ASP.NET Web Forms

By Derek Peacock

Master Pages

```
<%@ Master Language="C#" AutoEventWireup="true" CodeBehind="WebDev5.master.cs"
    Inherits="WebAsssitant2.WebDev5.Masters.WebDev5" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
    <asp:ContentPlaceHolder ID="head" runat="server">
        <%--Page Specific Additions Here--%>
    </asp:ContentPlaceHolder>
</head>
<body>
    <form id="form1" runat="server">
    <div>
        <asp:ContentPlaceHolder ID="ContentPlaceHolder1" runat="server">
            <%--Page Specific Content Here--%>
        </asp:ContentPlaceHolder>
    </div>
    </form>
</body>
</html>
```

Master Page <head>

```
<head id="Head1" runat="server">
    <title></title>
    <meta charset="utf-8" lang="en" />
    <link href="../Content/reset.css" rel="stylesheet" />
    <link href="../Content/MainStyles.css" rel="stylesheet" />
    <link href="../Content/Responsive-gs/responsive.gs.12col.css"
    <asp:ContentPlaceHolder ID="head" runat="server">
        <%--Page Specific Additions Here--%>
    </asp:ContentPlaceHolder>
</head>
```

Store the master page in a folder

Master Page <body>

```html
<body>
    <form id="form1" runat="server">
        <div class="container">
            <!-- Website Name & Strapline-->
            <header>...</header>
            <!--Main Menu Bar-->
            <nav class="clearfix">...</nav>
            <asp:ContentPlaceHolder ID="ContentPlaceHolder1" runat="server">
                <%--Page Specific Content Here--%>
            </asp:ContentPlaceHolder>
        </div>
        <!--Footer-->
        <footer>...</footer>
    </form>
</body>
```

Using the Master Page

```
<%@ Page Title="" Language="C#" MasterPageFile="~/WebDev5/Masters/WebDev5.Master"
    AutoEventWireup="true" CodeBehind="PeacocksWines.aspx.cs"
    Inherits="WebAsssitant2.WebDev5.PeacocksWines" %>
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <!--Red Wine Filters (use <ul>) -->
    <div class="row">
        <aside class="col span_2">...</aside>
        <!--Main Content Area-->
        <section class="col span_10">
            <!--Summary of the selected wines-->
            <h2>Margaux Red Wines</h2>
            <p>...</p>
            <p>...</p>
            <!--1st Selected Wine-->
            <article class="row">...</article>
            <!--2nd Selected Wine-->
            <article class="row">...</article>
            <!--3rd Selected Wine-->
            <article class="row">...</article>
        </section>
    </div>
</asp:Content>
```

Browser View

About Web Page

```
<%@ Page Title="" Language="C#" MasterPageFile="~/WebDev5/Masters/WebDev5.Master" AutoEv
<asp:Content ID="Content1" ContentPlaceHolderID="head" runat="server">
</asp:Content>
<asp:Content ID="Content2" ContentPlaceHolderID="ContentPlaceHolder1" runat="server">
    <!--Main Content Area-->
    <section>
        <h2>About Us</h2>
        <p>
            Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus non erat
        </p>
    </section>
</asp:Content>
```


Peacock's French Wines

Top Quality @ Rock Bottom Prices

| Home | Red Wines | White Wines | Sparkling Wines | Contact Us | About Us |

About Us

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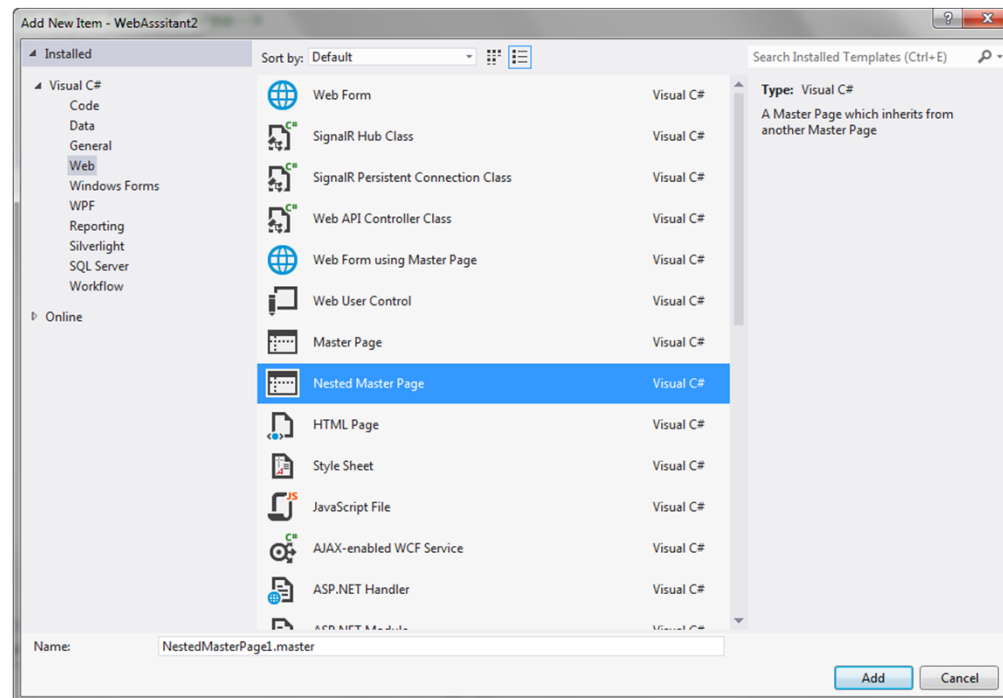
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Unnecessary Duplication

- Which pages will contain unnecessary duplication using this master page?
- The only solution is to use nested master pages

Nested Masters

- Top Level Master
  - Header
  - Main Menu Bar
  - Footer
- Nested Master 1
  - Aside Navigation
- ASP Form
  - Main Content