

AllBarcodes_Advanced.aspx

```
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="cc1" %>
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           <cc1:LinearBarcode ID="LinearBarcode1" runat="server" SymbolHeight="80" BarcodeMargin="0,10,0,10" />
33           <cc1:DataMatrix ID="DataMatrix1" runat="server" BarcodeMargin="0,10,0,10"
34             Visible="false" />
35           <cc1:Pdf417 ID="Pdf1" runat="server" BarcodeMargin="0,10,0,10" Visible="false" />
36           <cc1:QRCode ID="QRCode1" runat="server" BarcodeMargin="0,10,0,10" Visible="false" />
37           <cc1:StackedGS1DataBar ID="StackedGS1DataBar1" runat="server" BarcodeMargin="0,10,0,10"
38             Visible="false" />
39           <cc1:Aztec ID="Aztec1" runat="server" BarcodeMargin="0,10,0,10" Visible="false" />
40         </td>
41       </tr>
```

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```
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
'green' or valid Hexa decimal value like '#FF99FC'." 
50                                         ForeColor="Red" Visible="False" runat="server" Font-Bold="True" Font-Size="10pt" />
51                                 </td>
52                             </tr>
53                             <tr>
54                                 <td class="tdWidth300">
55                                     Barcode Type :
56                                 </td>
57                                 <td>
58                                     <asp:DropDownList ID="ddlBarcodeTypes" runat="server" AutoPostBack="true"
59 OnSelectedIndexChanged="ddlBarcodeTypes_SelectedIndexChanged">
60                                         <asp:ListItem Text="Australia Post" Value="AustraliaPost"
61 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"
69 Value="DeutschePostIdentcode"></asp:ListItem>
70                                         <asp:ListItem Text="Deutsche Post Leitcode"
71 Value="DeutschePostLeitcode"></asp:ListItem>
72                                         <asp:ListItem Text="Ean 13" Value="Ean13"></asp:ListItem>
73                                         <asp:ListItem Text="Ean 13 Supplement 2" Value="Ean13Sup2"></asp:ListItem>
74                                         <asp:ListItem Text="Ean 13 Supplement 5" Value="Ean13Sup5"></asp:ListItem>
75                                         <asp:ListItem Text="Ean 14" Value="Ean14"></asp:ListItem>
76                                         <asp:ListItem Text="Ean 8" Value="Ean8"></asp:ListItem>
77                                         <asp:ListItem Text="Ean 8 Supplement 2" Value="Ean8Sup2"></asp:ListItem>
78                                         <asp:ListItem Text="Ean 8 Supplement 5" Value="Ean8Sup5"></asp:ListItem>
<asp:ListItem Text="GS1 DataBar" Value="GS1DataBar"></asp:ListItem>
<asp:ListItem Text="IATA 25" Value="IATA25"></asp:ListItem>
<asp:ListItem Text="Intelligent Mail" Value="IntelligentMail"></asp:ListItem>
<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="gs1Type" 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                         <asp:ListItem Text="Stacked Omnidirectional"
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>
```

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```
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 :
```

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```
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 :
```

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```
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="ddl TextAlign" 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"
377 />&nbsp;<asp:Button
378                         ID="btnClear" runat="server" Text="Reset" TabIndex="23" />
379                     </td>
380                 </tr>
381             </table>
382         </div>
383     </div>
384     </td>
385     </tr>
386     </form>
387 </div>
388 </body>
389 </html>
```

AllBarcodes_Advanced.aspx.vb

```
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
14        ddlBarcodeTypes.SelectedIndexChanged
15            LoadDefaultBarcode()
16        End Sub
17
18    Protected Sub btnGenerate_Click(sender As Object, e As System.EventArgs) Handles btnGenerate.Click
19        Select Case ddlBarcodeTypes.SelectedValue
20            Case "AustraliaPost"
21                GenerateAustraliaPost()
22            Case "Code93"
23                GenerateCode93()
24            Case "DeutschePostIdentcode"
25                GenerateDeutschePostIdentcode()
26            Case "DeutschePostLeitcode"
27                GenerateDeutschePostLeitcode()
28            Case "Ean14"
29                GenerateEan14()
30            Case "IATA25"
31                GenerateIata25()
32            Case "ISBN"
33                GenerateIsbn()
34            Case "ISBNSupplement2"
35                GenerateIsbnSup2()
36            Case "ISBNSupplement5"
37                GenerateIsbnSup5()
38            Case "ISMN"
39                GenerateIsmn()
40            Case "ISMNSupplement2"
41                GenerateIsmnSup2()
```

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```
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"
```

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```
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()
```

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```
123     Display1DControl(True)
124     LoadGeneralDefaults()
125     txtSymbolHeight.Text = "20"
126     txtText.Text = "208154"
127 End Sub
128
129 Private Sub LoadKixDefaults()
130     Display1DControl(True)
131     LoadGeneralDefaults()
132     txtSymbolHeight.Text = "20"
133     txtText.Text = "1231FZ13XHS"
134 End Sub
135
136 Private Sub LoadITF14Defaults()
137     Display1DControl(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     Display1DControl(True)
158     LoadGeneralDefaults()
159     divText.Visible = False
160     div1D.Visible = False
161     txtText.Text = "977-1234-56700"
162 End Sub
163
```

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```
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
```

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```
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()
```

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```
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
269 (ceTe.DynamicBarcode.Creator.AztecSymbolSize))
270        Dim item As ListItem = New ListItem([Enum].GetName(GetType(ceTe.DynamicBarcode.Creator.AztecSymbolSize), r),
271 r.ToString())
272        ddlAztecSize.Items.Add(item)
273    Next
274    ddlAztecSize.SelectedIndex = 0
275 End Sub
276
277 Private Sub LoadPdf417Defaults()
278     LoadGeneralDefaults()
279     txtText.Text = "Hello World"
280     txtColumns.Text = "3"
281
282     div1D.Visible = False
283     divText.Visible = False
284     divEncoding.Visible = True
285     divECC.Visible = True
286     divMSI.Visible = False
```

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```
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
299 [Enum].GetValues(GetType(ceTe.DynamicBarcode.Creator.Pdf417Compaction))
300         Dim item As New ListItem([Enum].GetName(GetType(ceTe.DynamicBarcode.Creator.Pdf417Compaction), r), r.ToString())
301         ddlEncoding.Items.Add(item)
302     Next
303     ddlEncoding.SelectedIndex = 3
304
305     ddlErrorCorrectionLevel.Items.Clear()
306     For Each r As ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel In
307 [Enum].GetValues(GetType(ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel))
308         Dim item As New ListItem([Enum].GetName(GetType(ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel), r),
309 r.ToString())
310         ddlErrorCorrectionLevel.Items.Add(item)
311     Next
312     ddlErrorCorrectionLevel.SelectedIndex = 9
313 End Sub
314
315 Private Sub LoadQRCodeDefaults()
316     LoadGeneralDefaults()
317     txtText.Text = "Hello World"
318     chkProcessTilde.Checked = False
319
320     div1D.Visible = False
321     divText.Visible = False
322     divEncoding.Visible = True
323     divECC.Visible = True
324     divMSI.Visible = False
325     divSupplements.Visible = False
```

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```
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
336     [Enum].GetValues(GetType(ceTe.DynamicBarcode.Creator.QRCodeVersion))
337         Dim item As New ListItem([Enum].GetName(GetType(ceTe.DynamicBarcode.Creator.QRCodeVersion), r), r.ToString())
338         ddlVersion.Items.Add(item)
339     Next
340     ddlVersion.SelectedIndex = 40
341
342     ddlEncoding.Items.Clear()
343     For Each r As ceTe.DynamicBarcode.Creator.QRCodeEncoding In
344     [Enum].GetValues(GetType(ceTe.DynamicBarcode.Creator.QRCodeEncoding))
345         Dim item As New ListItem([Enum].GetName(GetType(ceTe.DynamicBarcode.Creator.QRCodeEncoding), r), r.ToString())
346         ddlEncoding.Items.Add(item)
347     Next
348     ddlEncoding.SelectedIndex = 4
349
350     ddlErrorCorrectionLevel.Items.Clear()
351     For Each r As ceTe.DynamicBarcode.Creator.QRCodeErrorCorrectionLevel In
352     [Enum].GetValues(GetType(ceTe.DynamicBarcode.Creator.QRCodeErrorCorrectionLevel))
353         Dim item As New ListItem([Enum].GetName(GetType(ceTe.DynamicBarcode.Creator.QRCodeErrorCorrectionLevel), r),
354         r.ToString())
355         ddlErrorCorrectionLevel.Items.Add(item)
356     Next
357     ddlErrorCorrectionLevel.SelectedIndex = 0
358
359 End Sub
360
361 Private Sub LoadDataMatrixDefaults()
362     LoadGeneralDefaults()
363     txtText.Text = "Hello World"
364
365     div1D.Visible = False
```

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```
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
379     [Enum].GetValues(GetType(ceTe.DynamicBarcode.Creator.DataMatrixEncodingType))
380         Dim item As New ListItem([Enum].GetName(GetType(ceTe.DynamicBarcode.Creator.DataMatrixEncodingType)), r,
381         r.ToString())
382         ddlEncoding.Items.Add(item)
383     Next
384 End Sub
385
386 Private Sub LoadUpcESup5Defaults()
387     LoadUpcEDefaults()
388     divSupplements.Visible = True
389     LoadGeneralDefaults()
390     txtSupplementValue.Text = "12345"
391 End Sub
392
393 Private Sub LoadUpcESup2Defaults()
394     LoadUpcEDefaults()
395     divSupplements.Visible = True
396     LoadGeneralDefaults()
397     txtSupplementValue.Text = "12"
398 End Sub
399
400 Private Sub LoadUpcEDefaults()
401     Display1DControl(True)
```

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```
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()
```

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```
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
```

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```
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
```

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```
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      LoadGeneralDefaults()
565      txtText.Text = "A1234D"
566  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()
```

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```
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()
```

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```
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.SelectedValue)
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"
```

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```
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
```

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```
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),
778 Single.Parse(txtMarginTop.Text), Single.Parse(txtMarginRight.Text), Single.Parse(txtMarginBottom.Text))
779     Pdf1.Columns = Integer.Parse(txtColumns.Text.Trim())
780
781     Select Case ddlEncoding.SelectedValue
782         Case "Automatic"
783             Pdf1.Compaction = ceTe.DynamicBarcode.Creator.Pdf417Compaction.Auto
784             Exit Select
785         Case "Byte"
786             Pdf1.Compaction = ceTe.DynamicBarcode.Creator.Pdf417Compaction.[Byte]
787             Exit Select
788         Case "Numeric"
789             Pdf1.Compaction = ceTe.DynamicBarcode.Creator.Pdf417Compaction.Numeric
790             Exit Select
791         Case "Text"
792             Pdf1.Compaction = ceTe.DynamicBarcode.Creator.Pdf417Compaction.Text
793             Exit Select
794     End Select
795
796     Select Case ddlErrorCorrectionLevel.SelectedValue
797         Case "Auto"
798             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Auto
799             Exit Select
800         Case "Level0"
801             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Level0
802             Exit Select
803         Case "Level1"
804             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Level1
805             Exit Select
806         Case "Level2"
807             Pdf1.ErrorCorrectionLevel = ceTe.DynamicBarcode.Creator.Pdf417ErrorCorrectionLevel.Level2
808             Exit Select
```

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```
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
```

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```
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
```

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```
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"
```

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```
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
```

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```
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"
```

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```
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
```

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```
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
```

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```
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()
```

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```
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),
1173 Single.Parse(txtMarginTop.Text), Single.Parse(txtMarginRight.Text), Single.Parse(txtMarginBottom.Text))
1174     StackedGS1DataBar1.RowHeight = Single.Parse(txtSymbolHeight.Text)
```

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```
1174     StackedGS1DataBar1.ShowText = chkShowText.Checked
1175     Select Case (ddl.TextAlign.SelectedValue)
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.SelectedValue)
1185         Case "Stacked"
1186             StackedGS1DataBar1.StackedGS1DataBarType = ceTe.DynamicBarcode.Creator.StackedGS1DataBarType.Stacked
1187         Case "StackedOmnidirectional"
1188             StackedGS1DataBar1.StackedGS1DataBarType =
1189             ceTe.DynamicBarcode.Creator.StackedGS1DataBarType.StackedOmnidirectional
1190         Case "ExpandedStacked"
1191             StackedGS1DataBar1.StackedGS1DataBarType = ceTe.DynamicBarcode.Creator.StackedGS1DataBarType.ExpandedStacked
1192     End Select
1193 End Sub
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
```

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```
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"
```

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```
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()
```

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```
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()
```

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```
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
```

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```
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),
1394 Single.Parse(txtMarginTop.Text), Single.Parse(txtMarginRight.Text), Single.Parse(txtMarginBottom.Text))
1395         LinearBarcode1.SymbolHeight = Single.Parse(txtSymbolHeight.Text)
1396         LinearBarcode1.ShowText = chkShowText.Checked
1397         Select Case ddl TextAlign.SelectedValue
1398             Case "0"
1399                 LinearBarcode1.TextAlign = ceTe.DynamicBarcode.Creator.Align.Center
1400             Exit Select
1401             Case "1"
1402                 LinearBarcode1.TextAlign = ceTe.DynamicBarcode.Creator.Align.Left
1403             Exit Select
1404             Case "2"
1405                 LinearBarcode1.TextAlign = ceTe.DynamicBarcode.Creator.Align.Right
1406             Exit Select
1407         End Select
1408     End Sub
1409 End Class
```