41xC41;
1140             break;
1141         case "R45xC45":
1142             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R45xC45;
1143             break;
1144         case "R49xC49":
1145             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R49xC49;
1146             break;
1147         case "R53xC53":
1148             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R53xC53;
1149             break;
1150         case "R57xC57":
1151             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R57xC57;
1152             break;
1153         case "R61xC61":
1154             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R61xC61;
1155             break;
1156         case "R67xC67":
1157             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R67xC67;
1158             break;
1159         case "R71xC71":
1160             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R71xC71;
1161             break;
1162         case "R75xC75":
1163             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R75xC75;
1164             break;
1165         case "R79xC79":
```

```
1166         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R79xC79;
1167         break;
1168     case "R83xC83":
1169         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R83xC83;
1170         break;
1171     case "R87xC87":
1172         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R87xC87;
1173         break;
1174     case "R91xC91":
1175         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R91xC91;
1176         break;
1177     case "R95xC95":
1178         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R95xC95;
1179         break;
1180     case "Rune":
1181         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.Rune;
1182         break;
1183     }
1184 }
1185
1186 private void GeneratePdf417()
1187 {
1188     Pdf1.Text = txtText.Text;
1189     Pdf1.XDimension = float.Parse(txtXDimension.Text);
1190     Pdf1.Dpi = float.Parse(txtDpi.Text);
1191     try
1192     {
1193         Pdf1.BarcodeMargin = new ceTe.DynamicBarcode.Creator.Margin(float.Parse(txtMarginLeft.Text),
1194 float.Parse(txtMarginTop.Text), float.Parse(txtMarginRight.Text), float.Parse(txtMarginBottom.Text));
1195     }
1196     catch
1197     {
1198         lblMarginExceptionMessage.Visible = true;
1199     }
1200     Pdf1.Columns = int.Parse(txtColumns.Text.Trim());
1201
1202     switch (ddlEncoding.SelectedValue)
1203     {
1204     case "Automatic":
1205         Pdf1.Compaction = ceTe.DynamicBarcode.Creator.Pdf417Compaction.Auto;
1206         break;
1207     case "Byte":
1208         Pdf1.Compaction = ceTe.DynamicBarcode.Creator.Pdf417Compaction.Byte;
1209         break;
1210     case "Numeric":
1211         Pdf1.Compaction = ceTe.DynamicBarcode.Creator.Pdf417Compaction.Numeric;
1212         break;
1213     case "Text":
```

```
1214         Pdf1.Compaction = ceTe.DynamicBarcode.Creator.Pdf417Compaction.Text;
1215         break;
1216     }
1217
1218     switch (ddlErrorCorrectionLevel.SelectedValue)
1219     {
1220         case "Auto":
1221             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Auto;
1222             break;
1223         case "Level0":
1224             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Level0;
1225             break;
1226         case "Level1":
1227             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Level1;
1228             break;
1229         case "Level2":
1230             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Level2;
1231             break;
1232         case "Level3":
1233             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Level3;
1234             break;
1235         case "Level4":
1236             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Level4;
1237             break;
1238         case "Level5":
1239             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Level5;
1240             break;
1241         case "Level6":
1242             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Level6;
1243             break;
1244         case "Level7":
1245             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Level7;
1246             break;
1247         case "Level8":
1248             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Level8;
1249             break;
1250     }
1251 }
1252
1253 private void GenerateQRCode()
1254 {
1255     QRCode1.Text = txtText.Text;
1256     QRCode1.XDimension = float.Parse(txtXDimension.Text);
1257     QRCode1.Dpi = float.Parse(txtDpi.Text);
1258     try
1259     {
1260         QRCode1.BarcodeMargin = new ceTe.DynamicBarcode.Creator.Margin(float.Parse(txtMarginLeft.Text),
float.Parse(txtMarginTop.Text), float.Parse(txtMarginRight.Text), float.Parse(txtMarginBottom.Text));
1261     }
```

```
1262     catch
1263     {
1264         lblMarginExceptionMessage.Visible = true;
1265     }
1266
1267     switch (ddlEncoding.SelectedValue)
1268     {
1269         case "Alphanumeric":
1270             QRCode1.QRCodeEncoding = ceTe.DynamicBarcode.Creator.QRCodeEncoding.Alphanumeric;
1271             break;
1272         case "Auto":
1273             QRCode1.QRCodeEncoding = ceTe.DynamicBarcode.Creator.QRCodeEncoding.Auto;
1274             break;
1275         case "Byte":
1276             QRCode1.QRCodeEncoding = ceTe.DynamicBarcode.Creator.QRCodeEncoding.Byte;
1277             break;
1278         case "Kanji":
1279             QRCode1.QRCodeEncoding = ceTe.DynamicBarcode.Creator.QRCodeEncoding.Kanji;
1280             break;
1281         case "Numeric":
1282             QRCode1.QRCodeEncoding = ceTe.DynamicBarcode.Creator.QRCodeEncoding.Numeric;
1283             break;
1284         default:
1285             QRCode1.QRCodeEncoding = null;
1286             break;
1287     }
1288
1289     switch (ddlErrorCorrectionLevel.SelectedValue)
1290     {
1291         case "H":
1292             QRCode1.QRCodeErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.QRCodeErrorCorrectionLevel.H;
1293             break;
1294         case "L":
1295             QRCode1.QRCodeErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.QRCodeErrorCorrectionLevel.L;
1296             break;
1297         case "M":
1298             QRCode1.QRCodeErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.QRCodeErrorCorrectionLevel.M;
1299             break;
1300         case "Q":
1301             QRCode1.QRCodeErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.QRCodeErrorCorrectionLevel.Q;
1302             break;
1303     }
1304
1305     switch (ddlVersion.SelectedValue)
1306     {
1307         case "Auto":
1308             QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Auto;
1309             break;
1310         case "Version1":
```

```
1311         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version1;  
1312         break;  
1313     case "Version2":  
1314         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version2;  
1315         break;  
1316     case "Version3":  
1317         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version3;  
1318         break;  
1319     case "Version4":  
1320         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version4;  
1321         break;  
1322     case "Version5":  
1323         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version5;  
1324         break;  
1325     case "Version6":  
1326         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version6;  
1327         break;  
1328     case "Version7":  
1329         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version7;  
1330         break;  
1331     case "Version8":  
1332         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version8;  
1333         break;  
1334     case "Version9":  
1335         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version9;  
1336         break;  
1337     case "Version10":  
1338         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version10;  
1339         break;  
1340     case "Version11":  
1341         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version11;  
1342         break;  
1343     case "Version12":  
1344         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version12;  
1345         break;  
1346     case "Version13":  
1347         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version13;  
1348         break;  
1349     case "Version14":  
1350         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version14;  
1351         break;  
1352     case "Version15":  
1353         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version15;  
1354         break;  
1355     case "Version16":  
1356         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version16;  
1357         break;  
1358     case "Version17":  
1359         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version17;
```

```
1360         break;
1361     case "Version18":
1362         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version18;
1363         break;
1364     case "Version19":
1365         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version19;
1366         break;
1367     case "Version20":
1368         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version20;
1369         break;
1370     case "Version21":
1371         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version21;
1372         break;
1373     case "Version22":
1374         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version22;
1375         break;
1376     case "Version23":
1377         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version23;
1378         break;
1379     case "Version24":
1380         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version24;
1381         break;
1382     case "Version25":
1383         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version25;
1384         break;
1385     case "Version26":
1386         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version26;
1387         break;
1388     case "Version27":
1389         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version27;
1390         break;
1391     case "Version28":
1392         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version28;
1393         break;
1394     case "Version29":
1395         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version29;
1396         break;
1397     case "Version30":
1398         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version30;
1399         break;
1400     case "Version31":
1401         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version31;
1402         break;
1403     case "Version32":
1404         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version32;
1405         break;
1406     case "Version33":
1407         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version33;
1408         break;
```

```
1409         case "Version34":
1410             QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version34;
1411             break;
1412         case "Version35":
1413             QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version35;
1414             break;
1415         case "Version36":
1416             QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version36;
1417             break;
1418         case "Version37":
1419             QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version37;
1420             break;
1421         case "Version38":
1422             QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version38;
1423             break;
1424         case "Version39":
1425             QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version39;
1426             break;
1427         case "Version40":
1428             QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version40;
1429             break;
1430     }
1431 }
1432
1433 private void GenerateDataMatrix()
1434 {
1435     DataMatrix1.Text = txtText.Text;
1436     DataMatrix1.XDimension = float.Parse(txtXDimension.Text);
1437     DataMatrix1.Dpi = float.Parse(txtDpi.Text);
1438     try
1439     {
1440         DataMatrix1.BarcodeMargin = new ceTe.DynamicBarcode.Creator.Margin(float.Parse(txtMarginLeft.Text),
float.Parse(txtMarginTop.Text), float.Parse(txtMarginRight.Text), float.Parse(txtMarginBottom.Text));
1441     }
1442     catch
1443     {
1444         lblMarginExceptionMessage.Visible = true;
1445     }
1446     switch (ddlEncoding.SelectedValue)
1447     {
1448         case "AnsiX12":
1449             DataMatrix1.EncodingType = ceTe.DynamicBarcode.Creator.DataMatrixEncodingType.AnsiX12;
1450             break;
1451         case "Ascii":
1452             DataMatrix1.EncodingType = ceTe.DynamicBarcode.Creator.DataMatrixEncodingType.Ascii;
1453             break;
1454         case "Auto":
1455             DataMatrix1.EncodingType = ceTe.DynamicBarcode.Creator.DataMatrixEncodingType.Auto;
1456             break;
```

```
1457         case "AutoAscii":
1458             DataMatrix1.EncodingType = ceTe.DynamicBarcode.Creator.DataMatrixEncodingType.AutoAscii;
1459             break;
1460         case "Base256":
1461             DataMatrix1.EncodingType = ceTe.DynamicBarcode.Creator.DataMatrixEncodingType.Base256;
1462             break;
1463         case "C40":
1464             DataMatrix1.EncodingType = ceTe.DynamicBarcode.Creator.DataMatrixEncodingType.C40;
1465             break;
1466         case "DoubleDigit":
1467             DataMatrix1.EncodingType = ceTe.DynamicBarcode.Creator.DataMatrixEncodingType.DoubleDigit;
1468             break;
1469         case "Edifact":
1470             DataMatrix1.EncodingType = ceTe.DynamicBarcode.Creator.DataMatrixEncodingType.Edifact;
1471             break;
1472         case "ExtendedAscii":
1473             DataMatrix1.EncodingType = ceTe.DynamicBarcode.Creator.DataMatrixEncodingType.ExtendedAscii;
1474             break;
1475         case "Text":
1476             DataMatrix1.EncodingType = ceTe.DynamicBarcode.Creator.DataMatrixEncodingType.Text;
1477             break;
1478     }
1479 }
1480
1481 private void GenerateUpcESup5()
1482 {
1483     SetGeneralLinearProperties();
1484     LinearBarcode1.SupplementValue = txtSupplementValue.Text;
1485     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.UpcESupplement5;
1486 }
1487
1488 private void GenerateUpcESup2()
1489 {
1490     SetGeneralLinearProperties();
1491     LinearBarcode1.SupplementValue = txtSupplementValue.Text;
1492     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.UpcESupplement2;
1493 }
1494
1495 private void GenerateUpcE()
1496 {
1497     SetGeneralLinearProperties();
1498     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.UpcE;
1499 }
1500
1501 private void GenerateUpcASup5()
1502 {
1503     SetGeneralLinearProperties();
1504     LinearBarcode1.SupplementValue = txtSupplementValue.Text;
1505     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.UpcASupplement5;
```



```
1506     }
1507
1508     private void GenerateUpcASup2()
1509     {
1510         SetGeneralLinearProperties();
1511         LinearBarcode1.SupplementValue = txtSupplementValue.Text;
1512         LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.UpcASupplement2;
1513     }
1514
1515     private void GenerateUpcA()
1516     {
1517         SetGeneralLinearProperties();
1518         LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.UpcA;
1519     }
1520
1521     private void GenerateEan8Sup5()
1522     {
1523         SetGeneralLinearProperties();
1524         LinearBarcode1.SupplementValue = txtSupplementValue.Text;
1525         LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Ean8Supplement5;
1526     }
1527
1528     private void GenerateEan8Sup2()
1529     {
1530         SetGeneralLinearProperties();
1531         LinearBarcode1.SupplementValue = txtSupplementValue.Text;
1532         LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Ean8Supplement2;
1533     }
1534
1535     private void GenerateEan8()
1536     {
1537         SetGeneralLinearProperties();
1538         LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Ean8;
1539     }
1540
1541     private void GenerateEan13Sup5()
1542     {
1543         SetGeneralLinearProperties();
1544         LinearBarcode1.SupplementValue = txtSupplementValue.Text;
1545         LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Ean13Supplement5;
1546     }
1547
1548     private void GenerateEan13Sup2()
1549     {
1550         SetGeneralLinearProperties();
1551         LinearBarcode1.SupplementValue = txtSupplementValue.Text;
1552         LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Ean13Supplement2;
1553     }
1554
```

```
1555 private void GenerateEan13()  
1556 {  
1557     SetGeneralLinearProperties();  
1558     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Ean13;  
1559 }  
1560  
1561 private void GenerateGS1DataBar()  
1562 {  
1563     SetGeneralLinearProperties();  
1564     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.GS1DataBar;  
1565     switch (ddlGS1Type.SelectedValue)  
1566     {  
1567         case "Omnidirectional":  
1568             LinearBarcode1.GS1DataBarType = ceTe.DynamicBarcode.Creator.GS1DataBarType.Omnidirectional;  
1569             break;  
1570         case "Limited":  
1571             LinearBarcode1.GS1DataBarType = ceTe.DynamicBarcode.Creator.GS1DataBarType.Limited;  
1572             break;  
1573         case "Expanded":  
1574             LinearBarcode1.GS1DataBarType = ceTe.DynamicBarcode.Creator.GS1DataBarType.Expanded;  
1575             break;  
1576     }  
1577 }  
1578  
1579 private void GenerateStackedGS1DataBar()  
1580 {  
1581     StackedGS1DataBar1.Text = txtText.Text;  
1582     StackedGS1DataBar1.XDimension = float.Parse(txtXDimension.Text);  
1583     StackedGS1DataBar1.Dpi = float.Parse(txtDpi.Text);  
1584     try  
1585     {  
1586         StackedGS1DataBar1.BarcodeMargin = new ceTe.DynamicBarcode.Creator.Margin(float.Parse(txtMarginLeft.Text),  
float.Parse(txtMarginTop.Text), float.Parse(txtMarginRight.Text), float.Parse(txtMarginBottom.Text));  
1587     }  
1588     catch  
1589     {  
1590         lblMarginExceptionMessage.Visible = true;  
1591     }  
1592     StackedGS1DataBar1.RowHeight = float.Parse(txtSymbolHeight.Text);  
1593     StackedGS1DataBar1.ShowText = chkShowText.Checked;  
1594     switch (ddlTextAlign.SelectedValue)  
1595     {  
1596         case "0":  
1597             StackedGS1DataBar1.TextAlign = ceTe.DynamicBarcode.Creator.Align.Center;  
1598             break;  
1599         case "1":  
1600             StackedGS1DataBar1.TextAlign = ceTe.DynamicBarcode.Creator.Align.Left;  
1601             break;  
1602         case "2":
```

```
1603         StackedGS1DataBar1.TextAlign = ceTe.DynamicBarcode.Creator.Align.Right;
1604         break;
1605     }
1606
1607     switch (ddlStackedGS1Type.SelectedValue)
1608     {
1609         case "Stacked":
1610             StackedGS1DataBar1.StackedGS1DataBarType = ceTe.DynamicBarcode.Creator.StackedGS1DataBarType.Stacked;
1611             break;
1612         case "StackedOmnidirectional":
1613             StackedGS1DataBar1.StackedGS1DataBarType =
ceTe.DynamicBarcode.Creator.StackedGS1DataBarType.StackedOmnidirectional;
1614             break;
1615         case "ExpandedStacked":
1616             StackedGS1DataBar1.StackedGS1DataBarType = ceTe.DynamicBarcode.Creator.StackedGS1DataBarType.ExpandedStacked;
1617             break;
1618     }
1619 }
1620
1621 private void GenerateRm4scc()
1622 {
1623     SetGeneralLinearProperties();
1624     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Rm4scc;
1625 }
1626
1627 private void GenerateMsi()
1628 {
1629     SetGeneralLinearProperties();
1630     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.MsiBarcode;
1631 }
1632
1633 private void GenerateInterleaved25()
1634 {
1635     SetGeneralLinearProperties();
1636     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Interleaved25;
1637 }
1638
1639 private void GenerateIntelligentMail()
1640 {
1641     SetGeneralLinearProperties();
1642     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.IntelligentMailBarcode;
1643 }
1644
1645 private void GenerateCode39()
1646 {
1647     SetGeneralLinearProperties();
1648     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Code39;
1649 }
1650
```

```
1651 private void GenerateCode25()  
1652 {  
1653     SetGeneralLinearProperties();  
1654     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Code25;  
1655 }  
1656  
1657 private void GenerateCode128()  
1658 {  
1659     SetGeneralLinearProperties();  
1660     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Code128;  
1661 }  
1662  
1663 private void GenerateCodabar()  
1664 {  
1665     SetGeneralLinearProperties();  
1666     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Codabar;  
1667 }  
1668  
1669 private void SetGeneralLinearProperties()  
1670 {  
1671     LinearBarcode1.Text = txtText.Text;  
1672     LinearBarcode1.XDimension = float.Parse(txtXDimension.Text);  
1673     LinearBarcode1.Dpi = float.Parse(txtDpi.Text);  
1674     try  
1675     {  
1676         LinearBarcode1.BarcodeMargin = new ceTe.DynamicBarcode.Creator.Margin(float.Parse(txtMarginLeft.Text),  
float.Parse(txtMarginTop.Text), float.Parse(txtMarginRight.Text), float.Parse(txtMarginBottom.Text));  
1677     }  
1678     catch  
1679     {  
1680         lblMarginExceptionMessage.Visible = true;  
1681     }  
1682     LinearBarcode1.SymbolHeight = float.Parse(txtSymbolHeight.Text);  
1683     LinearBarcode1.ShowText = chkShowText.Checked;  
1684     switch (ddlTextAlign.SelectedValue)  
1685     {  
1686         case "0":  
1687             LinearBarcode1.TextAlign = ceTe.DynamicBarcode.Creator.Align.Center;  
1688             break;  
1689         case "1":  
1690             LinearBarcode1.TextAlign = ceTe.DynamicBarcode.Creator.Align.Left;  
1691             break;  
1692         case "2":  
1693             LinearBarcode1.TextAlign = ceTe.DynamicBarcode.Creator.Align.Right;  
1694             break;  
1695     }  
1696 }  
1697  
1698 private void GenerateCode11()
```

```
1699     {
1700         SetGeneralLinearProperties();
1701         LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Code11;
1702     }
1703
1704     private void GeneratePostnet()
1705     {
1706         SetGeneralLinearProperties();
1707         LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Postnet;
1708     }
1709
1710     #endregion GenerateBarcodes
1711 }
```