

```
1 <%@ Page Language="VB" AutoEventWireup="false" CodeFile="AllBarcodes_Advanced.aspx.vb" Inherits="AllBarcodes_Advanced" %>
2
3 <%@ Register Assembly="ceTe.DynamicBarcode.Creator.20" Namespace="ceTe.DynamicBarcode.Creator.Web"
4     TagPrefix="ccl" %>
5 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
6 <html xmlns="http://www.w3.org/1999/xhtml">
7 <head id="Head1" runat="server">
8     <title>DynamicBarcode Creator Example</title>
9     <link rel="stylesheet" type="text/css" href="Style/DynamicBarcodeCreator.css" />
10    <meta name="DESCRIPTION" content="All Barcode Example in C# using DynamicBarcode Creator v2.0 for .NET" />
11 </head>
12 <body>
13     <div id="banner">
14         
16         <div id="header">
17             <i>DynamicBarcode Creator</i> v2.0 for .NET Examples</div>
18         <h1>
19             Barcode creation using web control
20         </h1>
21     </div>
22     <div id="content">
23         <form id="form1" runat="server">
24             <table border="0">
25                 <tr class="head">
26                     <td style="width: 60%; height: 20px">
27                         <asp:Label ID="lblBarcodeName" runat="server"></asp:Label>
28                     </td>
29                 </tr>
30                 <tr>
31                     <td>
32                         <ccl:LinearBarcode ID="LinearBarcode1" runat="server" SymbolHeight="80" BarcodeMargin="0,10,0,10" />
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 'green' or valid Hexa decimal value like '#FF99FC'."
51                                     ForeColor="Red" Visible="False" runat="server" Font-Bold="True" Font-Size="10pt" />
52                                 </td>
53                             </tr>
54                             <tr>
55                                 <td class="tdWidth300">
56                                     Barcode Type :
57                                 </td>
58                                 <td>
59                                     <asp:DropDownList ID="ddlBarcodeTypes" runat="server" AutoPostBack="true"
60 OnSelectedIndexChanged="ddlBarcodeTypes_SelectedIndexChanged">
61                                         <asp:ListItem Text="Australia Post" Value="AustraliaPost"
62 Selected="True"></asp:ListItem>
63                                         <asp:ListItem Text="Codabar" Value="Codabar"></asp:ListItem>
64                                         <asp:ListItem Text="Code 11" Value="Code11"></asp:ListItem>
65                                         <asp:ListItem Text="Code 128" Value="Code128"></asp:ListItem>
66                                         <asp:ListItem Text="Code 25" Value="Code25"></asp:ListItem>
67                                         <asp:ListItem Text="Code 39" Value="Code39"></asp:ListItem>
68                                         <asp:ListItem Text="Code 93" Value="Code93"></asp:ListItem>
69                                         <asp:ListItem Text="Deutsche Post Identcode"
70 Value="DeutschePostIdentcode"></asp:ListItem>
71                                         <asp:ListItem Text="Deutsche Post Leitcode"
72 Value="DeutschePostLeitcode"></asp:ListItem>
73                                         <asp:ListItem Text="Ean 13" Value="Ean13"></asp:ListItem>
74                                         <asp:ListItem Text="Ean 13 Supplement 2" Value="Ean13Sup2"></asp:ListItem>
75                                         <asp:ListItem Text="Ean 13 Supplement 5" Value="Ean13Sup5"></asp:ListItem>
76                                         <asp:ListItem Text="Ean 14" Value="Ean14"></asp:ListItem>
77                                         <asp:ListItem Text="Ean 8" Value="Ean8"></asp:ListItem>
78                                         <asp:ListItem Text="Ean 8 Supplement 2" Value="Ean8Sup2"></asp:ListItem>
79                                         <asp:ListItem Text="Ean 8 Supplement 5" Value="Ean8Sup5"></asp:ListItem>
80                                         <asp:ListItem Text="GS1 DataBar" Value="GS1DataBar"></asp:ListItem>
81                                         <asp:ListItem Text="IATA 25" Value="IATA25"></asp:ListItem>
82                                         <asp:ListItem Text="Intelligent Mail" Value="IntelligentMail"></asp:ListItem>
83                                         <asp:ListItem Text="Interleaved 25" Value="Interleaved25"></asp:ListItem>
```

```
79         <asp:ListItem Text="ISBN" Value="ISBN"></asp:ListItem>
80         <asp:ListItem Text="ISBN Supplement 2" Value="ISBNSup2"></asp:ListItem>
81         <asp:ListItem Text="ISBN Supplement 5" Value="ISBNSup5"></asp:ListItem>
82         <asp:ListItem Text="ISMN" Value="ISMN"></asp:ListItem>
83         <asp:ListItem Text="ISMN Supplement 2" Value="ISMNSup2"></asp:ListItem>
84         <asp:ListItem Text="ISMN Supplement 5" Value="ISMNSup5"></asp:ListItem>
85         <asp:ListItem Text="ISSN" Value="ISSN"></asp:ListItem>
86         <asp:ListItem Text="ISSN Supplement 2" Value="ISSNSup2"></asp:ListItem>
87         <asp:ListItem Text="ISSN Supplement 5" Value="ISSNSup5"></asp:ListItem>
88         <asp:ListItem Text="ITF 14" Value="ITF14"></asp:ListItem>
89         <asp:ListItem Text="KIX" Value="KIX"></asp:ListItem>
90         <asp:ListItem Text="MSI" Value="MSI"></asp:ListItem>
91         <asp:ListItem Text="Postnet" Value="Postnet"></asp:ListItem>
92         <asp:ListItem Text="RM4SCC" Value="RM4SCC"></asp:ListItem>
93         <asp:ListItem Text="Singapore Post" Value="SingaporePost"></asp:ListItem>
94         <asp:ListItem Text="Stacked GS1 DataBar" Value="StackedGS1DataBar"></asp:ListItem>
95         <asp:ListItem Text="UPC A" Value="UpcA"></asp:ListItem>
96         <asp:ListItem Text="UPC A Supplement 2" Value="UpcASup2"></asp:ListItem>
97         <asp:ListItem Text="UPC A Supplement 5" Value="UpcASup5"></asp:ListItem>
98         <asp:ListItem Text="UPC E" Value="UpcE"></asp:ListItem>
99         <asp:ListItem Text="UPC E Supplement 2" Value="UpcESup2"></asp:ListItem>
100        <asp:ListItem Text="UPC E Supplement 5" Value="UpcESup5"></asp:ListItem>
101        <asp:ListItem Text="Aztec" Value="Aztec"></asp:ListItem>
102        <asp:ListItem Text="Data Matrix" Value="DataMatrix"></asp:ListItem>
103        <asp:ListItem Text="Pdf 417" Value="Pdf417"></asp:ListItem>
104    </asp:DropDownList>
105    </td>
106 </tr>
107 <tr id="gslType" runat="server" visible="false">
108     <td class="tdWidth300">
109         GS1 Type :
110     </td>
111     <td>
112         <asp:DropDownList ID="ddlGS1Type" runat="server">
113             <asp:ListItem Selected="True" Text="Omnidirectional"
Value="Omnidirectional"></asp:ListItem>
114             <asp:ListItem Text="Limited" Value="Limited"></asp:ListItem>
115             <asp:ListItem Text="Expanded" Value="Expanded"></asp:ListItem>
116         </asp:DropDownList>
117     </td>
118 </tr>
```

```
119         <tr id="stackedGS1Type" runat="server" visible="false">
120             <td class="tdWidth300">
121                 Stacked GS1 Type :
122             </td>
123             <td>
124                 <asp:DropDownList ID="ddlStackedGS1Type" runat="server">
125                     <asp:ListItem Selected="True" Text="Stacked" Value="Stacked"></asp:ListItem>
126                     Value="StackedOmnidirectional"></asp:ListItem>
127                     <asp:ListItem Text="Expanded Stacked" Value="ExpandedStacked"></asp:ListItem>
128                 </asp:DropDownList>
129             </td>
130         </tr>
131         <tr>
132             <td class="tdWidth300">
133                 Text :
134             </td>
135             <td>
136                 <asp:TextBox ID="txtText" runat="server" TabIndex="2"></asp:TextBox>
137             </td>
138         </tr>
139         <tr>
140             <td class="tdWidth300">
141                 X-Dimension :
142             </td>
143             <td>
144                 <asp:TextBox ID="txtXDimension" runat="server" TabIndex="3"></asp:TextBox>
145             </td>
146         </tr>
147         <tr>
148             <td class="tdWidth300">
149                 Bar Color :
150             </td>
151             <td>
152                 <asp:TextBox ID="txtBarColor" runat="server" TabIndex="4"></asp:TextBox>
153             </td>
154         </tr>
155         <tr>
156             <td class="tdWidth300">
157                 Back Color :
158             </td>
```

```
159         <td>
160             <asp:TextBox ID="txtBackColor" runat="server" TabIndex="5"></asp:TextBox>
161         </td>
162     </tr>
163     <tr>
164         <td class="tdWidth300">
165             DPI :
166         </td>
167         <td>
168             <asp:TextBox ID="txtDpi" runat="server" TabIndex="6"></asp:TextBox>
169         </td>
170     </tr>
171     <tr>
172         <td class="tdWidth300">
173             Margin Left :
174         </td>
175         <td>
176             <asp:TextBox ID="txtMarginLeft" runat="server" TabIndex="7"></asp:TextBox>
177         </td>
178     </tr>
179     <tr>
180         <td class="tdWidth300">
181             Margin Right :
182         </td>
183         <td>
184             <asp:TextBox ID="txtMarginRight" runat="server" TabIndex="8"></asp:TextBox>
185         </td>
186     </tr>
187     <tr>
188         <td class="tdWidth300">
189             Margin Top :
190         </td>
191         <td>
192             <asp:TextBox ID="txtMarginTop" runat="server" TabIndex="9"></asp:TextBox>
193         </td>
194     </tr>
195     <tr>
196         <td class="tdWidth300">
197             Margin Bottom :
198         </td>
199         <td>
```

```
200         <asp:TextBox ID="txtMarginBottom" runat="server" TabIndex="10"></asp:TextBox>
201     </td>
202 </tr>
203 </table>
204 </div>
205 <div id="divSupplements" runat="server" visible="false">
206     <table class="propTable">
207         <tr>
208             <td class="tdWidth300">
209                 Supplement Value :
210             </td>
211             <td>
212                 <asp:TextBox ID="txtSupplementValue" runat="server" TabIndex="11"></asp:TextBox>
213             </td>
214         </tr>
215     </table>
216 </div>
217 <div id="div1D" runat="server" visible="false">
218     <table class="propTable">
219         <tr runat="server" id="rowShowText">
220             <td class="tdWidth300">
221                 Show Text :
222             </td>
223             <td>
224                 <asp:CheckBox ID="chkShowText" runat="server" TabIndex="12" />
225             </td>
226         </tr>
227         <tr>
228             <td class="tdWidth300">
229                 Symbol Height :
230             </td>
231             <td>
232                 <asp:TextBox ID="txtSymbolHeight" runat="server" TabIndex="13"></asp:TextBox>
233             </td>
234         </tr>
235     </table>
236 </div>
237 <div id="divEncoding" runat="server" visible="false">
238     <table class="propTable">
239         <tr>
240             <td class="tdWidth300">
```

```
241         Encoding :
242     </td>
243     <td>
244         <!--<asp:TextBox ID="txtEncoding" runat="server"></asp:TextBox>--%>
245         <asp:DropDownList ID="ddlEncoding" runat="server" TabIndex="14">
246         </asp:DropDownList>
247     </td>
248 </tr>
249 </table>
250 </div>
251 <div id="divECC" runat="server" visible="false">
252     <table class="propTable">
253     <tr>
254         <td class="tdWidth300">
255             Error Correction Level :
256         </td>
257         <td>
258             <!--<asp:TextBox ID="txtErrorCorrectionLevel" runat="server"></asp:TextBox>--%>
259             <asp:DropDownList ID="ddlErrorCorrectionLevel" runat="server" TabIndex="15">
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="16" />
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="17"></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="18" />
297     </td>
298 </tr>
299 <tr>
300     <td class="tdWidth300">
301         Version :
302     </td>
303     <td>
304         <asp:DropDownList ID="ddlVersion" runat="server" TabIndex="19">
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>
335         </td>
336     </tr>
337     <tr>
338         <td class="tdWidth300">
339             Error Correction :
340         </td>
341         <td>
342             <asp:TextBox ID="txtAztecErrorCorrection" runat="server" Text="5"></asp:TextBox>
343         </td>
344     </tr>
345 </table>
346 </div>
347 <div id="divText" runat="server" visible="false">
348     <table class="propTable">
349         <tr>
350             <td class="tdWidth300">
351                 Text Align :
352             </td>
353             <td>
354                 <!--<asp:TextBox ID="txtAlign" runat="server"></asp:TextBox>--%>
355                 <asp:DropDownList ID="ddlTextAlign" runat="server" TabIndex="20">
356                     <asp:ListItem Selected="True" Value="0">Center</asp:ListItem>
357                     <asp:ListItem Value="1">Left</asp:ListItem>
358                     <asp:ListItem Value="2">Right</asp:ListItem>
359                 </asp:DropDownList>
360             </td>
361         </tr>
362         <tr>
363             <td class="tdWidth300">
```

```
364         Text Color :
365     </td>
366     <td>
367         <asp:TextBox ID="txtTextColor" runat="server" TabIndex="21"></asp:TextBox>
368     </td>
369 </tr>
370 </table>
371 </div>
372 <div id="div1" style="margin-left: 150px">
373     <table class="propTable">
374     <tr>
375     <td colspan="2">
376         <asp:Button ID="btnGenerate" runat="server" Text="Generate Barcode" TabIndex="22"
/>&nbsp;  <asp:Button
377             ID="btnClear" runat="server" Text="Reset" TabIndex="23" />
378     </td>
379     </tr>
380 </table>
381 </div>
382 </div>
383 </td>
384 </tr>
385 </table>
386 </form>
387 </div>
388 </body>
389 </html>
```

```
1 Imports System.Drawing
2
3 Partial Class AllBarcodes_Advanced
4     Inherits System.Web.UI.Page
5
6     Protected Sub Page_Load(sender As Object, e As System.EventArgs) Handles Me.Load
7         If Not Page.IsPostBack Then
8             LoadAustraliaPostDefaults()
9             GenerateAustraliaPost()
10        End If
11    End Sub
12
13    Protected Sub ddlBarcodeTypes_SelectedIndexChanged(sender As Object, e As System.EventArgs) Handles
ddlBarcodeTypes.SelectedIndexChanged
14        LoadDefaultBarcode()
15    End Sub
16
17    Protected Sub btnGenerate_Click(sender As Object, e As System.EventArgs) Handles btnGenerate.Click
18        Select Case ddlBarcodeTypes.SelectedValue
19            Case "AustraliaPost"
20                GenerateAustraliaPost()
21            Case "Code93"
22                GenerateCode93()
23            Case "DeutschePostIdentcode"
24                GenerateDeutschePostIdentcode()
25            Case "DeutschePostLeitcode"
26                GenerateDeutschePostLeitcode()
27            Case "Ean14"
28                GenerateEan14()
29            Case "IATA25"
30                GenerateIata25()
31            Case "ISBN"
32                GenerateIsbn()
33            Case "ISBNSupplement2"
34                GenerateIsbnSup2()
35            Case "ISBNSupplement5"
36                GenerateIsbnSup5()
37            Case "ISMN"
38                GenerateIsmn()
39            Case "ISMNSupplement2"
40                GenerateIsmnSup2()
```

```
41         Case "ISMNSupplement5"
42             GenerateIsmnSup5()
43         Case "ISSN"
44             GenerateIssn()
45         Case "ISSNSupplement2"
46             GenerateIssnSup2()
47         Case "ISSNSupplement5"
48             GenerateIssnSup5()
49         Case "ITF14"
50             GenerateItf14()
51         Case "KIX"
52             GenerateKix()
53         Case "SingaporePost"
54             GenerateSingaporePost()
55         Case "Aztec"
56             GenerateAztec()
57         Case "Codabar"
58             GenerateCodabar()
59         Case "Code11"
60             GenerateCode11()
61         Case "Code128"
62             GenerateCode128()
63         Case "Code25"
64             GenerateCode25()
65         Case "Code39"
66             GenerateCode39()
67         Case "MSI"
68             GenerateMsi()
69         Case "Interleaved25"
70             GenerateInterleaved25()
71         Case "Ean8"
72             GenerateEan8()
73         Case "Ean8Sup2"
74             GenerateEan8Sup2()
75         Case "Ean8Sup5"
76             GenerateEan8Sup5()
77         Case "Ean13"
78             GenerateEan13()
79         Case "Ean13Sup2"
80             GenerateEan13Sup2()
81         Case "Ean13Sup5"
```

```
82         GenerateEan13Sup5()
83     Case "UpcA"
84         GenerateUpcA()
85     Case "UpcASup2"
86         GenerateUpcASup2()
87     Case "UpcASup5"
88         GenerateUpcASup5()
89     Case "UpcE"
90         GenerateUpcE()
91     Case "UpcESup2"
92         GenerateUpcESup2()
93     Case "UpcESup5"
94         GenerateUpcESup5()
95     Case "IntelligentMail"
96         GenerateIntelligentMail()
97     Case "Postnet"
98         GeneratePostnet()
99     Case "RM4SCC"
100        GenerateRm4scc()
101     Case "DataMatrix"
102        GenerateDataMatrix()
103     Case "QRCode"
104        GenerateQRCode()
105     Case "Pdf417"
106        GeneratePdf417()
107     Case "GS1DataBar"
108        GenerateGS1DataBar()
109     Case "StackedGS1DataBar"
110        GenerateStackedGS1DataBar()
111     End Select
112
113     SetBarcodeCustomColors()
114 End Sub
115
116 Protected Sub btnClear_Click(sender As Object, e As System.EventArgs) Handles btnClear.Click
117     LoadDefaultBarcode()
118 End Sub
119
120 #Region "LoadDefaults"
121
122     Private Sub LoadSingaporePostDefaults()
```

```
123     DisplayIDControl(True)
124     LoadGeneralDefaults()
125     txtSymbolHeight.Text = "20"
126     txtText.Text = "208154"
127 End Sub
128
129 Private Sub LoadKixDefaults()
130     DisplayIDControl(True)
131     LoadGeneralDefaults()
132     txtSymbolHeight.Text = "20"
133     txtText.Text = "1231FZ13XHS"
134 End Sub
135
136 Private Sub LoadITF14Defaults()
137     DisplayIDControl(True)
138     LoadGeneralDefaults()
139     txtText.Text = "1234567890"
140 End Sub
141
142 Private Sub LoadIssnSup5Defaults()
143     LoadIssnDefaults()
144     divSupplements.Visible = True
145     LoadGeneralDefaults()
146     txtSupplementValue.Text = "12345"
147 End Sub
148
149 Private Sub LoadIssnSup2Defaults()
150     LoadIssnDefaults()
151     divSupplements.Visible = True
152     LoadGeneralDefaults()
153     txtSupplementValue.Text = "12"
154 End Sub
155
156 Private Sub LoadIssnDefaults()
157     DisplayIDControl(True)
158     LoadGeneralDefaults()
159     divText.Visible = False
160     div1D.Visible = False
161     txtText.Text = "977-1234-56700"
162 End Sub
163
```

```
164 Private Sub LoadIsmnSup5Defaults()  
165     LoadIsmnDefaults()  
166     divSupplements.Visible = True  
167     LoadGeneralDefaults()  
168     txtSupplementValue.Text = "12345"  
169 End Sub  
170  
171 Private Sub LoadIsmnSup2Defaults()  
172     LoadIsmnDefaults()  
173     divSupplements.Visible = True  
174     LoadGeneralDefaults()  
175     txtSupplementValue.Text = "12"  
176 End Sub  
177  
178 Private Sub LoadIsmnDefaults()  
179     Display1DControl(True)  
180     LoadGeneralDefaults()  
181     divText.Visible = False  
182     div1D.Visible = False  
183     txtText.Text = "979-0-1234-5678"  
184 End Sub  
185  
186 Private Sub LoadIsbnSup5Defaults()  
187     LoadIsbnDefaults()  
188     divSupplements.Visible = True  
189     LoadGeneralDefaults()  
190     txtSupplementValue.Text = "12345"  
191 End Sub  
192  
193 Private Sub LoadIsbnSup2Defaults()  
194     LoadIsbnDefaults()  
195     divSupplements.Visible = True  
196     LoadGeneralDefaults()  
197     txtSupplementValue.Text = "12"  
198 End Sub  
199  
200 Private Sub LoadIsbnDefaults()  
201     Display1DControl(True)  
202     LoadGeneralDefaults()  
203     divText.Visible = False  
204     div1D.Visible = False
```

```
205         txtText.Text = "987123456789"
206     End Sub
207
208     Private Sub LoadIATA25Defaults()
209         Display1DControl(True)
210         LoadGeneralDefaults()
211         txtText.Text = "1234567890"
212     End Sub
213
214     Private Sub LoadEan14Defaults()
215         Display1DControl(True)
216         LoadGeneralDefaults()
217         txtText.Text = "1234567890"
218     End Sub
219
220     Private Sub LoadDeutschePostLeitcodeDefaults()
221         Display1DControl(True)
222         LoadGeneralDefaults()
223         txtText.Text = "1234567890123"
224     End Sub
225
226     Private Sub LoadDeutschePostIdentcodeDefaults()
227         Display1DControl(True)
228         LoadGeneralDefaults()
229         txtText.Text = "12345678901"
230     End Sub
231
232     Private Sub LoadCode93Defaults()
233         Display1DControl(True)
234         LoadGeneralDefaults()
235         txtText.Text = "123456789"
236     End Sub
237
238     Private Sub LoadAustraliaPostDefaults()
239         Display1DControl(True)
240         LoadGeneralDefaults()
241         txtSymbolHeight.Text = "20"
242         txtText.Text = "1139549554"
243     End Sub
244
245     Private Sub LoadAztecDefaults()
```



```
246     LoadGeneralDefaults()
247     txtText.Text = "Hello World"
248     txtAztecErrorCorrection.Text = 5.ToString()
249     chkAztecProcessTilde.Checked = False
250
251     div1D.Visible = False
252     divText.Visible = False
253     divEncoding.Visible = False
254     divECC.Visible = False
255     divMSI.Visible = False
256     divSupplements.Visible = False
257     divPdf417.Visible = False
258     divQRCode.Visible = False
259     LinearBarcode1.Visible = False
260     QRCode1.Visible = False
261     Pdf1.Visible = False
262     DataMatrix1.Visible = False
263     StackedGS1DataBar1.Visible = False
264     Aztec1.Visible = True
265     divAztec.Visible = True
266
267     ddlAztecSize.Items.Clear()
268     For Each r As ceTe.DynamicBarcode.Creator.AztecSymbolSize In [Enum].GetValues(GetType
(ceTe.DynamicBarcode.Creator.AztecSymbolSize))
269         Dim item As ListItem = New ListItem([Enum].GetName(GetType(ceTe.DynamicBarcode.Creator.AztecSymbolSize), r),
r.ToString())
270         ddlAztecSize.Items.Add(item)
271     Next
272     ddlAztecSize.SelectedIndex = 0
273 End Sub
274
275 Private Sub LoadPdf417Defaults()
276     LoadGeneralDefaults()
277     txtText.Text = "Hello World"
278     txtColumns.Text = "3"
279
280     div1D.Visible = False
281     divText.Visible = False
282     divEncoding.Visible = True
283     divECC.Visible = True
284     divMSI.Visible = False
```

```
285     divSupplements.Visible = False
286     divPdf417.Visible = True
287     divQRCode.Visible = False
288     divAztec.Visible = False
289
290     Aztec1.Visible = False
291     LinearBarcode1.Visible = False
292     QRCode1.Visible = False
293     Pdf1.Visible = True
294     DataMatrix1.Visible = False
295     StackedGS1DataBar1.Visible = False
296
297     ddlEncoding.Items.Clear()
298     For Each r As ceTe.DynamicBarcode.Creator.Pdf417Compaction In
[Enum].GetValues(GetType(ceTe.DynamicBarcode.Creator.Pdf417Compaction))
299         Dim item As New ListItem([Enum].GetName(GetType(ceTe.DynamicBarcode.Creator.Pdf417Compaction), r), r.ToString())
300         ddlEncoding.Items.Add(item)
301     Next
302     ddlEncoding.SelectedIndex = 3
303
304     ddlErrorCorrectionLevel.Items.Clear()
305     For Each r As ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel In
[Enum].GetValues(GetType(ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel))
306         Dim item As New ListItem([Enum].GetName(GetType(ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel), r),
r.ToString())
307         ddlErrorCorrectionLevel.Items.Add(item)
308     Next
309     ddlErrorCorrectionLevel.SelectedIndex = 9
310 End Sub
311
312 Private Sub LoadQRCodeDefaults()
313     LoadGeneralDefaults()
314     txtText.Text = "Hello World"
315     chkProcessTilde.Checked = False
316
317     div1D.Visible = False
318     divText.Visible = False
319     divEncoding.Visible = True
320     divECC.Visible = True
321     divMSI.Visible = False
322     divSupplements.Visible = False
```

```
323     divPdf417.Visible = False
324     divQRCode.Visible = True
325     divAztec.Visible = False
326
327     Aztec1.Visible = False
328     LinearBarcode1.Visible = False
329     QRCode1.Visible = True
330     Pdf1.Visible = False
331     DataMatrix1.Visible = False
332     StackedGS1DataBar1.Visible = False
333
334     ddlVersion.Items.Clear()
335     For Each r As ceTe.DynamicBarcode.Creator.QRCodeVersion In
[Enum].GetValues(GetType(ceTe.DynamicBarcode.Creator.QRCodeVersion))
336         Dim item As New ListItem([Enum].GetName(GetType(ceTe.DynamicBarcode.Creator.QRCodeVersion), r), r.ToString())
337         ddlVersion.Items.Add(item)
338     Next
339     ddlVersion.SelectedIndex = 40
340
341     ddlEncoding.Items.Clear()
342     For Each r As ceTe.DynamicBarcode.Creator.QRCodeEncoding In
[Enum].GetValues(GetType(ceTe.DynamicBarcode.Creator.QRCodeEncoding))
343         Dim item As New ListItem([Enum].GetName(GetType(ceTe.DynamicBarcode.Creator.QRCodeEncoding), r), r.ToString())
344         ddlEncoding.Items.Add(item)
345     Next
346     ddlEncoding.SelectedIndex = 4
347
348     ddlErrorCorrectionLevel.Items.Clear()
349     For Each r As ceTe.DynamicBarcode.Creator.QRCodeErrorCorrectionLevel In
[Enum].GetValues(GetType(ceTe.DynamicBarcode.Creator.QRCodeErrorCorrectionLevel))
350         Dim item As New ListItem([Enum].GetName(GetType(ceTe.DynamicBarcode.Creator.QRCodeErrorCorrectionLevel), r),
r.ToString())
351         ddlErrorCorrectionLevel.Items.Add(item)
352     Next
353     ddlErrorCorrectionLevel.SelectedIndex = 0
354 End Sub
355
356 Private Sub LoadDataMatrixDefaults()
357     LoadGeneralDefaults()
358     txtText.Text = "Hello World"
359
360     div1D.Visible = False
```

```
361     divText.Visible = False
362     divEncoding.Visible = True
363     divECC.Visible = False
364     divMSI.Visible = False
365     divSupplements.Visible = False
366     divPdf417.Visible = False
367     divQRCode.Visible = False
368     divAztec.Visible = False
369
370     Aztec1.Visible = False
371     LinearBarcode1.Visible = False
372     QRCode1.Visible = False
373     Pdf1.Visible = False
374     DataMatrix1.Visible = True
375     StackedGS1DataBar1.Visible = False
376
377     ddlEncoding.Items.Clear()
378     For Each r As ceTe.DynamicBarcode.Creator.DataMatrixEncodingType In
[Enum].GetValues(GetType(ceTe.DynamicBarcode.Creator.DataMatrixEncodingType))
379         Dim item As New ListItem([Enum].GetName(GetType(ceTe.DynamicBarcode.Creator.DataMatrixEncodingType), r),
r.ToString())
380         ddlEncoding.Items.Add(item)
381     Next
382 End Sub
383
384 Private Sub LoadUpcESup5Defaults()
385     LoadUpcEDefaults()
386     divSupplements.Visible = True
387     LoadGeneralDefaults()
388     txtSupplementValue.Text = "12345"
389 End Sub
390
391 Private Sub LoadUpcESup2Defaults()
392     LoadUpcEDefaults()
393     divSupplements.Visible = True
394     LoadGeneralDefaults()
395     txtSupplementValue.Text = "12"
396 End Sub
397
398 Private Sub LoadUpcEDefaults()
399     Display1DControl(True)
```

```
400     div1D.Visible = False
401     divText.Visible = False
402
403     LoadGeneralDefaults()
404     txtText.Text = "0123456"
405 End Sub
406
407 Private Sub LoadUpcASup5Defaults()
408     LoadUpcADefaults()
409     divSupplements.Visible = True
410     LoadGeneralDefaults()
411     txtSupplementValue.Text = "12345"
412 End Sub
413
414 Private Sub LoadUpcASup2Defaults()
415     LoadUpcADefaults()
416     divSupplements.Visible = True
417     LoadGeneralDefaults()
418     txtSupplementValue.Text = "12"
419 End Sub
420
421 Private Sub LoadUpcADefaults()
422     Display1DControl(True)
423     div1D.Visible = False
424     divText.Visible = False
425
426     LoadGeneralDefaults()
427     txtText.Text = "12345678901"
428 End Sub
429
430 Private Sub LoadEan8Sup5Defaults()
431     LoadEan8Defaults()
432     divSupplements.Visible = True
433     LoadGeneralDefaults()
434     txtSupplementValue.Text = "12345"
435 End Sub
436
437 Private Sub LoadEan8Sup2Defaults()
438     LoadEan8Defaults()
439     divSupplements.Visible = True
440     LoadGeneralDefaults()
```

```
441     txtSupplementValue.Text = "12"
442 End Sub
443
444 Private Sub LoadEan8Defaults()
445     Display1DControl(True)
446     div1D.Visible = False
447     divText.Visible = False
448
449     LoadGeneralDefaults()
450     txtText.Text = "12345670"
451 End Sub
452
453 Private Sub LoadRm4sccDefaults()
454     Display1DControl(True)
455
456     LoadGeneralDefaults()
457     txtSymbolHeight.Text = "20"
458     txtText.Text = "1234567890"
459 End Sub
460
461 Private Sub LoadMsiDefaults()
462     Display1DControl(True)
463
464     LoadGeneralDefaults()
465     txtText.Text = "1234567890"
466 End Sub
467
468 Private Sub LoadInterleaved25Defaults()
469     Display1DControl(True)
470
471     LoadGeneralDefaults()
472     txtText.Text = "1234567890"
473 End Sub
474
475 Private Sub LoadIntelligentMailDefaults()
476     Display1DControl(True)
477
478     LoadGeneralDefaults()
479     txtSymbolHeight.Text = "20"
480     txtText.Text = "0123456709498765432101234567891"
481 End Sub
```

```
482
483 Private Sub LoadCode39Defaults()
484     Display1DControl(True)
485
486     LoadGeneralDefaults()
487     txtText.Text = "123456789"
488 End Sub
489
490 Private Sub LoadCode25Defaults()
491     Display1DControl(True)
492
493     LoadGeneralDefaults()
494     txtText.Text = "123456789"
495 End Sub
496
497 Private Sub LoadCode128Defaults()
498     Display1DControl(True)
499
500     LoadGeneralDefaults()
501     txtText.Text = "Hello World"
502 End Sub
503
504 Private Sub LoadEan13Sup5Defaults()
505     LoadEan13Defaults()
506     divSupplements.Visible = True
507     LoadGeneralDefaults()
508     txtSupplementValue.Text = "12345"
509 End Sub
510
511 Private Sub LoadEan13Sup2Defaults()
512     LoadEan13Defaults()
513     divSupplements.Visible = True
514     LoadGeneralDefaults()
515     txtSupplementValue.Text = "12"
516 End Sub
517
518 Private Sub LoadEan13Defaults()
519     Display1DControl(True)
520     div1D.Visible = False
521     divText.Visible = False
522
```

```
523     LoadGeneralDefaults()  
524     txtText.Text = "123456789012"  
525 End Sub  
526  
527 Private Sub LoadGS1DataBarDefaults()  
528     Display1DControl(True)  
529  
530     LoadGeneralDefaults()  
531     txtText.Text = "(01)1234567890123"  
532 End Sub  
533  
534 Private Sub LoadStackedGS1DataBarDefaults()  
535     Display1DControl(True)  
536     LinearBarcode1.Visible = False  
537     StackedGS1DataBar1.Visible = True  
538     LoadGeneralDefaults()  
539     txtSymbolHeight.Text = "40"  
540     txtText.Text = "(01)1234567890123"  
541 End Sub  
542  
543 Private Sub LoadCode11Defaults()  
544     Display1DControl(True)  
545  
546     LoadGeneralDefaults()  
547     txtText.Text = "1234567"  
548 End Sub  
549  
550 Private Sub LoadGeneralDefaults()  
551     txtXDimension.Text = "2"  
552     txtDpi.Text = "96"  
553     txtMarginBottom.Text = "10"  
554     txtMarginLeft.Text = "10"  
555     txtMarginRight.Text = "10"  
556     txtMarginTop.Text = "10"  
557     txtSymbolHeight.Text = "80"  
558     chkShowText.Checked = False  
559     ddlTextAlign.SelectedIndex = 0  
560 End Sub  
561  
562 Private Sub LoadCodabarDefaults()  
563     Display1DControl(True)
```



```
564
565     LoadGeneralDefaults()
566     txtText.Text = "A1234D"
567 End Sub
568
569 Private Sub LoadPostnetDefaults()
570     Display1DControl(True)
571     rowShowText.Visible = False
572     divText.Visible = False
573
574     LoadGeneralDefaults()
575     txtSymbolHeight.Text = "20"
576     txtText.Text = "20815470412"
577 End Sub
578
579 #End Region
580
581 #Region "GenerateBarcodes"
582
583 Private Sub GenerateSingaporePost()
584     SetGeneralLinearProperties()
585     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.SingaporePost
586 End Sub
587
588 Private Sub GenerateKix()
589     SetGeneralLinearProperties()
590     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Kix
591 End Sub
592
593 Private Sub GenerateItf14()
594     SetGeneralLinearProperties()
595     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Itf14
596 End Sub
597
598 Private Sub GenerateIssnSup5()
599     SetGeneralLinearProperties()
600     LinearBarcode1.SupplementValue = txtSupplementValue.Text
601     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.IssnSupplement5
602 End Sub
603
604 Private Sub GenerateIssnSup2()
```

```
605     SetGeneralLinearProperties()  
606     LinearBarcode1.SupplementValue = txtSupplementValue.Text  
607     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.IssnSupplement2  
608 End Sub  
609  
610 Private Sub GenerateIssn()  
611     SetGeneralLinearProperties()  
612     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Issn  
613 End Sub  
614  
615 Private Sub GenerateIsmnSup5()  
616     SetGeneralLinearProperties()  
617     LinearBarcode1.SupplementValue = txtSupplementValue.Text  
618     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.IsmnSupplement5  
619 End Sub  
620  
621 Private Sub GenerateIsmnSup2()  
622     SetGeneralLinearProperties()  
623     LinearBarcode1.SupplementValue = txtSupplementValue.Text  
624     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.IsmnSupplement2  
625 End Sub  
626  
627 Private Sub GenerateIsmn()  
628     SetGeneralLinearProperties()  
629     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Ismn  
630 End Sub  
631  
632 Private Sub GenerateIsbnSup5()  
633     SetGeneralLinearProperties()  
634     LinearBarcode1.SupplementValue = txtSupplementValue.Text  
635     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.IsbnSupplement5  
636 End Sub  
637  
638 Private Sub GenerateIsbnSup2()  
639     SetGeneralLinearProperties()  
640     LinearBarcode1.SupplementValue = txtSupplementValue.Text  
641     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.IsbnSupplement2  
642 End Sub  
643  
644 Private Sub GenerateIsbn()  
645     SetGeneralLinearProperties()
```

```
646     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Isbn
647 End Sub
648
649 Private Sub GenerateIata25()
650     SetGeneralLinearProperties()
651     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Iata25
652 End Sub
653
654 Private Sub GenerateEan14()
655     SetGeneralLinearProperties()
656     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Ean14
657 End Sub
658
659 Private Sub GenerateDeutschePostLeitcode()
660     SetGeneralLinearProperties()
661     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.DeutschePostLeitcode
662 End Sub
663
664 Private Sub GenerateDeutschePostIdentcode()
665     SetGeneralLinearProperties()
666     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.DeutschePostIdentcode
667 End Sub
668
669 Private Sub GenerateCode93()
670     SetGeneralLinearProperties()
671     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Code93
672 End Sub
673
674 Private Sub GenerateAustraliaPost()
675     SetGeneralLinearProperties()
676     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.AustraliaPost
677 End Sub
678
679 Private Sub GenerateAztec()
680     Aztec1.Text = txtText.Text
681     Aztec1.XDimension = Single.Parse(txtXDimension.Text)
682     Aztec1.Dpi = Single.Parse(txtDpi.Text)
683     Aztec1.BarcodeMargin = New ceTe.DynamicBarcode.Creator.Margin(Single.Parse(txtMarginLeft.Text),
Single.Parse(txtMarginTop.Text), Single.Parse(txtMarginRight.Text), Single.Parse(txtMarginBottom.Text))
684     Dim errorCorrection As Integer = 5
685     Integer.TryParse(txtAztecErrorCorrection.Text, errorCorrection)
```

```
686     Aztec1.ErrorCorrectionLevel = errorCorrection
687     Aztec1.ProcessTilde = chkAztecProcessTilde.Checked
688
689     Select Case (ddlAztecSize.Selected.Value)
690         Case "Auto"
691             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.Auto
692         Case "Compact"
693             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.Compact
694         Case "Full"
695             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.Full
696         Case "R101xC101"
697             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R101xC101
698         Case "R105xC105"
699             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R105xC105
700         Case "R109xC109"
701             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R109xC109
702         Case "R113xC113"
703             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R113xC113
704         Case "R117xC117"
705             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R117xC117
706         Case "R121xC121"
707             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R121xC121
708         Case "R125xC125"
709             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R125xC125
710         Case "R131xC131"
711             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R131xC131
712         Case "R135xC135"
713             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R135xC135
714         Case "R139xC139"
715             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R139xC139
716         Case "R143xC143"
717             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R143xC143
718         Case "R147xC147"
719             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R147xC147
720         Case "R151xC151"
721             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R151xC151
722         Case "R15xC15Compact"
723             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R15xC15Compact
724         Case "R19xC19"
725             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R19xC19
726         Case "R19xC19Compact"
```

```
727         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R19xC19Compact
728     Case "R23xC23"
729         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R23xC23
730     Case "R23xC23Compact"
731         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R23xC23Compact
732     Case "R27xC27"
733         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R27xC27
734     Case "R27xC27Compact"
735         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R27xC27Compact
736     Case "R31xC31"
737         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R31xC31
738     Case "R37xC37"
739         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R37xC37
740     Case "R41xC41"
741         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R41xC41
742     Case "R45xC45"
743         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R45xC45
744     Case "R49xC49"
745         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R49xC49
746     Case "R53xC53"
747         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R53xC53
748     Case "R57xC57"
749         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R57xC57
750     Case "R61xC61"
751         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R61xC61
752     Case "R67xC67"
753         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R67xC67
754     Case "R71xC71"
755         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R71xC71
756     Case "R75xC75"
757         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R75xC75
758     Case "R79xC79"
759         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R79xC79
760     Case "R83xC83"
761         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R83xC83
762     Case "R87xC87"
763         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R87xC87
764     Case "R91xC91"
765         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R91xC91
766     Case "R95xC95"
767         Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.R95xC95
```

```
768         Case "Rune"
769             Aztec1.AztecSymbolSize = ceTe.DynamicBarcode.Creator.AztecSymbolSize.Rune
770     End Select
771 End Sub
772
773 Private Sub GeneratePdf417()
774     Pdf1.Text = txtText.Text
775     Pdf1.XDimension = Single.Parse(txtXDimension.Text)
776     Pdf1.Dpi = Single.Parse(txtDpi.Text)
777     Pdf1.BarcodeMargin = New ceTe.DynamicBarcode.Creator.Margin(Single.Parse(txtMarginLeft.Text),
Single.Parse(txtMarginTop.Text), Single.Parse(txtMarginRight.Text), Single.Parse(txtMarginBottom.Text))
778     Pdf1.Columns = Integer.Parse(txtColumns.Text.Trim())
779
780     Select Case ddlEncoding.SelectedValue
781         Case "Automatic"
782             Pdf1.Compaction = ceTe.DynamicBarcode.Creator.Pdf417Compaction.Auto
783             Exit Select
784         Case "Byte"
785             Pdf1.Compaction = ceTe.DynamicBarcode.Creator.Pdf417Compaction.[Byte]
786             Exit Select
787         Case "Numeric"
788             Pdf1.Compaction = ceTe.DynamicBarcode.Creator.Pdf417Compaction.Numeric
789             Exit Select
790         Case "Text"
791             Pdf1.Compaction = ceTe.DynamicBarcode.Creator.Pdf417Compaction.Text
792             Exit Select
793     End Select
794
795     Select Case ddlErrorCorrectionLevel.SelectedValue
796         Case "Auto"
797             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Auto
798             Exit Select
799         Case "Level0"
800             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Level0
801             Exit Select
802         Case "Level1"
803             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Level1
804             Exit Select
805         Case "Level2"
806             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Level2
807             Exit Select
```

```
808         Case "Level3"
809             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Level3
810             Exit Select
811         Case "Level4"
812             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Level4
813             Exit Select
814         Case "Level5"
815             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Level5
816             Exit Select
817         Case "Level6"
818             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Level6
819             Exit Select
820         Case "Level7"
821             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Level7
822             Exit Select
823         Case "Level8"
824             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Level8
825             Exit Select
826     End Select
827 End Sub
828
829 Private Sub GenerateQRCode()
830     QRCode1.Text = txtText.Text
831     QRCode1.XDimension = Single.Parse(txtXDimension.Text)
832     QRCode1.Dpi = Single.Parse(txtDpi.Text)
833     QRCode1.BarcodeMargin = New ceTe.DynamicBarcode.Creator.Margin(Single.Parse(txtMarginLeft.Text),
Single.Parse(txtMarginTop.Text), Single.Parse(txtMarginRight.Text), Single.Parse(txtMarginBottom.Text))
834
835     Select Case ddlEncoding.SelectedValue
836         Case "Alphanumeric"
837             QRCode1.QRCodeEncoding = ceTe.DynamicBarcode.Creator.QRCodeEncoding.Alphanumeric
838             Exit Select
839         Case "Auto"
840             QRCode1.QRCodeEncoding = ceTe.DynamicBarcode.Creator.QRCodeEncoding.Auto
841             Exit Select
842         Case "Byte"
843             QRCode1.QRCodeEncoding = ceTe.DynamicBarcode.Creator.QRCodeEncoding.[Byte]
844             Exit Select
845         Case "Kanji"
846             QRCode1.QRCodeEncoding = ceTe.DynamicBarcode.Creator.QRCodeEncoding.Kanji
847             Exit Select
```

```
848         Case "Numeric"
849             QRCode1.QRCodeEncoding = ceTe.DynamicBarcode.Creator.QRCodeEncoding.Numeric
850             Exit Select
851         Case Else
852             QRCode1.QRCodeEncoding = Nothing
853             Exit Select
854     End Select
855
856     Select Case ddlErrorCorrectionLevel.SelectedValue
857         Case "H"
858             QRCode1.QRCodeErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.QRCodeErrorCorrectionLevel.H
859             Exit Select
860         Case "L"
861             QRCode1.QRCodeErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.QRCodeErrorCorrectionLevel.L
862             Exit Select
863         Case "M"
864             QRCode1.QRCodeErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.QRCodeErrorCorrectionLevel.M
865             Exit Select
866         Case "Q"
867             QRCode1.QRCodeErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.QRCodeErrorCorrectionLevel.Q
868             Exit Select
869     End Select
870
871     Select Case ddlVersion.SelectedValue
872         Case "Auto"
873             QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Auto
874             Exit Select
875         Case "Version1"
876             QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version1
877             Exit Select
878         Case "Version2"
879             QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version2
880             Exit Select
881         Case "Version3"
882             QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version3
883             Exit Select
884         Case "Version4"
885             QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version4
886             Exit Select
887         Case "Version5"
888             QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version5
```



```
889         Exit Select
890     Case "Version6"
891         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version6
892         Exit Select
893     Case "Version7"
894         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version7
895         Exit Select
896     Case "Version8"
897         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version8
898         Exit Select
899     Case "Version9"
900         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version9
901         Exit Select
902     Case "Version10"
903         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version10
904         Exit Select
905     Case "Version11"
906         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version11
907         Exit Select
908     Case "Version12"
909         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version12
910         Exit Select
911     Case "Version13"
912         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version13
913         Exit Select
914     Case "Version14"
915         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version14
916         Exit Select
917     Case "Version15"
918         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version15
919         Exit Select
920     Case "Version16"
921         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version16
922         Exit Select
923     Case "Version17"
924         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version17
925         Exit Select
926     Case "Version18"
927         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version18
928         Exit Select
929     Case "Version19"
```

```
930         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version19
931         Exit Select
932     Case "Version20"
933         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version20
934         Exit Select
935     Case "Version21"
936         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version21
937         Exit Select
938     Case "Version22"
939         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version22
940         Exit Select
941     Case "Version23"
942         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version23
943         Exit Select
944     Case "Version24"
945         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version24
946         Exit Select
947     Case "Version25"
948         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version25
949         Exit Select
950     Case "Version26"
951         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version26
952         Exit Select
953     Case "Version27"
954         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version27
955         Exit Select
956     Case "Version28"
957         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version28
958         Exit Select
959     Case "Version29"
960         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version29
961         Exit Select
962     Case "Version30"
963         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version30
964         Exit Select
965     Case "Version31"
966         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version31
967         Exit Select
968     Case "Version32"
969         QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version32
970         Exit Select
```

```
971         Case "Version33"
972             QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version33
973             Exit Select
974         Case "Version34"
975             QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version34
976             Exit Select
977         Case "Version35"
978             QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version35
979             Exit Select
980         Case "Version36"
981             QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version36
982             Exit Select
983         Case "Version37"
984             QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version37
985             Exit Select
986         Case "Version38"
987             QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version38
988             Exit Select
989         Case "Version39"
990             QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version39
991             Exit Select
992         Case "Version40"
993             QRCode1.QRCodeVersion = ceTe.DynamicBarcode.Creator.QRCodeVersion.Version40
994             Exit Select
995     End Select
996 End Sub
997
998 Private Sub GenerateDataMatrix()
999     DataMatrix1.Text = txtText.Text
1000     DataMatrix1.XDimension = Single.Parse(txtXDimension.Text)
1001     DataMatrix1.Dpi = Single.Parse(txtDpi.Text)
1002     DataMatrix1.BarcodeMargin = New ceTe.DynamicBarcode.Creator.Margin(Single.Parse(txtMarginLeft.Text),
Single.Parse(txtMarginTop.Text), Single.Parse(txtMarginRight.Text), Single.Parse(txtMarginBottom.Text))
1003     Select Case ddlEncoding.SelectedValue
1004         Case "AnsiX12"
1005             DataMatrix1.EncodingType = ceTe.DynamicBarcode.Creator.DataMatrixEncodingType.AnsiX12
1006             Exit Select
1007         Case "Ascii"
1008             DataMatrix1.EncodingType = ceTe.DynamicBarcode.Creator.DataMatrixEncodingType.Ascii
1009             Exit Select
1010         Case "Auto"
```

```
1011         DataMatrix1.EncodingType = ceTe.DynamicBarcode.Creator.DataMatrixEncodingType.Auto
1012         Exit Select
1013     Case "AutoAscii"
1014         DataMatrix1.EncodingType = ceTe.DynamicBarcode.Creator.DataMatrixEncodingType.AutoAscii
1015         Exit Select
1016     Case "Base256"
1017         DataMatrix1.EncodingType = ceTe.DynamicBarcode.Creator.DataMatrixEncodingType.Base256
1018         Exit Select
1019     Case "C40"
1020         DataMatrix1.EncodingType = ceTe.DynamicBarcode.Creator.DataMatrixEncodingType.C40
1021         Exit Select
1022     Case "DoubleDigit"
1023         DataMatrix1.EncodingType = ceTe.DynamicBarcode.Creator.DataMatrixEncodingType.DoubleDigit
1024         Exit Select
1025     Case "Edifact"
1026         DataMatrix1.EncodingType = ceTe.DynamicBarcode.Creator.DataMatrixEncodingType.Edifact
1027         Exit Select
1028     Case "ExtendedAscii"
1029         DataMatrix1.EncodingType = ceTe.DynamicBarcode.Creator.DataMatrixEncodingType.ExtendedAscii
1030         Exit Select
1031     Case "Text"
1032         DataMatrix1.EncodingType = ceTe.DynamicBarcode.Creator.DataMatrixEncodingType.Text
1033         Exit Select
1034     End Select
1035 End Sub
1036
1037 Private Sub GenerateUpcESup5()
1038     SetGeneralLinearProperties()
1039     LinearBarcode1.SupplementValue = txtSupplementValue.Text
1040     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.UpcESupplement5
1041 End Sub
1042
1043 Private Sub GenerateUpcESup2()
1044     SetGeneralLinearProperties()
1045     LinearBarcode1.SupplementValue = txtSupplementValue.Text
1046     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.UpcESupplement2
1047 End Sub
1048
1049 Private Sub GenerateUpcE()
1050     SetGeneralLinearProperties()
1051     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.UpcE
```

```
1052     End Sub
1053
1054     Private Sub GenerateUpcASup5()
1055         SetGeneralLinearProperties()
1056         LinearBarcode1.SupplementValue = txtSupplementValue.Text
1057         LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.UpcASupplement5
1058     End Sub
1059
1060     Private Sub GenerateUpcASup2()
1061         SetGeneralLinearProperties()
1062         LinearBarcode1.SupplementValue = txtSupplementValue.Text
1063         LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.UpcASupplement2
1064     End Sub
1065
1066     Private Sub GenerateUpcA()
1067         SetGeneralLinearProperties()
1068         LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.UpcA
1069     End Sub
1070
1071     Private Sub GenerateEan8Sup5()
1072         SetGeneralLinearProperties()
1073         LinearBarcode1.SupplementValue = txtSupplementValue.Text
1074         LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Ean8Supplement5
1075     End Sub
1076
1077     Private Sub GenerateEan8Sup2()
1078         SetGeneralLinearProperties()
1079         LinearBarcode1.SupplementValue = txtSupplementValue.Text
1080         LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Ean8Supplement2
1081     End Sub
1082
1083     Private Sub GenerateEan8()
1084         SetGeneralLinearProperties()
1085         LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Ean8
1086     End Sub
1087
1088     Private Sub GenerateRm4scc()
1089         SetGeneralLinearProperties()
1090         LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Rm4scc
1091     End Sub
1092
```

```
1093 Private Sub GenerateMsi()  
1094     SetGeneralLinearProperties()  
1095     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.MsiBarcode  
1096 End Sub  
1097  
1098 Private Sub GenerateInterleaved25()  
1099     SetGeneralLinearProperties()  
1100     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Interleaved25  
1101 End Sub  
1102  
1103 Private Sub GenerateIntelligentMail()  
1104     SetGeneralLinearProperties()  
1105     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.IntelligentMailBarcode  
1106 End Sub  
1107  
1108 Private Sub GenerateCode39()  
1109     SetGeneralLinearProperties()  
1110     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Code39  
1111 End Sub  
1112  
1113 Private Sub GenerateCode25()  
1114     SetGeneralLinearProperties()  
1115     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Code25  
1116 End Sub  
1117  
1118 Private Sub GenerateCode128()  
1119     SetGeneralLinearProperties()  
1120     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Code128  
1121 End Sub  
1122  
1123 Private Sub GenerateCodabar()  
1124     SetGeneralLinearProperties()  
1125     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Codabar  
1126 End Sub  
1127  
1128 Private Sub GenerateCode11()  
1129     SetGeneralLinearProperties()  
1130     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Code11  
1131 End Sub  
1132  
1133 Private Sub GeneratePostnet()
```

```
1134     SetGeneralLinearProperties()  
1135     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Postnet  
1136 End Sub  
1137  
1138 Private Sub GenerateEan13Sup5()  
1139     SetGeneralLinearProperties()  
1140     LinearBarcode1.SupplementValue = txtSupplementValue.Text  
1141     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Ean13Supplement5  
1142 End Sub  
1143  
1144 Private Sub GenerateEan13Sup2()  
1145     SetGeneralLinearProperties()  
1146     LinearBarcode1.SupplementValue = txtSupplementValue.Text  
1147     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Ean13Supplement2  
1148 End Sub  
1149  
1150 Private Sub GenerateEan13()  
1151     SetGeneralLinearProperties()  
1152     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.Ean13  
1153 End Sub  
1154  
1155 Private Sub GenerateGS1DataBar()  
1156     SetGeneralLinearProperties()  
1157     LinearBarcode1.LinearBarcodeType = ceTe.DynamicBarcode.Creator.LinearBarcodeType.GS1DataBar  
1158     Select Case (ddlGS1Type.SelectedValue)  
1159         Case "Omnidirectional"  
1160             LinearBarcode1.GS1DataBarType = ceTe.DynamicBarcode.Creator.GS1DataBarType.Omnidirectional  
1161         Case "Limited"  
1162             LinearBarcode1.GS1DataBarType = ceTe.DynamicBarcode.Creator.GS1DataBarType.Limited  
1163         Case "Expanded"  
1164             LinearBarcode1.GS1DataBarType = ceTe.DynamicBarcode.Creator.GS1DataBarType.Expanded  
1165     End Select  
1166 End Sub  
1167  
1168 Private Sub GenerateStackedGS1DataBar()  
1169     StackedGS1DataBar1.Text = txtText.Text  
1170     StackedGS1DataBar1.XDimension = Single.Parse(txtXDimension.Text)  
1171     StackedGS1DataBar1.Dpi = Single.Parse(txtDpi.Text)  
1172     StackedGS1DataBar1.BarcodeMargin = New ceTe.DynamicBarcode.Creator.Margin(Single.Parse(txtMarginLeft.Text),  
Single.Parse(txtMarginTop.Text), Single.Parse(txtMarginRight.Text), Single.Parse(txtMarginBottom.Text))  
1173     StackedGS1DataBar1.RowHeight = Single.Parse(txtSymbolHeight.Text)
```

```
1174     StackedGS1DataBar1.ShowText = chkShowText.Checked
1175     Select Case (ddlTextAlign.SelectedValues)
1176         Case "0"
1177             StackedGS1DataBar1.TextAlign = ceTe.DynamicBarcode.Creator.Align.Center
1178         Case "1"
1179             StackedGS1DataBar1.TextAlign = ceTe.DynamicBarcode.Creator.Align.Left
1180         Case "2"
1181             StackedGS1DataBar1.TextAlign = ceTe.DynamicBarcode.Creator.Align.Right
1182     End Select
1183
1184     Select Case (ddlStackedGS1Type.SelectedValues)
1185         Case "Stacked"
1186             StackedGS1DataBar1.StackedGS1DataBarType = ceTe.DynamicBarcode.Creator.StackedGS1DataBarType.Stacked
1187         Case "StackedOmnidirectional"
1188             StackedGS1DataBar1.StackedGS1DataBarType =
1189 ceTe.DynamicBarcode.Creator.StackedGS1DataBarType.StackedOmnidirectional
1189         Case "ExpandedStacked"
1190             StackedGS1DataBar1.StackedGS1DataBarType = ceTe.DynamicBarcode.Creator.StackedGS1DataBarType.ExpandedStacked
1191     End Select
1192 End Sub
1193
1194 #End Region
1195
1196 Private Sub Display1DControl(isVisible As Boolean)
1197     div1D.Visible = isVisible
1198     divText.Visible = isVisible
1199     divEncoding.Visible = Not isVisible
1200     divECC.Visible = Not isVisible
1201     divMSI.Visible = Not isVisible
1202     divSupplements.Visible = Not isVisible
1203     divPdf417.Visible = Not isVisible
1204     divQRCode.Visible = Not isVisible
1205     divAztec.Visible = Not isVisible
1206     rowShowText.Visible = isVisible
1207
1208     LinearBarcode1.Visible = isVisible
1209     QRCode1.Visible = Not isVisible
1210     Pdf1.Visible = Not isVisible
1211     DataMatrix1.Visible = Not isVisible
1212     StackedGS1DataBar1.Visible = Not isVisible
1213     Aztec1.Visible = Not isVisible
```



```
1214     End Sub
1215
1216     Private Sub LoadDefaultBarcode()
1217         gs1Type.Visible = False
1218         stackedGS1Type.Visible = False
1219
1220         Select Case ddlBarcodeTypes.SelectedValue
1221             Case "AustraliaPost"
1222                 LoadAustraliaPostDefaults()
1223                 GenerateAustraliaPost()
1224             Case "Code93"
1225                 LoadCode93Defaults()
1226                 GenerateCode93()
1227             Case "DeutschePostIdentcode"
1228                 LoadDeutschePostIdentcodeDefaults()
1229                 GenerateDeutschePostIdentcode()
1230             Case "DeutschePostLeitcode"
1231                 LoadDeutschePostLeitcodeDefaults()
1232                 GenerateDeutschePostLeitcode()
1233             Case "Ean14"
1234                 LoadEan14Defaults()
1235                 GenerateEan14()
1236             Case "IATA25"
1237                 LoadIATA25Defaults()
1238                 GenerateIata25()
1239             Case "ISBN"
1240                 LoadIsbnDefaults()
1241                 GenerateIsbn()
1242             Case "ISBNSup2"
1243                 LoadIsbnSup2Defaults()
1244                 GenerateIsbnSup2()
1245             Case "ISBNSup5"
1246                 LoadIsbnSup5Defaults()
1247                 GenerateIsbnSup5()
1248             Case "ISMN"
1249                 LoadIsmnDefaults()
1250                 GenerateIsmn()
1251             Case "ISMNSup2"
1252                 LoadIsmnSup2Defaults()
1253                 GenerateIsmnSup2()
1254             Case "ISMNSup5"
```

```
1255         LoadIsmnSup5Defaults()
1256         GenerateIsmnSup5()
1257     Case "ISSN"
1258         LoadIssnDefaults()
1259         GenerateIssn()
1260     Case "ISSNSup2"
1261         LoadIssnSup2Defaults()
1262         GenerateIssnSup2()
1263     Case "ISSNSup5"
1264         LoadIssnSup5Defaults()
1265         GenerateIssnSup5()
1266     Case "ITF14"
1267         LoadITF14Defaults()
1268         GenerateItf14()
1269     Case "KIX"
1270         LoadKixDefaults()
1271         GenerateKix()
1272     Case "SingaporePost"
1273         LoadSingaporePostDefaults()
1274         GenerateSingaporePost()
1275     Case "Aztec"
1276         LoadAztecDefaults()
1277         GenerateAztec()
1278     Case "Codabar"
1279         LoadCodabarDefaults()
1280         GenerateCodabar()
1281     Case "Code11"
1282         LoadCode11Defaults()
1283         GenerateCode11()
1284     Case "Code128"
1285         LoadCode128Defaults()
1286         GenerateCode128()
1287     Case "Code25"
1288         LoadCode25Defaults()
1289         GenerateCode25()
1290     Case "Code39"
1291         LoadCode39Defaults()
1292         GenerateCode39()
1293     Case "MSI"
1294         LoadMsiDefaults()
1295         GenerateMsi()
```

```
1296         Case "Interleaved25"  
1297             LoadInterleaved25Defaults()  
1298             GenerateInterleaved25()  
1299         Case "Ean8"  
1300             LoadEan8Defaults()  
1301             GenerateEan8()  
1302         Case "Ean8Sup2"  
1303             LoadEan8Sup2Defaults()  
1304             GenerateEan8Sup2()  
1305         Case "Ean8Sup5"  
1306             LoadEan8Sup5Defaults()  
1307             GenerateEan8Sup5()  
1308         Case "Ean13"  
1309             LoadEan13Defaults()  
1310             GenerateEan13()  
1311         Case "Ean13Sup2"  
1312             LoadEan13Sup2Defaults()  
1313             GenerateEan13Sup2()  
1314         Case "Ean13Sup5"  
1315             LoadEan13Sup5Defaults()  
1316             GenerateEan13Sup5()  
1317         Case "UpcA"  
1318             LoadUpcADefaults()  
1319             GenerateUpcA()  
1320         Case "UpcASup2"  
1321             LoadUpcASup2Defaults()  
1322             GenerateUpcASup2()  
1323         Case "UpcASup5"  
1324             LoadUpcASup5Defaults()  
1325             GenerateUpcASup5()  
1326         Case "UpcE"  
1327             LoadUpcEDefaults()  
1328             GenerateUpcE()  
1329         Case "UpcESup2"  
1330             LoadUpcESup2Defaults()  
1331             GenerateUpcESup2()  
1332         Case "UpcESup5"  
1333             LoadUpcESup5Defaults()  
1334             GenerateUpcESup5()  
1335         Case "IntelligentMail"  
1336             LoadIntelligentMailDefaults()
```

```
1337         GenerateIntelligentMail()  
1338     Case "Postnet"  
1339         LoadPostnetDefaults()  
1340         GeneratePostnet()  
1341     Case "RM4SCC"  
1342         LoadRm4sccDefaults()  
1343         GenerateRm4scc()  
1344     Case "DataMatrix"  
1345         LoadDataMatrixDefaults()  
1346         GenerateDataMatrix()  
1347     Case "QRCode"  
1348         LoadQRCodeDefaults()  
1349         GenerateQRCode()  
1350     Case "Pdf417"  
1351         LoadPdf417Defaults()  
1352         GeneratePdf417()  
1353     Case "GS1DataBar"  
1354         gs1Type.Visible = True  
1355         LoadGS1DataBarDefaults()  
1356         GenerateGS1DataBar()  
1357     Case "StackedGS1DataBar"  
1358         stackedGS1Type.Visible = True  
1359         LoadStackedGS1DataBarDefaults()  
1360         GenerateStackedGS1DataBar()  
1361     End Select  
1362  
1363     lblColorExceptionMessage.Visible = False  
1364  
1365     SetDefaultBarcodeColors()  
1366 End Sub  
1367  
1368 Private Sub SetBarcodeCustomColors()  
1369     Try  
1370         LinearBarcode1.BarColor = System.Drawing.ColorTranslator.FromHtml(txtBarColor.Text.ToString().Trim())  
1371         LinearBarcode1.BackColor = System.Drawing.ColorTranslator.FromHtml(txtBackColor.Text.ToString().Trim())  
1372         LinearBarcode1.TextColor = System.Drawing.ColorTranslator.FromHtml(txtTextColor.Text.ToString().Trim())  
1373         lblColorExceptionMessage.Visible = False  
1374     Catch  
1375         lblColorExceptionMessage.Visible = True  
1376     End Try  
1377 End Sub
```

```
1378
1379     Private Sub SetDefaultBarcodeColors()
1380         txtBackColor.Text = String.Empty
1381         txtBarColor.Text = String.Empty
1382         txtTextColor.Text = String.Empty
1383
1384         LinearBarcode1.BackColor = Color.White
1385         LinearBarcode1.BarColor = Color.Black
1386         LinearBarcode1.TextColor = Color.Black
1387     End Sub
1388
1389     Private Sub SetGeneralLinearProperties()
1390         LinearBarcode1.Text = txtText.Text
1391         LinearBarcode1.XDimension = Single.Parse(txtXDimension.Text)
1392         LinearBarcode1.Dpi = Single.Parse(txtDpi.Text)
1393         LinearBarcode1.BarcodeMargin = New ceTe.DynamicBarcode.Creator.Margin(Single.Parse(txtMarginLeft.Text),
Single.Parse(txtMarginTop.Text), Single.Parse(txtMarginRight.Text), Single.Parse(txtMarginBottom.Text))
1394         LinearBarcode1.SymbolHeight = Single.Parse(txtSymbolHeight.Text)
1395         LinearBarcode1.ShowText = chkShowText.Checked
1396         Select Case ddlTextAlign.SelectedValue
1397             Case "0"
1398                 LinearBarcode1.TextAlign = ceTe.DynamicBarcode.Creator.Align.Center
1399                 Exit Select
1400             Case "1"
1401                 LinearBarcode1.TextAlign = ceTe.DynamicBarcode.Creator.Align.Left
1402                 Exit Select
1403             Case "2"
1404                 LinearBarcode1.TextAlign = ceTe.DynamicBarcode.Creator.Align.Right
1405                 Exit Select
1406         End Select
1407     End Sub
1408
1409 End Class
```