

MailingLabels.asp

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1 <!-- METADATA TYPE="typelib" UUID="{DF9225FE-94A4-490D-8CAD-E8366CE621D3}"-->
2 <%
3 Dim MyDocument, MySqlConnection, MyStrSqlConnection, MyRecordset
4 ' Set the number of labels per page
5 Dim maximumColumns
6 Dim maximumRows
7 ' Set the spacing between the labels
8 Dim horizontalSpace
9 Dim verticalSpace
10 ' These margins are on the labels themselves
11 Dim labelTopBottomMargin
12 Dim labelLeftRightMargin
13 Dim currentColumn , currentRow, labelWidth, labelHeight, MyPage
14 Dim companyName, contactName, phone, fax
15 Call Main()
16
17 Sub Main()
18   Set MyDocument = Server.CreateObject( "DynamicPDF.Document" )
19   MyDocument.Creator = "MailingLabels.asp"
20   MyDocument.Author = "ceTe Software"
21   MyDocument.Title = "Mailing Labels"
22   MyDocument.DefaultMarginTop = 36
23   MyDocument.DefaultMarginBottom = 36
24   MyDocument.DefaultMarginRight = 13.5
25   MyDocument.DefaultMarginLeft = 13.5
26   maximumColumns = 3
27   maximumRows = 10
28   horizontalSpace = 9
29   verticalSpace = 0
30   labelTopBottomMargin = 5
31   labelLeftRightMargin = 15
32   currentColumn = 1
33   currentRow = 1
34
35   Set MySqlConnection = Server.CreateObject( "ADODB.Connection" )
36
37   MyStrSqlConnection = "File Name=" & Server.MapPath( "Northwind_Cnn.udl" )
38   MySqlConnection.Open MyStrSqlConnection
39
40   Call CreateRecordSet()
41   If MyRecordset.RecordCount > 0 Then
42     Set MyPage = MyDocument.AddPage()
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43 End if
44
45 Do While not MyRecordset.EOF
46     companyName = SafeDBNull( MyRecordset( "CompanyName" ) )
47     contactName = SafeDBNull( MyRecordset( "ContactName" ) )
48     phone = SafeDBNull( MyRecordset( "Phone" ) )
49     fax = SafeDBNull( MyRecordset( "Fax" ) )
50     AddLabel()
51     MyRecordset.MoveNext()
52 Loop
53
54 MyDocument.DrawToWeb
55 Set MyPage = Nothing
56 Set MyDocument = Nothing
57 End Sub
58
59 Sub CreateRecordSet()
60     Dim MyStrSql
61     Set MyRecordset = Server.CreateObject( "ADODB.Recordset" )
62     MyStrSql = "Select CompanyName, ContactName, Phone, Fax FROM Customers"
63     MyRecordset.Open MyStrSql, MyStrSqlConn, 3, 1
64 End Sub
65
66 Sub AddLabel()
67 ' Add a new page if you are beyond the maximum Rows
68 If currentRow = maximumRows + 1 Then
69     Set MyPage = MyDocument.AddPage()
70     currentRow = 1
71 End If
72
73 ' Determines if the the label belongs in the first row or first column of the page
74 If currentColumn > 1 And currentRow > 1 Then
75     AddToPage()
76 ElseIf currentColumn > 1 And currentRow = 1 Then
77     AddToFirstRow()
78 ElseIf currentColumn = 1 And currentRow > 1 Then
79     AddToFirstColumn()
80 Else
81 ' Calculates how big the Width and height of each label should be according to the margins and dimensions provided above
82     labelWidth = FindLabelWidth()
83     labelHeight = FindLabelHeight()
84     AddToFirstRowColumn()
```

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85 End If
86
87     ' Increment your row if you are beyond the maximum columns
88 If currentColumn = maximumColumns + 1 Then
89     currentRow = currentRow + 1
90     currentColumn = 1
91 End If
92 End Sub
93
94 Function FindLabelHeight()
95     FindLabelHeight = ( MyPage.PageHeight - ( MyPage.MarginTop + MyPage.MarginBottom ) - (( maximumRows - 1 ) * verticalSpace )) /
maximumRows
96 End Function
97
98 Function FindLabelWidth()
99     FindLabelWidth = ( MyPage.PageWidth - ( MyPage.MarginRight + MyPage.MarginLeft ) - (( maximumColumns - 1 ) * horizontalSpace
)) / maximumColumns
100
101 End Function
102
103 ' Adds the label on at least row 2 column 2 of the page
104 Sub AddToPage()
105     Dim x, y
106     y = ( currentRow - 1 ) * ( labelHeight + verticalSpace )
107     x = ( currentColumn - 1 ) * ( labelWidth + horizontalSpace )
108     AddLabelInfo x, y
109     currentColumn = currentColumn + 1
110 End Sub
111
112 Sub AddToFirstRow()
113     Dim x, y
114     y = 0
115     x = ( currentColumn - 1 ) * ( labelWidth + horizontalSpace )
116     AddLabelInfo x, y
117     currentColumn = currentColumn + 1
118 End Sub
119
120 ' Adds the label to the First column of labels
121 Sub AddToFirstColumn()
122     Dim x, y
123     y = ( currentRow - 1 ) * ( labelHeight + verticalSpace )
124     x = 0
```

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125 AddLabelInfo x, y
126   currentColumn = currentColumn + 1
127 End Sub
128
129 Sub AddToFirstRowColumn()
130   Dim x, y
131   y = 0
132   x = 0
133   AddLabelInfo x, y
134   currentColumn = currentColumn + 1
135 End Sub
136
137 ' This is where you format the look of each label
138 Sub AddLabelInfo(x1,y1)
139   Dim txt1
140   Set txt1 = MyPage.AddTextArea( companyName, x1 + labelLeftRightMargin, y1 + labelTopBottomMargin, labelWidth - _
141   ( labelLeftRightMargin * 2 ), 11, , DPDF_Font_TimesRoman, 11 )
142   Dim txt2
143   Set txt2 = MyPage.AddTextArea( contactName, x1 + labelLeftRightMargin, y1 + labelTopBottomMargin + 12, labelWidth - _
144   ( labelLeftRightMargin * 2 ), 11, , DPDF_Font_TimesRoman, 11 )
145   Dim txt3
146   Set txt3 = MyPage.AddTextArea( phone, x1 + labelLeftRightMargin, y1 + labelTopBottomMargin + 24, labelWidth - _
147   ( labelLeftRightMargin * 2 ), 11, , DPDF_Font_TimesRoman, 11 )
148   Dim txt4
149   Set txt4 = MyPage.AddTextArea( fax, x1 + labelLeftRightMargin, y1 + labelTopBottomMargin + 36, labelWidth - _
150   ( labelLeftRightMargin * 2 ), 11, , DPDF_Font_TimesRoman, 11 )
151 End Sub
152
153 Function SafeDBNull( Field )
154   If IsNull( Field ) Then
155     SafeDBNull = ""
156   Else
157     SafeDBNull = Field
158   End If
159 End Function
```