SimpleSubReportExample.aspx

```
1 <%@ Page Language="C#" AutoEventWireup="true" CodeFile="SimpleSubReportExample.aspx.cs"
  Inherits="ReportWriter_SimpleSubReportExample" %>
2
```

SimpleSubReportExample.aspx.cs

```
using System;
using System.Collections.Generic;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;
using ceTe.DynamicPDF;
using ceTe.DynamicPDF.LayoutEngine;

public partial class ReportWriter_SimpleSubReportExample : System.Web.UI.Page
{
    protected void Page_Load(object sender, EventArgs e)
    {
        // Create the document's layout from a DLEX template
        DocumentLayout layoutReport = new DocumentLayout(Server.MapPath("SimpleSubReport.dlex"));

        NameValueLayoutData layoutData = new NameValueLayoutData();
        layoutData.Add("ProductsByCategory", SimpleSubReportExampleData.ProductsByCategory);

        // Layout the document and set it's properties
        Document document = layoutReport.Layout(layoutData);
        document.Author = "DynamicPDF ReportWriter";
        document.Title = "Simple SubReport Example";

        // Outputs the document to a file
        document.DrawToWeb("LayoutEngine_SimpleSubReportExample.pdf");
    }
}


// Input data for LayoutEngine SimpleSubReportExample
public class SimpleSubReportExampleData
{
    public class Category
    {
        public string Name { get; set; }
        public List<Product> Products { get; set; }
    }
    public class Product
    {
        public int ProductID { get; set; }
        public string ProductName { get; set; }
        public string QuantityPerUnit { get; set; }
        public decimal UnitPrice { get; set; }
        public bool Discontinued { get; set; }
    }

    private static List<Category> productsByCategory = new List<Category>()
    {
        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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            new Product { ProductID = 63, ProductName = "Vegie-spread", QuantityPerUnit = "15 - 625 g jars", UnitPrice = 43.9m,
Discontinued = false }
        } },
        new Category { Name = "Confections", Products = new List<Product>() {
            new Product { ProductID = 48, ProductName = "Chocolade", QuantityPerUnit = "10 pkgs.", UnitPrice = 12.75m,
Discontinued = false },
            new Product { ProductID = 26, ProductName = "Gumbär Gummibärchen", QuantityPerUnit = "100 - 250 g bags", UnitPrice =
31.23m, Discontinued = false },
            new Product { ProductID = 49, ProductName = "Maxilaku", QuantityPerUnit = "24 - 50 g pkgs.", UnitPrice = 20m,
Discontinued = false },
            new Product { ProductID = 25, ProductName = "NuNuCa Nuß-Nougat-Creme", QuantityPerUnit = "20 - 450 g glasses",
UnitPrice = 14m, Discontinued = false },
            new Product { ProductID = 16, ProductName = "Pavlova", QuantityPerUnit = "32 - 500 g boxes", UnitPrice = 17.45m,
Discontinued = false },
            new Product { ProductID = 27, ProductName = "Schoggi Schokolade", QuantityPerUnit = "100 - 100 g pieces", UnitPrice
= 43.9m, Discontinued = false },
            new Product { ProductID = 68, ProductName = "Scottish Longbreads", QuantityPerUnit = "10 boxes x 8 pieces",
UnitPrice = 12.5m, Discontinued = false },
            new Product { ProductID = 20, ProductName = "Sir Rodney's Marmalade", QuantityPerUnit = "30 gift boxes", UnitPrice =
81m, Discontinued = false },
            new Product { ProductID = 21, ProductName = "Sir Rodney's Scones", QuantityPerUnit = "24 pkgs. x 4 pieces",
UnitPrice = 10m, Discontinued = false },
            new Product { ProductID = 62, ProductName = "Tarte au sucre", QuantityPerUnit = "48 pies", UnitPrice = 49.3m,
Discontinued = false },
            new Product { ProductID = 19, ProductName = "Teatime Chocolate Biscuits", QuantityPerUnit = "10 boxes x 12 pieces",
UnitPrice = 9.2m, Discontinued = false },
            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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            new Product { ProductID = 59, ProductName = "Raclette Courdavault", QuantityPerUnit = "5 kg pkg.", UnitPrice = 55m,
        } },
        new Category { Name = "Grains/Cereals", Products = new List<Product>() {
            new Product { ProductID = 52, ProductName = "Filo Mix", QuantityPerUnit = "16 - 2 kg boxes", UnitPrice = 7m,
Discontinued = false },
            new Product { ProductID = 56, ProductName = "Gnocchi di nonna Alice", QuantityPerUnit = "24 - 250 g pkgs.",
UnitPrice = 38m, Discontinued = false },
            new Product { ProductID = 22, ProductName = "Gustaf's Knäckebröd", QuantityPerUnit = "24 - 500 g pkgs.", UnitPrice =
21m, Discontinued = false },
            new Product { ProductID = 57, ProductName = "Ravioli Angelo", QuantityPerUnit = "24 - 250 g pkgs.", UnitPrice =
19.5m, Discontinued = false },
            new Product { ProductID = 42, ProductName = "Singaporean Hokkien Fried Mee", QuantityPerUnit = "32 - 1 kg pkgs.",
UnitPrice = 14m, Discontinued = true },
            new Product { ProductID = 23, ProductName = "Tunnbröd", QuantityPerUnit = "12 - 250 g pkgs.", UnitPrice = 9m,
Discontinued = false },
            new Product { ProductID = 64, ProductName = "Wimmers gute Semmelknödel", QuantityPerUnit = "20 bags x 4 pieces",
UnitPrice = 33.25m, Discontinued = false }
            } },
        new Category { Name = "Meat/Poultry", Products = new List<Product>() {
            new Product { ProductID = 17, ProductName = "Alice Mutton", QuantityPerUnit = "20 - 1 kg tins", UnitPrice = 39m,
Discontinued = true },
            new Product { ProductID = 9, ProductName = "Mishi Kobe Niku", QuantityPerUnit = "18 - 500 g pkgs.", UnitPrice = 97m,
Discontinued = true },
            new Product { ProductID = 55, ProductName = "Pâté chinois", QuantityPerUnit = "24 boxes x 2 pies", UnitPrice = 24m,
Discontinued = false },
            new Product { ProductID = 53, ProductName = "Perth Pasties", QuantityPerUnit = "48 pieces", UnitPrice = 32.8m,
Discontinued = true },
            new Product { ProductID = 29, ProductName = "Thüringer Rostbratwurst", QuantityPerUnit = "50 bags x 30 sausgs.",
UnitPrice = 123.79m, Discontinued = true },
            new Product { ProductID = 54, ProductName = "Tourtière", QuantityPerUnit = "16 pies", UnitPrice = 7.45m,
Discontinued = false }
        } },
        new Category { Name = "Produce", Products = new List<Product>() {
            new Product { ProductID = 74, ProductName = "Longlife Tofu", QuantityPerUnit = "5 kg pkg.", UnitPrice = 10m,
Discontinued = false },
            new Product { ProductID = 51, ProductName = "Manjimup Dried Apples", QuantityPerUnit = "50 - 300 g pkgs.", UnitPrice
= 53m, Discontinued = false },
            new Product { ProductID = 28, ProductName = "Rössle Sauerkraut", QuantityPerUnit = "25 - 825 g cans", UnitPrice =
45.6m, Discontinued = true },
            new Product { ProductID = 14, ProductName = "Tofu", QuantityPerUnit = "40 - 100 g pkgs.", UnitPrice = 23.25m,
Discontinued = false },
            new Product { ProductID = 7, ProductName = "Uncle Bob's Organic Dried Pears", QuantityPerUnit = "12 - 1 lb pkgs.",
UnitPrice = 30m, Discontinued = false }
        } },
        new Category { Name = "Seafood", Products = new List<Product>() {
            new Product { ProductID = 40, ProductName = "Boston Crab Meat", QuantityPerUnit = "24 - 4 oz tins", UnitPrice =
18.4m, Discontinued = false },
            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 =

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 }
```