

ContactList.asp

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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     Call CreateContactList()
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43 Call BuildDocument()
44 MyDocument.DrawToWeb
45 MyRecordset.Close()
46 MySqlConnection.Close()
47 End Sub
48
49 Sub SetMyTemplate()
50 Dim SetHeadingLabel
51 Dim SetContactList
52 Dim DateLabel
53 Dim CustIdLabel
54 Dim CompanyLabel
55 Dim ContactLabel
56 Dim TitleLabel
57 Dim PhoneLabel
58 Dim FaxLabel
59 Dim MyPageNumLabel
60
61 MyTemplate.AddImage Server.MapPath( "./Images/DPDFLogo.png" ), 0, 0, 21
62 Set SetHeadingLabel = MyTemplate.AddLabel( "Northwind Traders", 0, 0, 720, 18 )
63 SetHeadingLabel.Font = DPDF_Font_HelveticaBold
64 SetHeadingLabel.FontSize = 18
65 SetHeadingLabel.Align = DPDF_Align_Center
66 Set SetContactList = MyTemplate.AddLabel( "Contact List", 0, 21, 720, 12 )
67 SetContactList.Font = DPDF_Font_Helvetica
68 SetContactList.FontSize = 12
69 SetContactList.Align = DPDF_Align_Center
70 Set DateLabel = MyTemplate.AddLabel( Cstr(Datepart( "d", Now() ) & " " & MonthName(Datepart( "m", Now() ), True ) & " " &
Datepart( "yyyy", Now() ) & " " & Cstr( Time() )), 0, 36, 720, 12 )
71 DateLabel.Font = DPDF_Font_Helvetica
72 DateLabel.FontSize = 12
73 DateLabel.Align = DPDF_Align_Center
74 MyTemplate.AddRectangle 0, 56, 720, 16, "0000A0", , 1, , DPDF_ApplyColor_Fill
75 Set CustIdLabel = MyTemplate.AddLabel( "Cust ID", 2, 56, 58, 12 )
76 CustIdLabel.Font = DPDF_Font_HelveticaBold
77 CustIdLabel.FontSize = 12
78 CustIdLabel.Align = DPDF_Align_Left
79 CustIdLabel.TextColor = "ffffff" 'White Color
80 Set CompanyLabel = MyTemplate.AddLabel( "Company", 62, 56, 156, 12 )
81 CompanyLabel.Font = DPDF_Font_HelveticaBold
82 CompanyLabel.FontSize = 12
83 CompanyLabel.Align = DPDF_Align_Left
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84 CompanyLabel.TextColor = "ffffff" 'White Color
85 Set ContactLabel = MyTemplate.AddLabel( "Contact", 222, 56, 156, 12 )
86 ContactLabel.Font = DPDF_Font_HelveticaBold
87 ContactLabel.FontSize = 12
88 ContactLabel.Align = DPDF_Align_Left
89 ContactLabel.TextColor = "ffffff" 'White Color
90 Set TitleLabel = MyTemplate.AddLabel( "Title", 362, 56, 156, 12 )
91 TitleLabel.Font = DPDF_Font_HelveticaBold
92 TitleLabel.FontSize = 12
93 TitleLabel.Align = DPDF_Align_Left
94 TitleLabel.TextColor = "ffffff" 'White Color
95 Set PhoneLabel = MyTemplate.AddLabel( "Phone", 522, 56, 86, 12 )
96 PhoneLabel.Font = DPDF_Font_HelveticaBold
97 PhoneLabel.FontSize = 12
98 PhoneLabel.Align = DPDF_Align_Left
99 PhoneLabel.TextColor = "ffffff" 'White Color
100 Set FaxLabel = MyTemplate.AddLabel( "Fax", 622, 56, 86, 12 )
101 FaxLabel.Font = DPDF_Font_HelveticaBold
102 FaxLabel.FontSize = 12
103 FaxLabel.Align = DPDF_Align_Left
104 FaxLabel.TextColor = "ffffff" 'White Color
105 Set MyPageNumLabel = MyTemplate.AddPageNumberingLabel( "Page %%CP(i)%% of %%TP(i)%%", 0, BodyBottom + 5, 720, 10 )
106 MyPageNumLabel.Font = DPDF_Font_Helvetica
107 MyPageNumLabel.FontSize = 10
108 MyPageNumLabel.Align = DPDF_Align_Center
109 End Sub
110
111 Sub CreateContactList()
112 Dim MyStrSql
113 Set MyRecordset = Server.CreateObject( "ADODB.Recordset" )
114 MyStrSql = "SELECT CustomerID, FirstL = Left( CompanyName, 1 ), " & _
115 "CompanyName, ContactName, ContactTitle, Phone, Fax " & _
116 "FROM Customers ORDER BY CompanyName"
117 MyRecordset.Open MyStrSql, MySqlConnection, 3, 1
118 End Sub
119
120 Sub BuildDocument()
121 AddNewPage()
122 If MyRecordset.EOF = False Then
123 AddSectionHeader()
124 End if
125
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126     Do While Not MyRecordset.EOF
127     AddRecord()
128     MyRecordset.MoveNext
129     FieldCreated = False
130     FirstField = False
131     SecondField = False
132 Loop
133 End Sub
134
135 Sub AddRecord()
136     Call CreateFields()
137 End Sub
138
139 Function SafeDBNull( Field )
140     'Returns an empty string if the Field value is Null
141     If IsNull(Field) Then
142         SafeDBNull = False
143     Else
144         SafeDBNull = True
145     End If
146 End Function
147
148 Function SetExpandableRecords(CompanyName,ContactName,ContactTitle)
149     ' Gets the maximum height required of the three TextAreas
150     Dim RequiredHeight
151     RequiredHeight = GetMaxRecordHeight(CompanyName, ContactName, ContactTitle)
152     ' Add space for the section header if required
153     Dim SectionHeaderHeight
154     SectionHeaderHeight = 0
155     ' Check if same Section
156     If CurrentFirstI <> Cstr(MyRecordset.Fields(1)) Then
157         SectionHeaderHeight = 26
158     End If
159
160     ' Add a new MyPage if needed
161     If BodyBottom < CurrentY + RequiredHeight + SectionHeaderHeight + 4 Then
162         AddNewPage()
163         If FieldCreated = False Then
164             Call CreateFields()
165         End if
166
167     If SectionHeaderHeight = 0 Then
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168     AlternateBG = not AlternateBG
169     ' Update Y coordinate of TextArea when placed on the new MyPage
170     If FieldCreated = False Then
171         CompanyName.Y = CurrentY + 3
172         ContactName.Y = CurrentY + 3
173         ContactTitle.Y = CurrentY + 3
174     End if
175 End If
176 End If
177
178 ' Add section header if required
179 If SectionHeaderHeight > 0 Then
180     AddSectionHeader()
181     If FieldCreated = False Then
182         CompanyName.Y = CurrentY + 3
183         ContactName.Y = CurrentY + 3
184         ContactTitle.Y = CurrentY + 3
185     End if
186 End If
187 SetExpandableRecords = RequiredHeight
188 End Function
189
190 Function GetMaxRecordHeight( CompanyName, ContactName, ContactTitle )
191 ' Returns the maximum required height of the three TextAreas
192 Dim RequiredHeight
193 RequiredHeight = 11
194 Dim RequiredHeightB
195 RequiredHeightB = 0
196 RequiredHeight = CompanyName.GetRequiredHeight()
197 RequiredHeightB = ContactName.GetRequiredHeight()
198 If RequiredHeightB > RequiredHeight Then
199     RequiredHeight = RequiredHeightB
200 End If
201 RequiredHeightB = ContactTitle.GetRequiredHeight()
202 If RequiredHeightB > RequiredHeight Then
203     RequiredHeight = RequiredHeightB
204 End If
205
206 If RequiredHeight > 11 Then
207     CompanyName.Height = RequiredHeight
208     ContactName.Height = RequiredHeight
209     ContactTitle.Height = RequiredHeight
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210 End If
211 GetMaxRecordHeight =RequiredHeight
212 End Function
213
214 Sub AddSectionHeader()
215 ' Adds a section header to the current Y coordinate of the current MyPage
216 If FieldCreated = False Then
217 Dim SectionLabel
218 CurrentFirstI = CStr(MyRecordset.Fields(1))
219 Set SectionLabel = MyPage.AddLabel("- " + CurrentFirstI + " -", 0, CurrentY + 6, 720, 18)
220 CurrentY = CurrentY + 26
221 SectionLabel.Font = DPDF_Font_HelveticaBold
222 SectionLabel.FontSize = 18
223 SectionLabel.Align = DPDF_Align_Center
224 End if
225 AlternateBG = False
226 End Sub
227
228 Sub AddNewPage()
229 Set MyPage = MyDocument.AddPage()
230 CurrentY = HeaderHeight
231 NewPage = True
232 End Sub
233
234 Sub CreateFields()
235 ' Check if TextArea have been created for one Contact Information in a New Page
236 If FieldCreated = False Then
237 If BodyBottom > CurrentY + RequiredHeight + 18 Then
238 'Putting Color for the Contact and not for Section header
239 If CurrentFirstI = Cstr( MyRecordset.Fields( 1 ) ) Then
240 If AlternateBG Then
241 Set MyRectangle = MyPage.AddRectangle( 0, CurrentY , 720, RequiredHeight, "E0E0FF", , 1, , DPDF_ApplyColor_Fill )
242 RectCreated = True
243 End If
244 End if
245
246 Set CompanyName = MyPage.AddTextArea(CStr( MyRecordset.Fields( 2 ) ), 62, CurrentY + 3, 156, 11 )
247 CompanyName.Font = DPDF_Font_TimesRoman
248 CompanyName.FontSize = 11
249 Set ContactName = MyPage.AddTextArea(CStr( MyRecordset.Fields( 3 ) ), 222, CurrentY + 3, 136, 11 )
250 ContactName.Font = DPDF_Font_TimesRoman
251 ContactName.FontSize = 11
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252 Set ContactTitle = MyPage.AddTextArea(CStr( MyRecordset.Fields( 4 ) ), 362, CurrentY + 3, 156, 11 )
253 ContactTitle.Font = DPDF_Font_TimesRoman
254 ContactTitle.FontSize = 11
255 FirstField = True
256 NewPage = False
257 End if
258 Dim RequiredHeight
259 RequiredHeight = SetExpandableRecords( CompanyName, ContactName, ContactTitle )
260 If BodyBottom > CurrentY + RequiredHeight and FieldCreated = False Then
261 Set CustomerID = MyPage.AddLabel(CStr( MyRecordset.Fields( 0 ) ), 2, CurrentY + 3, 58, 11 )
262 CustomerID.Font = DPDF_Font_TimesRoman
263 CustomerID.FontSize = 11
264 Set Phone = MyPage.AddLabel(CStr( MyRecordset.Fields( 5 ) ), 522, CurrentY + 3, 96, 11 )
265 Phone.Font = DPDF_Font_TimesRoman
266 Phone.FontSize = 11
267 If SafeDBNull( MyRecordset.Fields( 6 ) ) Then
268 Set Fax = MyPage.AddLabel(CStr( MyRecordset.Fields( 6 ) ), 622, CurrentY + 3, 96, 11 )
269 Fax.Font = DPDF_Font_TimesRoman
270 Fax.FontSize = 11
271 End If
272 SecondField = True
273 NewPage = False
274 End if
275
276 If RectCreated Then
277 MyRectangle.Height = RequiredHeight + 6
278 RectCreated = False
279 End if
280 ' Increments the current Y position on the MyPage
281 CurrentY = CurrentY + RequiredHeight + 6
282 If SecondField = True and FirstField = True Then
283 FieldCreated = True
284 SecondField = False
285 FirstField = False
286 End if
287
288 If FieldCreated = True Then
289 AlternateBG = not AlternateBG
290 End if
291 End if
292 End Sub
```