

Calendar.asp

```
1 <!-- METADATA TYPE="typelib" UUID="{DF9225FE-94A4-490D-8CAD-E8366CE621D3}"-->
2 <%
3 Dim MyDocument
4 Call Main()
5
6 Sub Main()
7   Set MyDocument = Server.CreateObject( "DynamicPDF.Document" )
8   MyDocument.Creator = "TableCalendar.asp"
9   MyDocument.Author = "ceTe Software"
10  MyDocument.Title = "Table Calendar Example"
11  MyDocument.DefaultPageWidth = 792
12  MyDocument.DefaultPageHeight = 612
13  PassDate = Now()'04/16/2006'Now()
14  Call CreateCalendarPage(PassDate)
15  Call CreateCalendarPage( DateAdd( "m", 1, Now() ) ) 'Now()
16  Call CreateCalendarPage( DateAdd( "m", 2, Now() ) ) 'Now()
17  MyDocument.DrawToWeb
18  'Response.Write Now()
19  Set MyDocument = Nothing
20 End Sub
21 Function Ceiling(byval n)
22   Dim iTmp, bErr, f
23
24   on error resume next
25   n = cdbl(n)
26   if err then bErr = true
27   on error goto 0
28
29   if bErr then Err.Raise 5000, "Ceiling Function", _
30     "Input must be convertible to a sub-type of double"
31
32   f = Floor(n)
33   if f = n then
34     Ceiling = n
35     Exit Function
36   End If
37
38   Ceiling = cInt(f + 1)
39 End Function
40 Function Floor(byval n)
41   Dim iTmp, bErr
42
```

```
43 on error resume next
44 n = cdbl(n)
45 if err then bErr = true
46 on error goto 0
47
48 if bErr then Err.Raise 5000, "Floor Function", _
49     "Input must be convertible to a sub-type of double"
50
51 'Round() rounds up
52 iTmp = Round(n)
53
54 'test rounded value against the non rounded value
55 'if greater, subtract 1
56 if iTmp > n then iTmp = iTmp - 1
57
58 Floor = cInt(iTmp)
59 End Function
60 Sub CreateCalendarPage( PassedDate )
61     PassedDate = CDate( PassedDate )
62     Dim MyPage
63     Set MyPage = MyDocument.AddPage()
64
65     MyPage.MarginTop = 50
66     MyPage.MarginBottom = 50
67     MyPage.MarginLeft = 50
68     MyPage.MarginRight = 50
69
70     ' Uncomment the line below to add a layout grid to the MyPage
71     ' MyPage.AddLayoutGrid
72     ' Create a table and set it's properties
73     Dim MyTable
74     Set MyTable = MyPage.AddTable2( 0, 40, MyPage.PageWidth - ( MyPage.MarginLeft + MyPage.MarginRight ), ( MyPage.PageHeight - (
75     MyPage.MarginTop + MyPage.MarginBottom ) ) - 40, DPDF_Font_Helvetica, 12 )
76     MyTable.Border.Width = 2
77     MyTable.CellDefault.TextColor = "000080" 'Navy Blue
78     MyTable.Border.Color = "6495ED" 'Corn Flower Blue
79     MyBodyWidth = MyPage.PageWidth - ( MyPage.MarginLeft + MyPage.MarginRight )
80     Call AddColumns( MyTable, MyBodyWidth )
81     Call CreateDaysOfWeekHeader( MyTable )
82     ' Calculate some properties of the month
83     Dim StartDay
84     DayPassed = Day( PassedDate )
```

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84 StartDay = ( 43 - Day(CDate( PassedDate )) + WeekDay( PassedDate, 2 )) Mod 7
85 Dim DaysInMonth
86 DaysInMonth = MonthDays(Datepart( "yyyy", PassedDate ),Month( PassedDate ))
87 Dim RequiredRows
88 Dim RRows
89 RequiredRows = Ceiling(( DaysInMonth + StartDay ) / 7 )
90 Dim RowHeight
91 RowHeight = (( MyPage.PageHeight - ( MyPage.MarginTop + MyPage.MarginBottom )) - 60) / RequiredRows
92 Dim Row
93 Dim Position
94 Position = 0
95
96 ' Add a blank entry for Sunday
97 If StartDay <> 0 Then
98     Set Row = MyTable.AddRow2( DPDF_Font_Helvetica, 14 )
99     Row.Height = RowHeight
100     Row.AddCell2 " ", DPDF_Font_Helvetica, 15, "FF0000", "F0F8FF", 1
101     Position = Position + 1
102 End If
103
104 Do While Position < StartDay
105     Row.AddCell2 " "
106     Position = Position + 1
107 Loop
108 ' Add the days of the month to the MyTable
109 Dim Days
110 For Days = 1 To DaysInMonth
111     If ( Position Mod 7 ) = 0 Then
112         Set Row = MyTable.AddRow2( DPDF_Font_Helvetica, 14 )
113         Row.Height = RowHeight
114         Row.AddCell2 Cstr( Days ), DPDF_Font_Helvetica, 14, "FF0000", "F0F8FF", 1
115     Else
116         Row.AddCell2 Cstr( Days )
117         Row.Height = RowHeight
118     End If
119     Position = Position + 1
120 Next
121
122 ' Add any additional blank entries to the end of the table
123 Do While (( Position Mod 7 ) <> 0 )
124     Row.AddCell2 " "
125     Position = Position + 1
```

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126 Loop
127
128 ' Create and add a Month label to the calendar
129 Dim MyLabel
130 Set MyLabel = MyPage.AddLabel(Cstr(MonthName(DatePart( "m", PassedDate ), False ) & " " & DatePart( "yyyy", PassedDate )), 0,
0, MyBodyWidth, 50 )
131 MyLabel.TextColor = "FF1493"
132 MyLabel.Font = DPDF_Font_Helvetica
133 MyLabel.FontSize = 23
134 MyLabel.Align = DPDF_Align_Center
135 End Sub
136
137 Sub AddColumns( MyTable, width )
138     Dim I
139     For I = 0 To 6
140         MyTable.AddColumn2( width / 7 )
141     Next
142 End Sub
143
144 Sub CreateDaysOfWeekHeader( MyTable )
145     Dim Row
146     Set Row = MyTable.AddRow2( DPDF_Font_Helvetica, 12 )
147     Row.Height = 20
148     Row.AddCell12 "Sunday", DPDF_Font_HelveticaBold, 12, "FF0000", "F0F8FF", 1
149     Row.AddCell12 "Monday"
150     Row.AddCell12 "Tuesday"
151     Row.AddCell12 "Wednesday"
152     Row.AddCell12 "Thursday"
153     Row.AddCell12 "Friday"
154     Row.AddCell12 "Saturday"
155 End Sub
156
157 Function MonthDays(YearPassed,MonthPassed)
158     MonthDays = Day(DateAdd( "d", -1, DateSerial( YearPassed, MonthPassed + 1, 1 )))
159 End Function
```