

Application Page 开发方案(1)

1. 将服务器端代码嵌入到.aspx 页面

1) 继承了 Microsoft.SharePoint.WebControls.LayoutsPageBase 的写法

第一步

新建 web 项目，添加 web 页面，在 web 页面里完成相应功能，包括完成前台布局和后台代码，确保编译成功

第二步

添加一个.txt 文件，把后缀名改为.aspx,写入如下代码

```
<%@ Assembly Name="Microsoft.SharePoint,Version=12.0.0.0,  
Culture=neutral,PublicKeyToken=71e9bce111e9429c" %>
```

```
<%@ Page Language="C#" MasterPageFile="~/_layouts/application.master"
```

```
Inherits="Microsoft.SharePoint.WebControls.LayoutsPageBase" %>
```

```
<%@ Import Namespace="Microsoft.SharePoint" %>
```

```
<script runat="server">
```

```
</script>
```

```
<asp:Content ID="Main" contentplaceholderid="PlaceHolderMain" runat="server">
```

```
</asp:Content>
```

```
<asp:Content ID="PageTitle" runat="server"
```

```
    contentplaceholderid="PlaceHolderPageTitle" >
```

```
</asp:Content>
```

```
<asp:Content ID="PageTitleInTitleArea" runat="server"
```

```
    contentplaceholderid="PlaceHolderPageTitleInTitleArea" >
```

```
</asp:Content>
```

第三步

将第一步中的后台代码，拷入（只拷类中的方法和其他成员即可）<script>..</script>标记下

将第一步中的前台代码，拷入(只拷<body>..</body>标记中的内容即可，不包括

<Form>..</Form>标记)ID="Main"的 <asp:Content>..</asp:Content>标记中。

ID="PageTitle"的<asp:Content>..</asp:Content>标记表示网页的标题，相当于前台代码中的

<title>..</title>标记。如在 vs 里新建 web 页面的默认标题是"无标题"

ID="PageTitleInTitleArea"的<asp:Content>..</asp:Content>标记表示的是网页中的标题

保存，将二步创建的.aspx 文件放到 sharepoint 服务器的 C:\Program Files\Common

Files\Microsoft Shared\web server extensions\12\TEMPLATE\LAYOUTS 路径下。为了避免自定义的.aspx 页面与其他.aspx 页面混淆，建议在该路径下新建一个子文件夹，将自定义.aspx 页面放入该子文件夹。

实验案例：

做一个网页，实现如下功能，在文本框里输入文本内容，点击按钮，网页显示出文本框里输入的内容。

按照以上步骤，得到了名为“test5”的.aspx 页面，代码如下：

```
<%@ Assembly Name="Microsoft.SharePoint,Version=12.0.0.0,  
Culture=neutral,PublicKeyToken=71e9bce111e9429c" %>
```

```
<%@ Page Language="C#" MasterPageFile="~/_layouts/application.master"
```

```
Inherits="Microsoft.SharePoint.WebControls.LayoutsPageBase" %>
```

```
<%@ Import Namespace="Microsoft.SharePoint" %>
```

```
<script runat="server">
```

```
    protected void Button1_Click(object sender, EventArgs e)
```

```
    {
```

```
        this.Label1.Text = TextBox1.Text;
```

```
    }
```

```
</script>
```

```
<asp:Content ID="Main" contentplaceholderid="PlaceholderMain" runat="server">
```

```
<table >
```

```
<tr>
```

```
<td>
```

```
<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
```

```
</td>
```

```
<td>
```

```
<asp:Button ID="Button1" runat="server" onclick="Button1_Click" Text="Button" />
```

```
</td>
```

```
</tr>
```

```
<tr>
```

```
<td>
```

```
<asp:Label ID="Label1" runat="server"></asp:Label>
```

```
</td>
```

```
<td>
```

```
&nbsp;</td>
```

```
</tr>
```

```
</table>
```

```
</asp:Content>
```

```
<asp:Content ID="PageTitle" runat="server"
```

```
    contentplaceholderid="PlaceHolderPageTitle" >
```

```
        世纪拓远测试页
```

```
</asp:Content>
```

```
<asp:Content ID="PageTitleInTitleArea" runat="server"
```

```
    contentplaceholderid="PlaceHolderPageTitleInTitleArea" >
```

```
        点击显示内容
```

```
</asp:Content>
```

效果如图 1 所示

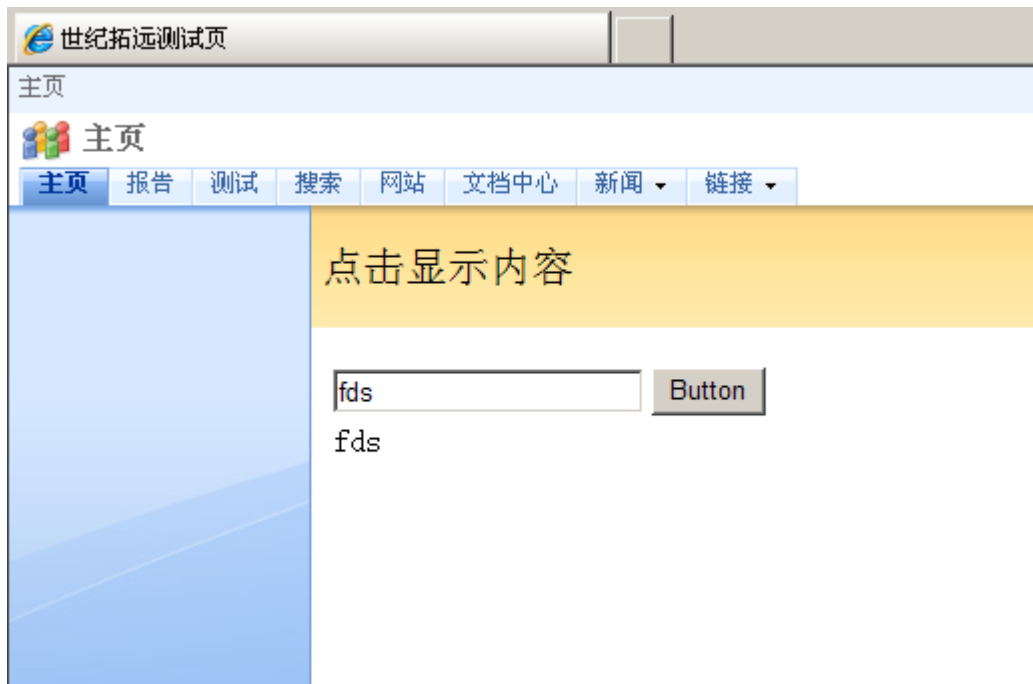


图 1

该网页的访问路径为：http://yang-xuejian/_layouts/yxj/test5.aspx，注意：这里是在_layouts 下新建了一个名为 yxj 的文件夹，然后把 test5.aspx 页面放到该文件夹下。

2) 不继承 Microsoft.SharePoint.WebControls.LayoutsPageBase 的写法

还是实现以上功能，代码有所变化，如下：

```
<%@ Page Language="C#" %>
```

```
<%@ Assembly Name="Microsoft.SharePoint,Version=12.0.0.0,  
Culture=neutral,PublicKeyToken=71e9bce111e9429c" %>
```

```
<%@ Import Namespace="Microsoft.SharePoint" %>
```

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
```

```
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

```
<script runat="server">
```

```
protected void Button1_Click(object sender, EventArgs e)
```

```
{
```

```
    this.Label1.Text = TextBox1.Text;
```

```
}
```

```
</script>
```

```
<html xmlns="http://www.w3.org/1999/xhtml" >
```

```
<head id="Head1" runat="server">
```

```
    <title>世纪拓远测试页</title>
```

```
</head>
```

```
<body>
```

```
    <form id="form1" runat="server">
```

```
        <div>
```

```
            <table >
```

```
                <tr>
```

```
                    <td>
```

```
<asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
```

```
</td>
```

```
<td>
```

```
<asp:Button ID="Button1" runat="server" onclick="Button1_Click" Text="Button" />
```

```
</td>
```

```
</tr>
```

```
<tr>
```

```
<td>
```

```
<asp:Label ID="Label1" runat="server"></asp:Label>
```

```
</td>
```

```
<td>
```

```
&nbsp;</td>
```

```
</tr>
```

```
</table>
```

```
</div>
```

```
</form>
```

```
</body>
```

```
</html>
```

从以上代码中可以看出，这种写法更符合一般的编码习惯，只是不再继承 moss 页面的一般特性，所以样式需要重新定制。效果如图 2 所示