

ContactList.asp

```
1 <!-- METADATA TYPE="typelib" UUID="{DF9225FE-94A4-490D-8CAD-E8366CE621D3}"-->
2 <%
3 Option Explicit
4 Dim MyDocument, MyPage, MyRecordset, MyTemplate, MySqlConnection, MyStrConn, BodyBottom, FooterHeight, HeaderHeight, CurrentY
5 Dim AlternateBG
6 Dim CurrentFirstI
7 Dim CompanyName, ContactName, ContactTitle, CustomerID, Phone, Fax, FieldCreated, FirstField, SecondField
8 Dim RectCreated
9 Dim NewPage
10 Dim MyRectangle
11 Call Main()
12
13 Sub Main()
14   Set MyDocument = Server.CreateObject( "DynamicPDF.Document" )
15   MyDocument.Creator = "ContactList.asp"
16   MyDocument.Author = "ceTe Software"
17   MyDocument.Title = "Contact List"
18   HeaderHeight = 74
19   FooterHeight = 14
20   AlternateBG = False
21   FieldCreated = False
22   RectCreated = False
23   FirstField = False
24   SecondField = False
25   CurrentY = 0
26   NewPage = False
27   CurrentFirstI = " "
28   MyDocument.DefaultMarginTop = 36
29   MyDocument.DefaultMarginBottom = 36
30   MyDocument.DefaultMarginLeft = 36
31   MyDocument.DefaultMarginRight = 36
32   MyDocument.DefaultPageWidth = 792
33   MyDocument.DefaultPageHeight = 612
34   BodyBottom = MyDocument.DefaultPageHeight - ( MyDocument.DefaultMarginTop * 2 ) - FooterHeight
35   Set MyTemplate = MyDocument.SetTemplate
36   Call SetMyTemplate()
37   Set MySqlConnection = Server.CreateObject( "ADODB.Connection" )
38
39   Dim MyStrConn
40   MyStrConn = "File Name=" & Server.MapPath( "Northwind_Cnn.udl" )
41   MySqlConnection.Open MyStrConn
42
43   Call CreateContactList()
```

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44 Call BuildDocument()  
45 MyDocument.DrawToWeb  
46 MyRecordset.Close()  
47 MySqlConnection.Close()  
48 End Sub  
49  
50 Sub SetMyTemplate()  
51 Dim SetHeadingLabel  
52 Dim SetContactList  
53 Dim DateLabel  
54 Dim CustIdLabel  
55 Dim CompanyLabel  
56 Dim ContactLabel  
57 Dim TitleLabel  
58 Dim PhoneLabel  
59 Dim FaxLabel  
60 Dim MyPageNumLabel  
61  
62 MyTemplate.AddImage Server.MapPath( "../Images/DPDFLogo.png" ), 0, 0, 21  
63 Set SetHeadingLabel = MyTemplate.AddLabel( "Northwind Traders", 0, 0, 720, 18 )  
64 SetHeadingLabel.Font = DPDF_Font_HelveticaBold  
65 SetHeadingLabel.FontSize = 18  
66 SetHeadingLabel.Align = DPDF_Align_Center  
67 Set SetContactList = MyTemplate.AddLabel( "Contact List", 0, 21, 720, 12 )  
68 SetContactList.Font = DPDF_Font_Helvetica  
69 SetContactList.FontSize = 12  
70 SetContactList.Align = DPDF_Align_Center  
71 Set DateLabel = MyTemplate.AddLabel( Cstr(Datepart( "d", Now() ) & " " & MonthName(Datepart( "m", Now() ), True ) & " " &  
Datepart( "yyyy", Now() ) & " " & Cstr( Time() )), 0, 36, 720, 12 )  
72 DateLabel.Font = DPDF_Font_Helvetica  
73 DateLabel.FontSize = 12  
74 DateLabel.Align = DPDF_Align_Center  
75 MyTemplate.AddRectangle 0, 56, 720, 16, "0000A0", , 1, , DPDF_ApplyColor_Fill  
76 Set CustIdLabel = MyTemplate.AddLabel( "Cust ID", 2, 56, 58, 12 )  
77 CustIdLabel.Font = DPDF_Font_HelveticaBold  
78 CustIdLabel.FontSize = 12  
79 CustIdLabel.Align = DPDF_Align_Left  
80 CustIdLabel.TextColor = "ffffff" 'White Color  
81 Set CompanyLabel = MyTemplate.AddLabel( "Company", 62, 56, 156, 12 )  
82 CompanyLabel.Font = DPDF_Font_HelveticaBold  
83 CompanyLabel.FontSize = 12  
84 CompanyLabel.Align = DPDF_Align_Left  
85 CompanyLabel.TextColor = "ffffff" 'White Color
```

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86 Set ContactLabel = MyTemplate.AddLabel( "Contact", 222, 56, 156, 12 )
87 ContactLabel.Font = DPDF_Font_HelveticaBold
88 ContactLabel.FontSize = 12
89 ContactLabel.Align = DPDF_Align_Left
90 ContactLabel.TextColor = "ffffff" 'White Color
91 Set TitleLabel = MyTemplate.AddLabel( "Title", 362, 56, 156, 12 )
92 TitleLabel.Font = DPDF_Font_HelveticaBold
93 TitleLabel.FontSize = 12
94 TitleLabel.Align = DPDF_Align_Left
95 TitleLabel.TextColor = "ffffff" 'White Color
96 Set PhoneLabel = MyTemplate.AddLabel( "Phone", 522, 56, 86, 12 )
97 PhoneLabel.Font = DPDF_Font_HelveticaBold
98 PhoneLabel.FontSize = 12
99 PhoneLabel.Align = DPDF_Align_Left
100 PhoneLabel.TextColor = "ffffff" 'White Color
101 Set FaxLabel = MyTemplate.AddLabel( "Fax", 622, 56, 86, 12 )
102 FaxLabel.Font = DPDF_Font_HelveticaBold
103 FaxLabel.FontSize = 12
104 FaxLabel.Align = DPDF_Align_Left
105 FaxLabel.TextColor = "ffffff" 'White Color
106 Set MyPageNumLabel = MyTemplate.AddPageNumberingLabel( "Page %%CP(i)%% of %%TP(i)%%", 0, BodyBottom + 5, 720, 10 )
107 MyPageNumLabel.Font = DPDF_Font_Helvetica
108 MyPageNumLabel.FontSize = 10
109 MyPageNumLabel.Align = DPDF_Align_Center
110 End Sub
111
112 Sub CreateContactList()
113 Dim MyStrSql
114 Set MyRecordset = Server.CreateObject( "ADODB.Recordset" )
115 MyStrSql = "SELECT CustomerID, FirstL = Left( CompanyName, 1 ), " & _
116 "CompanyName, ContactName, ContactTitle, Phone, Fax " & _
117 "FROM Customers ORDER BY CompanyName"
118 MyRecordset.Open MyStrSql, MySqlConn, 3, 1
119 End Sub
120
121 Sub BuildDocument()
122 AddNewPage()
123 If MyRecordset.EOF = False Then
124 AddSectionHeader()
125 End if
126
127 Do While Not MyRecordset.EOF
128 AddRecord()
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129 MyRecordset.MoveNext
130 FieldCreated = False
131 FirstField = False
132 SecondField = False
133 Loop
134 End Sub
135
136 Sub AddRecord()
137     Call CreateFields()
138 End Sub
139
140 Function SafeDBNull( Field )
141     'Returns an empty string if the Field value is Null
142     If IsNull(Field) Then
143         SafeDBNull = False
144     Else
145         SafeDBNull = True
146     End If
147 End Function
148
149 Function SetExpandableRecords(CompanyName,ContactName,ContactTitle)
150     ' Gets the maximum height required of the three TextAreas
151     Dim RequiredHeight
152     RequiredHeight = GetMaxRecordHeight(CompanyName, ContactName, ContactTitle)
153     ' Add space for the section header if required
154     Dim SectionHeaderHeight
155     SectionHeaderHeight = 0
156     ' Check if same Section
157     If CurrentFirstI <> Cstr(MyRecordset.Fields(1)) Then
158         SectionHeaderHeight = 26
159     End If
160
161     ' Add a new MyPage if needed
162     If BodyBottom < CurrentY + RequiredHeight + SectionHeaderHeight + 4 Then
163         AddNewPage()
164         If FieldCreated = False Then
165             Call CreateFields()
166         End if
167
168         If SectionHeaderHeight = 0 Then
169             AlternateBG = not AlternateBG
170             ' Update Y coordinate of TextArea when placed on the new MyPage
171             If FieldCreated = False Then
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```
172     CompanyName.Y = CurrentY + 3
173     ContactName.Y = CurrentY + 3
174     ContactTitle.Y = CurrentY + 3
175     End if
176     End If
177 End If
178
179 ' Add section header if required
180 If SectionHeaderHeight > 0 Then
181     AddSectionHeader()
182     If FieldCreated = False Then
183         CompanyName.Y = CurrentY + 3
184         ContactName.Y = CurrentY + 3
185         ContactTitle.Y = CurrentY + 3
186     End if
187 End If
188 SetExpandableRecords = RequiredHeight
189 End Function
190
191 Function GetMaxRecordHeight( CompanyName, ContactName, ContactTitle )
192 ' Returns the maximum required height of the three TextAreas
193 Dim RequiredHeight
194 RequiredHeight = 11
195 Dim RequiredHeightB
196 RequiredHeightB = 0
197 RequiredHeight = CompanyName.GetRequiredHeight()
198 RequiredHeightB = ContactName.GetRequiredHeight()
199 If RequiredHeightB > RequiredHeight Then
200     RequiredHeight = RequiredHeightB
201 End If
202 RequiredHeightB = ContactTitle.GetRequiredHeight()
203 If RequiredHeightB > RequiredHeight Then
204     RequiredHeight = RequiredHeightB
205 End If
206
207 If RequiredHeight > 11 Then
208     CompanyName.Height = RequiredHeight
209     ContactName.Height = RequiredHeight
210     ContactTitle.Height = RequiredHeight
211 End If
212 GetMaxRecordHeight = RequiredHeight
213 End Function
```

```
215 Sub AddSectionHeader()  
216 ' Adds a section header to the current Y coordinate of the current MyPage  
217 If FieldCreated = False Then  
218     Dim SectionLabel  
219     CurrentFirstI = CStr(MyRecordset.Fields(1))  
220     Set SectionLabel = MyPage.AddLabel("- " + CurrentFirstI + " -", 0, CurrentY + 6, 720, 18)  
221     CurrentY = CurrentY + 26  
222     SectionLabel.Font = DPDF_Font_HelveticaBold  
223     SectionLabel.FontSize = 18  
224     SectionLabel.Align = DPDF_Align_Center  
225 End if  
226     AlternateBG = False  
227 End Sub  
228  
229 Sub AddNewPage()  
230     Set MyPage = MyDocument.AddPage()  
231     CurrentY = HeaderHeight  
232     NewPage = True  
233 End Sub  
234  
235 Sub CreateFields()  
236 ' Check if TextArea have been created for one Contact Information in a New Page  
237 If FieldCreated = False Then  
238     If BodyBottom > CurrentY + RequiredHeight + 18 Then  
239         'Putting Color for the Contact and not for Section header  
240         If CurrentFirstI = CStr( MyRecordset.Fields( 1 ) ) Then  
241             If AlternateBG Then  
242                 Set MyRectangle = MyPage.AddRectangle( 0, CurrentY , 720, RequiredHeight, "E0E0FF", , 1, , DPDF_ApplyColor_Fill )  
243                 RectCreated = True  
244             End If  
245         End if  
246  
247         Set CompanyName = MyPage.AddTextArea(CStr( MyRecordset.Fields( 2 ) ), 62, CurrentY + 3, 156, 11 )  
248         CompanyName.Font = DPDF_Font_TimesRoman  
249         CompanyName.FontSize = 11  
250         Set ContactName = MyPage.AddTextArea(CStr( MyRecordset.Fields( 3 ) ), 222, CurrentY + 3, 136, 11 )  
251         ContactName.Font = DPDF_Font_TimesRoman  
252         ContactName.FontSize = 11  
253         Set ContactTitle = MyPage.AddTextArea(CStr( MyRecordset.Fields( 4 ) ), 362, CurrentY + 3, 156, 11 )  
254         ContactTitle.Font = DPDF_Font_TimesRoman  
255         ContactTitle.FontSize = 11  
256         FirstField = True  
257     NewPage = False
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258 End if
259 Dim RequiredHeight
260 RequiredHeight = SetExpandableRecords( CompanyName, ContactName, ContactTitle )
261 If BodyBottom > CurrentY + RequiredHeight and FieldCreated = False Then
262     Set CustomerID = MyPage.AddLabel(CStr( MyRecordset.Fields( 0 ) ), 2, CurrentY + 3, 58, 11 )
263     CustomerID.Font = DPDF_Font_TimesRoman
264     CustomerID.FontSize = 11
265     Set Phone = MyPage.AddLabel(CStr( MyRecordset.Fields( 5 ) ), 522, CurrentY + 3, 96, 11 )
266     Phone.Font = DPDF_Font_TimesRoman
267     Phone.FontSize = 11
268     If SafeDBNull( MyRecordset.Fields( 6 ) ) Then
269         Set Fax = MyPage.AddLabel(CStr( MyRecordset.Fields( 6 ) ), 622, CurrentY + 3, 96, 11 )
270         Fax.Font = DPDF_Font_TimesRoman
271         Fax.FontSize = 11
272     End If
273     SecondField = True
274     NewPage = False
275 End if
276
277 If RectCreated Then
278     MyRectangle.Height = RequiredHeight + 6
279     RectCreated = False
280 End if
281 ' Increments the current Y position on the MyPage
282 CurrentY = CurrentY + RequiredHeight + 6
283 If SecondField = True and FirstField = True Then
284     FieldCreated = True
285     SecondField = False
286     FirstField = False
287 End if
288
289 If FieldCreated = True Then
290     AlternateBG = not AlternateBG
291 End if
292 End if
293 End Sub
```