

```
1 <!-- METADATA TYPE="typelib" UUID="DF9225FE-94A4-490d-8CAD-E8366CE621D3"-->
2 <%
3 ' Create a PDF Document
4 Dim document
5 Set document = Server.CreateObject("DynamicPDF.Document")
6 document.Creator = "Charting.asp"
7 document.Author = "ceTe Software"
8 document.Title = "All Types Of Charts"
9
10 Call AddCharts(document)
11 document.DrawToWeb
12
13 Sub AddCharts(document)
14 'Create a Page and add it to the document
15 Dim MyPage1
16 Set MyPage1 = document.AddPage()
17 MyPage1.PageWidth = 792
18 MyPage1.PageHeight = 612
19
20 Dim MyDocTemplate
21 Set MyDocTemplate = document.SetTemplate()
22 Dim MyPageNumLabel
23 Set MyPageNumLabel = MyDocTemplate.AddPageNumberingLabel( "Page %%CP%% of %%TP%%",100,525,512,12)
24 MyPageNumLabel.Font =DPDF_Font_Helvetica
25 MyPageNumLabel.FontSize = 12
26 MyPageNumLabel.Align = DPDF_TextAlign_Center
27
28 Dim MyPage
29 Set MyPage = document.AddPage()
30 MyPage.PageWidth = 792
31 MyPage.PageHeight = 612
32 MyPage.MarginLeft = 35
33
34 Call AddAreaChart(MyPage,0,40,document)
35 Call AddPieChart(MyPage,0,280,document)
36 Call AddLineChart(MyPage,250,40,document)
37 Call AddBarChart(MyPage,250,280,document)
38 Call AddColumnChart(MyPage,500,40,document)
39 Call XYScatterChart(MyPage,500,280,document)
40 Call MultiTypeSeriesChart(MyPage1,20,50,document)
41 End Sub
42
43 Sub AddAreaChart(MyPage,x,y,document)
```

```
44
45 Call AddCaptionAndRectangle (document,MyPage,"Stacked Area Chart" ,x,y,225,225)
46 ' Create a chart
47 Dim Chart
48 Set Chart = MyPage.AddChart(x+10, y+25, 200, 200,DPDF_Font_Helvetica, 10)
49 ' Create header titles and add it to the chart
50 Dim MyTitle1
51 Set MyTitle1 =Chart.AddHeaderTitle ("Website Visitors")
52 ' Create a indexed stacked area series
53 Dim MyStackedAreaSeries1
54 Set MyStackedAreaSeries1 = Chart.PrimaryPlotArea.AddIndexedStackedAreaSeries()
55 ' Create a indexed area series element and add values to it
56 Dim MySeriesElement1
57 Set MySeriesElement1 = MyStackedAreaSeries1.AddElement("Website A")
58 MySeriesElement1.AddValue 5
59 MySeriesElement1.AddValue 7
60 MySeriesElement1.AddValue 9
61 MySeriesElement1.AddValue 6
62 Dim MySeriesElement2
63 Set MySeriesElement2 = MyStackedAreaSeries1.AddElement("Website B")
64 MySeriesElement2.AddValue 4
65 MySeriesElement2.AddValue 2
66 MySeriesElement2.AddValue 5
67 MySeriesElement2.AddValue 8
68 Dim MySeriesElement3
69 Set MySeriesElement3 = MyStackedAreaSeries1.AddElement("Website C")
70 MySeriesElement3.AddValue 2
71 MySeriesElement3.AddValue 4
72 MySeriesElement3.AddValue 6
73 MySeriesElement3.AddValue 9
74 MySeriesElement1.Color = document.Colors.GetAutoGradient(90,document.Colors.GetCmykColor(0.0, 1.0, 1.0, 0.0),
document.Colors.GetCmykColor(0.0, 0.5512195, 0.5512195, 0.19607842))
75 MySeriesElement2.Color = document.Colors.GetAutoGradient(90,document.Colors.GetCmykColor(1.0, 0.0, 1.0, 0.4980392),
document.Colors.GetCmykColor (0.248780474, 0.0, 0.756097555, 0.19607842))
76 MySeriesElement3.Color = document.Colors.GetAutoGradient(120,document.Colors.GetCmykColor(1.0, 1.0, 0.0, 0.0),
document.Colors.GetCmykColor (0.24782607, 0.06086956, 0.0, 0.09803921))
77 'Create title to the yaxis
78 Dim MyTitle3
79 Set MyTitle3 =MyStackedAreaSeries1.yAxis.AddTitle ("Visitors (in millions)")
80 MyStackedAreaSeries1.XAxis.AddLabel "Q1",0
81 MyStackedAreaSeries1.XAxis.AddLabel "Q2",1
82 MyStackedAreaSeries1.XAxis.AddLabel "Q3",2
83 MyStackedAreaSeries1.XAxis.AddLabel "Q4",3
```

```
84 Chart.GetLegend(0).Visible = False
85 End Sub
86
87 Sub AddLineChart(MyPage,x,y,document)
88   Call AddCaptionAndRectangle (document,MyPage," Line Chart" ,x,y,225,225)
89
90   ' Create a chart
91   Dim Chart
92   Set Chart = MyPage.AddChart(x+10, y+25, 200, 200,DPDF_Font_Helvetica, 10)
93   ' Create header titles and add it to the chart
94   Dim MyTitle1
95   Set MyTitle1 =Chart.AddHeaderTitle ("Website Visitors")
96   ' Create a indexed line series
97   Dim MyLineSeries1
98   Set MyLineSeries1 = Chart.PrimaryPlotArea.AddIndexedLineSeries("Website A")
99   MyLineSeries1.AddValue 5
100  MyLineSeries1.AddValue 7
101  MyLineSeries1.AddValue 9
102  MyLineSeries1.AddValue 6
103  Dim MyLineSeries2
104  Set MyLineSeries2 = Chart.PrimaryPlotArea.AddIndexedLineSeries("Website B")
105  MyLineSeries2.AddValue 4
106  MyLineSeries2.AddValue 2
107  MyLineSeries2.AddValue 5
108  MyLineSeries2.AddValue 8
109  Dim MyLineSeries3
110  Set MyLineSeries3 = Chart.PrimaryPlotArea.AddIndexedLineSeries("Website C")
111  MyLineSeries3.AddValue 2
112  MyLineSeries3.AddValue 4
113  MyLineSeries3.AddValue 6
114  MyLineSeries3.AddValue 9
115  'Create a title to the yaxis
116  Dim MyTitle3
117  Set MyTitle3 =MyLineSeries1.yAxis.AddTitle ("Visitors (in millions)")
118
119  'Adding AxisLabels to the XAxis
120  MyLineSeries1.xAxis.AddLabel "Q1", 0
121  MyLineSeries1.xAxis.AddLabel "Q2", 1
122  MyLineSeries1.xAxis.AddLabel "Q3", 2
123  MyLineSeries1.xAxis.AddLabel "Q4", 3
124  Chart.GetLegend(0).Visible = False
125 End Sub
```

Charting.asp

```
127 Sub AddPieChart(MyPage,x,y,document)
128   Call AddCaptionAndRectangle (document,MyPage,"Pie Chart" ,x,y,225,225)
129   'Create a chart
130   Dim Chart
131   Set Chart = MyPage.AddChart(x+10,y+25,200, 200,DPDF_Font_Helvetica, 10)
132
133   'Create header titles and add it to the chart
134   Dim MyTitle1
135   Set MyTitle1 =Chart.AddHeaderTitle ("Website Visitors(in millions)")
136
137   'Create a pieseries
138   Dim pieseries
139   Set pieseries = Chart.PrimaryPlotArea.AddPieSeries()
140
141   'Create DataLabel
142   Dim datalabel
143   Set datalabel = pieseries.GetScalarDataLabel(True, False, False)
144   pieseries.datalabel = datalabel
145
146   'Add the element
147   Dim PieseriesElement1
148   Set PieseriesElement1 = pieseries.AddElement(27, "Website A")
149
150   Dim PieseriesElement2
151   Set PieseriesElement2 = pieseries.AddElement(19, "Website B")
152
153   Dim PieseriesElement3
154   Set PieseriesElement3 = pieseries.AddElement(21, "Website C")
155
156   PieseriesElement1.Color = document.Colors.GetAutoGradient(90,document.Colors.GetCmykColor(0.0, 1.0, 1.0, 0.0),
document.Colors.GetCmykColor(0.0, 0.5512195, 0.5512195, 0.19607842))
157   PieseriesElement2.Color = document.Colors.GetAutoGradient(90,document.Colors.GetCmykColor(1.0, 0.0, 1.0, 0.4980392),
document.Colors.GetCmykColor (0.248780474, 0.0, 0.756097555, 0.19607842))
158   PieseriesElement3.Color = document.Colors.GetAutoGradient(90,document.Colors.GetCmykColor(1.0, 1.0, 0.0, 0.0),
document.Colors.GetCmykColor (0.24782607, 0.06086956, 0.0, 0.09803921))
159
160   Chart.GetLegend(0).Visible = False
161 End Sub
162
163 Sub AddBarChart(MyPage,x,y,document)
164   Call AddCaptionAndRectangle (document,MyPage,"Bar Chart" ,x,y,225,225)
165   ' Create a chart
166   Dim Chart
```

```
167 Set Chart = MyPage.AddChart(x+10, y+25, 200, 200,DPDF_Font_Helvetica, 10)
168 ' Create header titles and add it to the chart
169 Dim MyTitle1
170 Set MyTitle1 =Chart.AddHeaderTitle ("Website Visitors")
171 ' Create a indexed bar series
172 Dim MyBarSeries1
173 Set MyBarSeries1 = Chart.PrimaryPlotArea.AddIndexedBarSeries("Website A")
174 MyBarSeries1.AddValue 5
175 MyBarSeries1.AddValue 7
176 MyBarSeries1.AddValue 9
177 MyBarSeries1.AddValue 6
178 Dim MyBarSeries2
179 Set MyBarSeries2 = Chart.PrimaryPlotArea.AddIndexedBarSeries("Website B")
180 MyBarSeries2.AddValue 4
181 MyBarSeries2.AddValue 2
182 MyBarSeries2.AddValue 5
183 MyBarSeries2.AddValue 8
184 Dim MyBarSeries3
185 Set MyBarSeries3 = Chart.PrimaryPlotArea.AddIndexedBarSeries("Website C")
186 MyBarSeries3.AddValue 2
187 MyBarSeries3.AddValue 4
188 MyBarSeries3.AddValue 6
189 MyBarSeries3.AddValue 9
190 MyBarSeries1.Color = document.Colors.GetAutoGradient(180,document.Colors.GetCmykColor(0.0, 1.0, 1.0, 0.0),
document.Colors.GetCmykColor(0.0, 0.5512195, 0.5512195, 0.19607842))
191 MyBarSeries2.Color = document.Colors.GetAutoGradient(180,document.Colors.GetCmykColor(1.0, 0.0, 1.0, 0.4980392),
document.Colors.GetCmykColor(0.248780474, 0.0, 0.756097555, 0.19607842))
192 MyBarSeries3.Color = document.Colors.GetAutoGradient(180,document.Colors.GetCmykColor(1.0, 1.0, 0.0, 0.0),
document.Colors.GetCmykColor(0.24782607, 0.06086956, 0.0, 0.09803921))
193 'Create a title to the xaxis
194 Dim MyTitle3
195 Set MyTitle3 = MyBarSeries1.xAxis.AddTitle ("Visitors (in millions)")
196 'Adding AxisLabels to the yaxis
197 MyBarSeries1.yAxis.AddLabel "Q1", 0
198 MyBarSeries1.yAxis.AddLabel "Q2", 1
199 MyBarSeries1.yAxis.AddLabel "Q3", 2
200 MyBarSeries1.yAxis.AddLabel "Q4", 3
201 Chart.GetLegend(0).Visible = False
202 End Sub
203
204 Sub AddColumnChart(MyPage,x,y,document)
205 Call AddCaptionAndRectangle (document,MyPage,"100% Stacked Column Chart" ,x,y,225,225)
206 ' Create a chart
```

```
207 Dim Chart
208 Set Chart = MyPage.AddChart(x+10, y+25, 200, 200,DPDF_Font_Helvetica, 10)
209 ' Create header titles and add it to the chart
210 Dim MyTitle1
211 Set MyTitle1 =Chart.AddHeaderTitle ("Website Visitors")
212 ' Create a indexed 100 percent stacked column series
213 Dim MyStackedColumnSeries1
214 Set MyStackedColumnSeries1 = Chart.PrimaryPlotArea.AddIndexed100PercentStackedColumnSeries()
215 ' Create a indexed 100 percent stacked column series element and add values to it
216 Dim MySeriesElement1
217 Set MySeriesElement1 = MyStackedColumnSeries1.AddElement("Website A")
218 MySeriesElement1.AddValue 5
219 MySeriesElement1.AddValue 7
220 MySeriesElement1.AddValue 9
221 MySeriesElement1.AddValue 6
222 Dim MySeriesElement2
223 Set MySeriesElement2 = MyStackedColumnSeries1.AddElement("Website B")
224 MySeriesElement2.AddValue 4
225 MySeriesElement2.AddValue 2
226 MySeriesElement2.AddValue 5
227 MySeriesElement2.AddValue 8
228 Dim MySeriesElement3
229 Set MySeriesElement3 = MyStackedColumnSeries1.AddElement("Website C")
230 MySeriesElement3.AddValue 2
231 MySeriesElement3.AddValue 4
232 MySeriesElement3.AddValue 6
233 MySeriesElement3.AddValue 9
234 MySeriesElement1.Color = document.Colors.GetAutoGradient(180,document.Colors.GetCmykColor(0.0, 1.0, 1.0, 0.0),
document.Colors.GetCmykColor(0.0,0.5512195, 0.5512195, 0.19607842))
235 MySeriesElement2.Color = document.Colors.GetAutoGradient(180,document.Colors.GetCmykColor(1.0, 0.0, 1.0, 0.4980392),
document.Colors.GetCmykColor(0.248780474, 0.0, 0.756097555, 0.19607842))
236 MySeriesElement3.Color = document.Colors.GetAutoGradient(180,document.Colors.GetCmykColor(1.0, 1.0, 0.0, 0.0),
document.Colors.GetCmykColor(0.24782607, 0.06086956, 0.0, 0.09803921))
237 ' Adding AxisLabels to the XAxis
238 MyStackedColumnSeries1.xAxis.AddLabel "Q1", 0
239 MyStackedColumnSeries1.xAxis.AddLabel "Q2", 1
240 MyStackedColumnSeries1.xAxis.AddLabel "Q3", 2
241 MyStackedColumnSeries1.xAxis.AddLabel "Q4", 3
242 Chart.GetLegend(0).Visible = False
243 End Sub
244
245 Sub XYScatterChart(MyPage,x,y,document)
246 Call AddCaptionAndRectangle (document,MyPage,"XYScatter Chart" ,x,y,225,225)
```

```
247 ' Create a chart
248 Dim Chart
249 Set Chart = MyPage.AddChart(x+10, y+25, 200, 200,DPDF_Font_Helvetica, 10)
250 'Create header titles and add it to the chart
251 Dim MyTitle1
252 Set MyTitle1 =Chart.AddHeaderTitle ("Player Height and Weight")
253 ' Create xyScatter series and add values to it.
254 Dim MyXyScatterSeries1
255 Set MyXyScatterSeries1 = Chart.PrimaryPlotArea.AddXYScatterSeries("Team A")
256 MyXyScatterSeries1.AddValue 112, 55
257 MyXyScatterSeries1.AddValue 125, 60
258 MyXyScatterSeries1.AddValue 138, 68
259 MyXyScatterSeries1.AddValue 150, 73
260 MyXyScatterSeries1.AddValue 172, 80
261 ' Create xyScatter series and add values to it.
262 Dim MyXyScatterSeries2
263 Set MyXyScatterSeries2 = Chart.PrimaryPlotArea.AddXYScatterSeries("Team B")
264 MyXyScatterSeries2.AddValue 110, 54
265 MyXyScatterSeries2.AddValue 128, 62
266 MyXyScatterSeries2.AddValue 140, 70
267 MyXyScatterSeries2.AddValue 155, 75
268 MyXyScatterSeries2.AddValue 170, 80
269 ' Add a title to the yaxis
270 Dim MyTitle2
271 Set MyTitle2 = MyXyScatterSeries1.YAxis.AddTitle ("Height (Inches)")
272 Dim MyTitle3
273 Set MyTitle3 = MyXyScatterSeries1.XAxis.AddTitle ("Weight (Pounds)")
274 ' Set XAxis & YAxis Min values
275 MyXyScatterSeries1.XAxis.Min = 50
276 MyXyScatterSeries1.YAxis.Min = 100
277
278 Chart.GetLegend(0).Visible = False
279 End Sub
280
281 Sub MultiTypeSeriesChart(MyPage1,x,y,document)
282 Call AddCaptionAndRectangle (document,MyPage1,"Plot Area With Different Kinds of Series And Multiple Axis" ,x,y,650,410)
283 ' Create a chart
284 Dim Chart
285 Set Chart = MyPage1.AddChart(x+25, y+37, 600, 350)
286 Chart.BackgroundColor = document.Colors.GetAutoGradient(90,document.Colors.GetCmykColor(0.0,0.0,0.12156862,0.0) ,
document.Colors.GetCmykColor (0.459999979,0.175999984,0.0,0.019607842))
287
288 ' Create header titles and add it to the chart
```

```
289 Dim MyTitle1
290 Set MyTitle1 =Chart.AddHeaderTitle ("Company Sales and Website Visitors")
291 MyTitle1.Align = DPDF_Align_Left
292
293 ' Create a indexed line series
294 Dim MyLineSeries1
295 Set MyLineSeries1 = Chart.PrimaryPlotArea.AddIndexedLineSeries("Website A Visitors")
296 MyLineSeries1.AddValue 1.5
297 MyLineSeries1.AddValue 8
298 MyLineSeries1.AddValue 7.5
299 MyLineSeries1.AddValue 5.5
300 MyLineSeries1.Color = document.Colors.DarkBlue
301 Dim MyLineSeries2
302 Set MyLineSeries2 = Chart.PrimaryPlotArea.AddIndexedLineSeries("Website B Visitors")
303 MyLineSeries2.Color = document.Colors.LimeGreen
304 MyLineSeries2.AddValue 4
305 MyLineSeries2.AddValue 3
306 MyLineSeries2.AddValue 7
307 MyLineSeries2.AddValue 7.5
308 MyLineSeries1.SetMarker DPDF_Marker.DPDF_Marker_Triangle,7
309 MyLineSeries2.SetMarker DPDF_Marker.DPDF_Marker_Circle,7
310
311 Dim NumericYAxis
312 Set NumericYAxis = Chart.PrimaryPlotArea.AddNumericYAxis()
313 NumericYAxis.AnchorType = DPDF_YAxisAnchorType_Right
314 NumericYAxis.AddTitle ("Sales (in $ millions)")
315 NumericYAxis.Interval =1
316
317 ' Create a indexed column series
318 Dim MyColumnSeries1
319 Set MyColumnSeries1 = Chart.PrimaryPlotArea.AddIndexedColumnSeries("Company A Sales",,NumericYAxis)
320 MyColumnSeries1.AddValue 2
321 MyColumnSeries1.AddValue 10
322 MyColumnSeries1.AddValue 14
323 MyColumnSeries1.AddValue 17
324 MyColumnSeries1.Color = document.Colors.Blue
325 Dim MyColumnSeries2
326 Set MyColumnSeries2 = Chart.PrimaryPlotArea.AddIndexedColumnSeries("Company B Sales",,NumericYAxis)
327 MyColumnSeries2.Color = document.Colors.Lime
328 MyColumnSeries2.AddValue 7
329 MyColumnSeries2.AddValue 4
330 MyColumnSeries2.AddValue 10
331 MyColumnSeries2.AddValue 15
```



```
332
333 Dim MyDataLabel
334 Set MyDataLabel = MyColumnSeries1.GetBarColumnValuePositionDataLabel(True,False,True)
335 MyColumnSeries1.DataLabel = MyDataLabel
336 MyDataLabel.FontSize = 7
337 MyColumnSeries1.DataLabel.Prefix = "( "
338 MyColumnSeries1.DataLabel.Suffix = ")"
339 MyColumnSeries2.DataLabel = MyDataLabel
340
341 NumericYAxis.SetMajorGridLines()
342 NumericYAxis.SetMinorGridLines , ,DPDF_LineStyle_Dots
343 NumericYAxis.SetMinorTickMarks()
344 NumericYAxis.SetMajorTickMarks()
345
346 MyColumnSeries1.XAxis.SetMajorGridLines()
347
348 'Create a title to the yaxis
349 Dim MyTitle3
350 Set MyTitle3 = MyLineSeries1.YAxis.AddTitle ("Visitors (in millions)")
351
352 'Adding AxisLabels to the XAxis
353 MyColumnSeries1.XAxis.AddLabel "Q1", 0
354 MyColumnSeries1.XAxis.AddLabel "Q2", 1
355 MyColumnSeries1.XAxis.AddLabel "Q3", 2
356 MyColumnSeries1.XAxis.AddLabel "Q4", 3
357
358 Chart.GetLegend(0).BorderStyle = DPDF_LineStyle_Dots
359 Chart.GetLegend(0).BorderColor = document.Colors.Black
360 Chart.GetLegend(0).BackgroundColor = document.Colors.GetCmykColor(0.08,0.08,0.0,0.019607842)
361 End Sub
362
363
364 Sub AddCaptionAndRectangle(document,MyPage, Caption, x, y, width, height )
365 ' Adds a rectangle and caption to the MyPageElements
366 If width = 0 and height = 0 Then
367 width = 225
368 height = 85
369 End if
370 Dim MyRectangle,MyCaption
371 Set MyRectangle = MyPage.AddRectangle( x, y + 15, width, height - 15 )
372 MyRectangle.FillColor = document.Colors.White
373 Set MyCaption = MyPage.AddLabel( Caption, x, y,300, 10 )
374 MyCaption.Font = DPDF_Font_HelveticaBold
```

```
375 MyCaption.FontSize = 10
376 End Sub
377
378 %>
379
```