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1 <%@ Page Language="vb" Src="TableReport.aspx.vb" Inherits="Web_VB.GeneratorExamples.TableReport" %>
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TableReport.aspx.vb

```
1 Imports System
2 Imports System.Data
3 Imports System.Data.SqlClient
4
5 Imports ceTe.DynamicPDF
6 Imports ceTe.DynamicPDF.IO
7 Imports ceTe.DynamicPDF.Text
8 Imports ceTe.DynamicPDF.PageElements
9
10 Namespace Web_VB.GeneratorExamples
11     Public Class TableReport
12         Inherits System.Web.UI.Page
13
14         ' Connection string to the Northwind database
15         Shared DBConnString As String = System.Configuration.ConfigurationSettings.AppSettings("NorthWindConnectionString")
16
17         Private Sub Page_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
18             ' Create a MyDocument and set it's properties
19             Dim MyDocument As ceTe.DynamicPDF.Document = New ceTe.DynamicPDF.Document
20             MyDocument.Creator = "Table.aspx"
21             MyDocument.Author = "ceTe Software"
22             MyDocument.Title = "Table Example"
23
24             ' Establishes connection to the database
25             Dim Connection As SqlConnection = GetOpenDBConn()
26             Dim Data As SqlDataReader = GetContactListData(Connection)
27
28             'Create a Table and set it's properties
29             Dim MyTable As Table2 = New Table2(0, 0, 512, 676, ceTe.DynamicPDF.Font.Helvetica, 12)
30             MyTable.Border.Width = 1
31             MyTable.CellDefault.Border.Width = 1
32             MyTable.Border.Color = Grayscale.Black
33             MyTable.RepeatColumnHeaderCount = 1
34             MyTable.RepeatRowHeaderCount = 1
35
36             ' Builds the report
37             BuildTable(Data, MyTable)
38
39             Dim CurrentRow As Integer = 0
40             Dim CurrentColumn As Integer = 0
41             Do
42                 CurrentRow = CurrentRow + 1
```

```
43         CurrentColumn = 1
44         AddTableToPage(MyDocument, MyTable, CurrentRow, CurrentColumn)
45         Dim OverflowTable As Table2 = MyTable.GetOverflowColumns()
46         Do
47             CurrentColumn = CurrentColumn + 1
48             AddTableToPage(MyDocument, OverflowTable, CurrentRow, CurrentColumn)
49             OverflowTable = OverflowTable.GetOverflowColumns()
50         Loop While Not OverflowTable Is Nothing
51         MyTable = MyTable.GetOverflowRows()
52     Loop While Not MyTable Is Nothing
53
54
55     ' Cleans up database connections
56     Data.Close()
57     Connection.Close()
58
59     ' Outputs the Table Report to the current web MyPage
60     MyDocument.DrawToWeb("TableReport.pdf")
61 End Sub
62
63 Private Sub AddTableToPage(ByVal MyDocument As Document, ByVal MyTable As Table2, ByVal CurrentRow As Integer, ByVal
CurrentColumn As Integer)
64     Dim MyPage As Page = New Page(PageSize.Letter)
65     If Not MyTable Is Nothing Then
66         MyPage.Elements.Add(MyTable)
67     End If
68     MyPage.Elements.Add(New Label("(" & CurrentRow & "," & CurrentColumn & ")", 0, MyPage.Dimensions.Body.Height - 12,
MyPage.Dimensions.Body.Width, 12, Font.Helvetica, 12, TextAlign.Center))
69     MyDocument.Pages.Add(MyPage)
70 End Sub
71
72 Private Sub BuildTable(ByVal Data As SqlDataReader, ByVal MyTable As Table2)
73     CreateColumns(MyTable)
74     CreateRowHeadings(MyTable)
75
76     While Data.Read()
77         CreateRow(MyTable, Data)
78     End While
79 End Sub
80
81 Private Sub CreateRowHeadings(ByVal MyTable As Table2)
82     Dim MyRow As Row2 = MyTable.Rows.Add(40, Font.TimesBold, 12, Grayscale.Black, Grayscale.LightGrey)
```

```
83         MyRow.CellDefault.Align = TextAlign.Center
84         MyRow.CellDefault.VAlign = VAlign.Top
85         MyRow.Cells.Add("ID")
86         MyRow.Cells.Add("Product Name")
87         MyRow.Cells.Add("Supplier ID")
88         MyRow.Cells.Add("Category ID")
89         MyRow.Cells.Add("Quantity Per Unit")
90         MyRow.Cells.Add("Unit Price")
91         MyRow.Cells.Add("Unit In Stock")
92         MyRow.Cells.Add("Units On Order")
93         MyRow.Cells.Add("Reorder Level")
94         MyRow.Cells.Add("Discontinued")
95     End Sub
96
97     Private Sub CreateRow(ByVal MyTable As Table2, ByVal Data As SqlDataReader)
98         Dim MyRow As Row2 = MyTable.Rows.Add(20)
99         MyRow.Cells.Add(Data.GetInt32(0).ToString(), Font.Helvetica, 12, Grayscale.Black, Grayscale.LightGrey, 1)
100        MyRow.Cells.Add(Data.GetString(1))
101        MyRow.Cells.Add(Data.GetInt32(2).ToString())
102        MyRow.Cells.Add(Data.GetInt32(3).ToString())
103        MyRow.Cells.Add(Data.GetString(4))
104        MyRow.Cells.Add(Data.GetDecimal(5).ToString("$0.00"))
105        MyRow.Cells.Add(Data.GetInt16(6).ToString())
106        MyRow.Cells.Add(Data.GetInt16(7).ToString())
107        MyRow.Cells.Add(Data.GetInt16(8).ToString())
108        MyRow.Cells.Add(Data.GetBoolean(9).ToString())
109    End Sub
110
111     Private Sub CreateColumns(ByVal MyTable As Table2)
112         MyTable.Columns.Add(25)
113         MyTable.Columns.Add(150)
114         MyTable.Columns.Add(90)
115         MyTable.Columns.Add(90)
116         MyTable.Columns.Add(120)
117         MyTable.Columns.Add(60)
118         MyTable.Columns.Add(90)
119         MyTable.Columns.Add(90)
120         MyTable.Columns.Add(90)
121         MyTable.Columns.Add(90)
122     End Sub
123     Private Function GetOpenDBConn() As SqlConnection
124         ' Creates and opens a database connection
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TableReport.aspx.vb

```
125         Dim Connection As SqlConnection = New SqlConnection(DBConnString)
126         Connection.Open()
127         Return Connection
128     End Function
129
130     Private Function GetContactListData(ByVal Connection As SqlConnection) As SqlDataReader
131         ' Creates a DataReader for the report
132         Dim Command As SqlCommand = Connection.CreateCommand()
133         Command.CommandText = "SELECT * FROM Products where (UnitPrice > 15)"
134         Dim DataReader As SqlDataReader = Command.ExecuteReader()
135
136         Return DataReader
137     End Function
138
139 End Class
140 End Namespace
```