TableReport.aspx

```
1 <%@ Page language="c#" Src="TableReport.aspx.cs" Inherits="Web_CSharp.GeneratorExamples.TableReport" %>
```

TableReport.aspx.cs

```
using System;
using System.Data;
using System.Data.SqlClient;
using ceTe.DynamicPDF;
using ceTe.DynamicPDF.IO;
using ceTe.DynamicPDF.Text;
using ceTe.DynamicPDF.PageElements;

namespace Web_CSharp.GeneratorExamples
{
    public class TableReport : System.Web.UI.Page
    {
        static string dBConnString =
            System.Configuration.ConfigurationSettings.AppSettings["NorthWindConnectionString"];

        private void Page_Load(object sender, System.EventArgs e)
        {
            // Create a document and set it's properties
            ceTe.DynamicPDF.Document document = new ceTe.DynamicPDF.Document();
            document.Creator = "TableReport.aspx";
            document.Author = "ceTe Software";
            document.Title = "Table Report";

            // Establises connection to the database
            SqlConnection connection = GetOpenDBConn();
            SqlDataReader data = GetContactListData( connection );

            //Create a Table and set it's properties
            Table2 table = new Table2( 0, 0, 512, 676, ceTe.DynamicPDF.Font.Helvetica, 12 );
            table.Border.Width = 1f;
            table.CellDefault.Border.Width = 1f;
            table.Border.Color = Grayscale.Black;
            table.RepeatColumnHeaderCount = 1;
            table.RepeatRowHeaderCount = 1;

            // Builds the report
            BuildTable( data, table );
            int currentRow = 0;
            int currentColumn = 0;
            do
            {
                currentRow++;
                currentColumn = 1;
                AddTableToPage( document, table, currentRow, currentColumn );
                Table2 overflowTable = table.GetOverflowColumns();
                do
                {
                    currentColumn++;
                    AddTableToPage( document, overflowTable, currentRow, currentColumn );
                    overflowTable = overflowTable.GetOverflowColumns();
```

TableReport.aspx.cs

```
51                  } while ( overflowTable != null );
52                  table = table.GetOverflowRows();
53              } while ( table != null );
54
55              // Cleans up database connections
56              data.Close();
57              connection.Close();
58
59              // Outputs the SimpleReport to the current web page
60              document.DrawToWeb( "TableExample.pdf" );
61          }
62
63          private void AddTableToPage( Document document, Table2 table, int currentRow, int currentColumn )
64          {
65              Page page = new Page( PageSize.Letter );
66              if( table != null )
67                  page.Elements.Add( table );
68              page.Elements.Add( new Label( "(" + currentRow + "," + currentColumn + ")", 0, page.Dimensions.Body.Height - 12,
page.Dimensions.Body.Width, 12, Font.Helvetica, 12, TextAlign.Center ) );
69              document.Pages.Add( page );
70          }
71
72          private void BuildTable( SqlDataReader data, Table2 table )
73          {
74              CreateColumns( table );
75              CreateRowHeadings( table );
76              while( data.Read() )
77                  CreateRow( table, data );
78          }
79
80          private void CreateRowHeadings( Table2 table )
81          {
82              Row2 row = table.Rows.Add( 40, Font.TimesBold, 12, RgbColor.Black, RgbColor.LightGrey );
83              row.CellDefault.Align = TextAlign.Center;
84              row.CellDefault.VAlign = VAlign.Top;
85              row.Cells.Add( "ID" );
86              row.Cells.Add( "Product Name" );
87              row.Cells.Add( "Supplier ID" );
88              row.Cells.Add( "Category ID" );
89              row.Cells.Add( "Quantity Per Unit" );
90              row.Cells.Add( "Unit Price" );
91              row.Cells.Add( "Unit In Stock" );
92              row.Cells.Add( "Units On Order" );
93              row.Cells.Add( "Reorder Level" );
94              row.Cells.Add( "Discontinued" );
95          }
96
97          private void CreateRow( Table2 table, SqlDataReader data )
98          {
99              Row2 row = table.Rows.Add( 20 );
```

```
100             row.Cells.Add( data.GetInt32(0).ToString( ), Font.Helvetica, 12, RgbColor.Black, RgbColor.LightGrey, 1 );
101             row.Cells.Add( data.GetString(1) );
102             row.Cells.Add( data.GetInt32(2).ToString( ) );
103             row.Cells.Add( data.GetInt32(3).ToString( ) );
104             row.Cells.Add( data.GetString(4) );
105             row.Cells.Add( data.GetDecimal(5).ToString( "$0.00" ) );
106             row.Cells.Add( data.GetInt16(6).ToString( ) );
107             row.Cells.Add( data.GetInt16(7).ToString( ) );
108             row.Cells.Add( data.GetInt16(8).ToString( ) );
109             row.Cells.Add( data.GetBoolean(9).ToString( ) );
110         }
111
112         private void CreateColumns( Table2 table )
113         {
114             table.Columns.Add( 25 );
115             table.Columns.Add( 150 );
116             table.Columns.Add( 90 );
117             table.Columns.Add( 90 );
118             table.Columns.Add( 120 );
119             table.Columns.Add( 60 );
120             table.Columns.Add( 90 );
121             table.Columns.Add( 90 );
122             table.Columns.Add( 90 );
123             table.Columns.Add( 90 );
124         }
125
126         private SqlConnection GetOpenDBConn()
127         {
128             // Creates and opens a database connection
129             SqlConnection connection = new SqlConnection( dBConnString );
130             connection.Open();
131             return connection;
132         }
133
134         private SqlDataReader GetContactListData( SqlConnection connection )
135         {
136             // Creates a DataReader for the report
137             SqlCommand command = connection.CreateCommand();
138             command.CommandText = "SELECT * FROM Products";
139             SqlDataReader dataReader = command.ExecuteReader();
140             return dataReader;
141         }
142     }
143 }
```