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1 <%@ Page Language="C#" AutoEventWireup="true" CodeFile="SimpleSubReportExample.aspx.cs"
Inherits="LayoutEngine_SimpleSubReportExample" %>
2
3 <!DOCTYPE html>
4
5 <html xmlns="http://www.w3.org/1999/xhtml">
6 <head runat="server">
7   <title></title>
8 </head>
9 <body>
10   <form id="form1" runat="server">
11     <div>
12     </div>
13   </form>
14 </body>
15 </html>
```

```
1 using System;
2 using System.Collections.Generic;
3 using System.Web;
4 using System.Web.UI;
5 using System.Web.UI.WebControls;
6 using ceTe.DynamicPDF;
7 using ceTe.DynamicPDF.LayoutEngine;
8
9 public partial class LayoutEngine_SimpleSubReportExample : System.Web.UI.Page
10 {
11     protected void Page_Load(object sender, EventArgs e)
12     {
13         // Create the document's layout from a DLEX template
14         DocumentLayout layoutReport = new DocumentLayout(Server.MapPath("SimpleSubReport.dlex"));
15
16         NameValueLayoutData layoutData = new NameValueLayoutData();
17         layoutData.Add("ProductsByCategory", SimpleSubReportExampleData.ProductsByCategory);
18
19         // Layout the document and set it's properties
20         Document document = layoutReport.Layout(layoutData);
21         document.Author = "ceTe Software";
22         document.Title = "Simple SubReport Example";
23
24         // Outputs the document to a file
25         document.DrawToWeb("LayoutEngine_SimpleSubReportExample.pdf");
26     }
27 }
28
29
30 // Input data for LayoutEngine SimpleSubReportExample
31 public class SimpleSubReportExampleData
32 {
33     public class Category
34     {
35         public string Name { get; set; }
36         public List<Product> Products { get; set; }
37     }
38     public class Product
39     {
40         public int ProductID { get; set; }
41         public string ProductName { get; set; }
42         public string QuantityPerUnit { get; set; }
43         public decimal UnitPrice { get; set; }
44         public bool Discontinued { get; set; }
45     }
46
47     private static List<Category> productsByCategory = new List<Category>()
48     {
49         new Category {Name="Beverages", Products=new List<Product>() {
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```
50         new Product {ProductID=1, ProductName="Chai", QuantityPerUnit="10 boxes x 20 bags", UnitPrice=18m,
51         new Product {ProductID=2, ProductName="Chang", QuantityPerUnit="24 - 12 oz bottles", UnitPrice=19m,
Discontinued=false},
52         new Product {ProductID=39, ProductName="Chartreuse verte", QuantityPerUnit="750 cc per bottle", UnitPrice=18m,
Discontinued=false},
53         new Product {ProductID=38, ProductName="Côte de Blaye", QuantityPerUnit="12 - 75 cl bottles", UnitPrice=263.5m,
Discontinued=false},
54         new Product {ProductID=24, ProductName="Guaraná Fantástica", QuantityPerUnit="12 - 355 ml cans", UnitPrice=4.5m,
Discontinued=true},
55         new Product {ProductID=43, ProductName="Ipoh Coffee", QuantityPerUnit="16 - 500 g tins", UnitPrice=46m,
Discontinued=false},
56         new Product {ProductID=76, ProductName="Lakkalikööri", QuantityPerUnit="500 ml", UnitPrice=18m,
Discontinued=false},
57         new Product {ProductID=67, ProductName="Laughing Lumberjack Lager", QuantityPerUnit="24 - 12 oz bottles",
UnitPrice=14m, Discontinued=false},
58         new Product {ProductID=70, ProductName="Outback Lager", QuantityPerUnit="24 - 355 ml bottles", UnitPrice=15m,
Discontinued=false},
59         new Product {ProductID=75, ProductName="Rhönbräu Klosterbier", QuantityPerUnit="24 - 0.5 l bottles",
UnitPrice=7.75m, Discontinued=false},
60         new Product {ProductID=34, ProductName="Sasquatch Ale", QuantityPerUnit="24 - 12 oz bottles", UnitPrice=14m,
Discontinued=false},
61         new Product {ProductID=35, ProductName="Steeleye Stout", QuantityPerUnit="24 - 12 oz bottles", UnitPrice=18m,
Discontinued=false}
62     } },
63     new Category {Name="Condiments", Products=new List<Product>() {
64         new Product {ProductID=3, ProductName="Aniseed Syrup", QuantityPerUnit="12 - 550 ml bottles", UnitPrice=10m,
Discontinued=false},
65         new Product {ProductID=4, ProductName="Chef Anton's Cajun Seasoning", QuantityPerUnit="48 - 6 oz jars",
UnitPrice=22m, Discontinued=false},
66         new Product {ProductID=5, ProductName="Chef Anton's Gumbo Mix", QuantityPerUnit="36 boxes", UnitPrice=21.35m,
Discontinued=true},
67         new Product {ProductID=15, ProductName="Genen Shouyu", QuantityPerUnit="24 - 250 ml bottles", UnitPrice=15.5m,
Discontinued=false},
68         new Product {ProductID=6, ProductName="Grandma's Boysenberry Spread", QuantityPerUnit="12 - 8 oz jars",
UnitPrice=25m, Discontinued=false},
69         new Product {ProductID=44, ProductName="Gula Malacca", QuantityPerUnit="20 - 2 kg bags", UnitPrice=19.45m,
Discontinued=false},
70         new Product {ProductID=65, ProductName="Louisiana Fiery Hot Pepper Sauce", QuantityPerUnit="32 - 8 oz bottles",
UnitPrice=21.05m, Discontinued=false},
71         new Product {ProductID=66, ProductName="Louisiana Hot Spiced Okra", QuantityPerUnit="24 - 8 oz jars",
UnitPrice=17m, Discontinued=false},
72         new Product {ProductID=8, ProductName="Northwoods Cranberry Sauce", QuantityPerUnit="12 - 12 oz jars",
UnitPrice=40m, Discontinued=false},
73         new Product {ProductID=77, ProductName="Original Frankfurter grüne Soße", QuantityPerUnit="12 boxes",
UnitPrice=13m, Discontinued=false},
74         new Product {ProductID=61, ProductName="Sirop d'érable", QuantityPerUnit="24 - 500 ml bottles", UnitPrice=28.5m,
Discontinued=false},
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75         new Product {ProductID=63, ProductName="Vegie-spread", QuantityPerUnit="15 - 625 g jars", UnitPrice=43.9m,  
76         Discontinued=false}  
77     } },  
78     new Category {Name="Confections", Products=new List<Product>() {  
79         new Product {ProductID=48, ProductName="Chocolade", QuantityPerUnit="10 pkgs.", UnitPrice=12.75m,  
80         Discontinued=false},  
81         new Product {ProductID=26, ProductName="Gumbär Gummibärchen", QuantityPerUnit="100 - 250 g bags",  
82         UnitPrice=31.23m, Discontinued=false},  
83         new Product {ProductID=49, ProductName="Maxilaku", QuantityPerUnit="24 - 50 g pkgs.", UnitPrice=20m,  
84         Discontinued=false},  
85         new Product {ProductID=25, ProductName="NuNuCa Nuß-Nougat-Creme", QuantityPerUnit="20 - 450 g glasses",  
86         UnitPrice=14m, Discontinued=false},  
87         new Product {ProductID=16, ProductName="Pavlova", QuantityPerUnit="32 - 500 g boxes", UnitPrice=17.45m,  
88         Discontinued=false},  
89         new Product {ProductID=27, ProductName="Schoggi Schokolade", QuantityPerUnit="100 - 100 g pieces",  
90         UnitPrice=43.9m, Discontinued=false},  
91         new Product {ProductID=68, ProductName="Scottish Longbreads", QuantityPerUnit="10 boxes x 8 pieces",  
92         UnitPrice=12.5m, Discontinued=false},  
93         new Product {ProductID=20, ProductName="Sir Rodney's Marmalade", QuantityPerUnit="30 gift boxes", UnitPrice=81m,  
94         Discontinued=false},  
95         new Product {ProductID=21, ProductName="Sir Rodney's Scones", QuantityPerUnit="24 pkgs. x 4 pieces",  
96         UnitPrice=10m, Discontinued=false},  
97         new Product {ProductID=62, ProductName="Tarte au sucre", QuantityPerUnit="48 pies", UnitPrice=49.3m,  
98         Discontinued=false},  
99         new Product {ProductID=19, ProductName="Teatime Chocolate Biscuits", QuantityPerUnit="10 boxes x 12 pieces",  
100        UnitPrice=9.2m, Discontinued=false},  
101        new Product {ProductID=50, ProductName="Valkoinen suklaa", QuantityPerUnit="12 - 100 g bars", UnitPrice=16.25m,  
        Discontinued=false},  
        new Product {ProductID=47, ProductName="Zaanse koeken", QuantityPerUnit="10 - 4 oz boxes", UnitPrice=9.5m,  
        Discontinued=false}  
    } },  
    new Category {Name="Dairy Products", Products=new List<Product>() {  
        new Product {ProductID=60, ProductName="Camembert Pierrot", QuantityPerUnit="15 - 300 g rounds", UnitPrice=34m,  
        Discontinued=false},  
        new Product {ProductID=71, ProductName="Flotemysost", QuantityPerUnit="10 - 500 g pkgs.", UnitPrice=21.5m,  
        Discontinued=false},  
        new Product {ProductID=33, ProductName="Geitost", QuantityPerUnit="500 g", UnitPrice=2.5m, Discontinued=false},  
        new Product {ProductID=31, ProductName="Gorgonzola Telino", QuantityPerUnit="12 - 100 g pkgs", UnitPrice=12.5m,  
        Discontinued=false},  
        new Product {ProductID=69, ProductName="Gudbrandsdalsost", QuantityPerUnit="10 kg pkg.", UnitPrice=36m,  
        Discontinued=false},  
        new Product {ProductID=32, ProductName="Mascarpone Fabioli", QuantityPerUnit="24 - 200 g pkgs.", UnitPrice=32m,  
        Discontinued=false},  
        new Product {ProductID=72, ProductName="Mozzarella di Giovanni", QuantityPerUnit="24 - 200 g pkgs.",  
        UnitPrice=34.8m, Discontinued=false},  
        new Product {ProductID=11, ProductName="Queso Cabrales", QuantityPerUnit="1 kg pkg.", UnitPrice=21m,  
        Discontinued=false},  
        new Product {ProductID=12, ProductName="Queso Manchego La Pastora", QuantityPerUnit="10 - 500 g pkgs.",  
        UnitPrice=38m, Discontinued=false},
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102         new Product {ProductID=59, ProductName="Raclette Courdavault", QuantityPerUnit="5 kg pkg.", UnitPrice=55m,
103             } },
104         new Category {Name="Grains/Cereals", Products=new List<Product>() {
105             new Product {ProductID=52, ProductName="Filo Mix", QuantityPerUnit="16 - 2 kg boxes", UnitPrice=7m,
Discontinued=false},
106             new Product {ProductID=56, ProductName="Gnocchi di nonna Alice", QuantityPerUnit="24 - 250 g pkgs.",
UnitPrice=38m, Discontinued=false},
107             new Product {ProductID=22, ProductName="Gustaf's Knäckebröd", QuantityPerUnit="24 - 500 g pkgs.", UnitPrice=21m,
Discontinued=false},
108             new Product {ProductID=57, ProductName="Ravioli Angelo", QuantityPerUnit="24 - 250 g pkgs.", UnitPrice=19.5m,
Discontinued=false},
109             new Product {ProductID=42, ProductName="Singaporean Hokkien Fried Mee", QuantityPerUnit="32 - 1 kg pkgs.",
UnitPrice=14m, Discontinued=true},
110             new Product {ProductID=23, ProductName="Tunnbröd", QuantityPerUnit="12 - 250 g pkgs.", UnitPrice=9m,
Discontinued=false},
111             new Product {ProductID=64, ProductName="Wimmers gute Semmelknödel", QuantityPerUnit="20 bags x 4 pieces",
UnitPrice=33.25m, Discontinued=false}
112         } },
113         new Category {Name="Meat/Poultry", Products=new List<Product>() {
114             new Product {ProductID=17, ProductName="Alice Mutton", QuantityPerUnit="20 - 1 kg tins", UnitPrice=39m,
Discontinued=true},
115             new Product {ProductID=9, ProductName="Mishi Kobe Niku", QuantityPerUnit="18 - 500 g pkgs.", UnitPrice=97m,
Discontinued=true},
116             new Product {ProductID=55, ProductName="Pâté chinois", QuantityPerUnit="24 boxes x 2 pies", UnitPrice=24m,
Discontinued=false},
117             new Product {ProductID=53, ProductName="Perth Pasties", QuantityPerUnit="48 pieces", UnitPrice=32.8m,
Discontinued=true},
118             new Product {ProductID=29, ProductName="Thüringer Rostbratwurst", QuantityPerUnit="50 bags x 30 sausgs.",
UnitPrice=123.79m, Discontinued=true},
119             new Product {ProductID=54, ProductName="Tourtière", QuantityPerUnit="16 pies", UnitPrice=7.45m,
Discontinued=false}
120         } },
121         new Category {Name="Produce", Products=new List<Product>() {
122             new Product {ProductID=74, ProductName="Longlife Tofu", QuantityPerUnit="5 kg pkg.", UnitPrice=10m,
Discontinued=false},
123             new Product {ProductID=51, ProductName="Manjimup Dried Apples", QuantityPerUnit="50 - 300 g pkgs.",
UnitPrice=53m, Discontinued=false},
124             new Product {ProductID=28, ProductName="Rössle Sauerkraut", QuantityPerUnit="25 - 825 g cans", UnitPrice=45.6m,
Discontinued=true},
125             new Product {ProductID=14, ProductName="Tofu", QuantityPerUnit="40 - 100 g pkgs.", UnitPrice=23.25m,
Discontinued=false},
126             new Product {ProductID=7, ProductName="Uncle Bob's Organic Dried Pears", QuantityPerUnit="12 - 1 lb pkgs.",
UnitPrice=30m, Discontinued=false}
127         } },
128         new Category {Name="Seafood", Products=new List<Product>() {
129             new Product {ProductID=40, ProductName="Boston Crab Meat", QuantityPerUnit="24 - 4 oz tins", UnitPrice=18.4m,
Discontinued=false},
130             new Product {ProductID=18, ProductName="Carnarvon Tigers", QuantityPerUnit="16 kg pkg.", UnitPrice=62.5m,
Discontinued=false},
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131         new Product {ProductID=58, ProductName="Escargots de Bourgogne", QuantityPerUnit="24 pieces", UnitPrice=13.25m,
132         new Product {ProductID=37, ProductName="Gravad lax", QuantityPerUnit="12 - 500 g pkgs.", UnitPrice=26m,
Discontinued=false},
133         new Product {ProductID=10, ProductName="Ikura", QuantityPerUnit="12 - 200 ml jars", UnitPrice=31m,
Discontinued=false},
134         new Product {ProductID=36, ProductName="Inlagd Sill", QuantityPerUnit="24 - 250 g jars", UnitPrice=19m,
Discontinued=false},
135         new Product {ProductID=41, ProductName="Jack's New England Clam Chowder", QuantityPerUnit="12 - 12 oz cans",
UnitPrice=9.65m, Discontinued=false},
136         new Product {ProductID=13, ProductName="Konbu", QuantityPerUnit="2 kg box", UnitPrice=6m, Discontinued=false},
137         new Product {ProductID=30, ProductName="Nord-Ost Matjeshering", QuantityPerUnit="10 - 200 g glasses",
UnitPrice=25.89m, Discontinued=false},
138         new Product {ProductID=73, ProductName="Röd Kaviar", QuantityPerUnit="24 - 150 g jars", UnitPrice=15m,
Discontinued=false},
139         new Product {ProductID=45, ProductName="Rogede sild", QuantityPerUnit="1k pkg.", UnitPrice=9.5m,
Discontinued=false},
140         new Product {ProductID=46, ProductName="Spegesild", QuantityPerUnit="4 - 450 g glasses", UnitPrice=12m,
Discontinued=false}
141     } }
142 };
143
144     public static List<Category> ProductsByCategory
145     {
146         get { return productsByCategory; }
147     }
148 }
```