## **ASP.NET - 数据绑定**

**绑定流程：**

### **例子**

让我们采取以下的步骤：

****步骤(1):****添加一个名为 booklist 的类。将它命名为 booklist.cs。

**using** System;**using** System.Data;**using** System.Configuration;**using** System.Linq;

**using** System.Web;**using** System.Web.Security;**using** System.Web.UI;**using** System.Web.UI.HtmlControls;**using** System.Web.UI.WebControls;**using** System.Web.UI.WebControls.WebParts;

**using** System.Xml.Linq;

**namespace** **databinding**

{

**public** **class** **booklist**

{

**protected** String bookname;

**protected** String authorname;

**public** **booklist**(String bname, String aname)

{

**this**.bookname = bname;

**this**.authorname = aname;

}

**public** String Book

{

**get**

{

**return** **this**.bookname;

}

**set**

{

**this**.bookname = **value**;

}

}

**public** String Author

{

**get**

{

**return** **this**.authorname;

}

**set**

{

**this**.authorname = **value**;

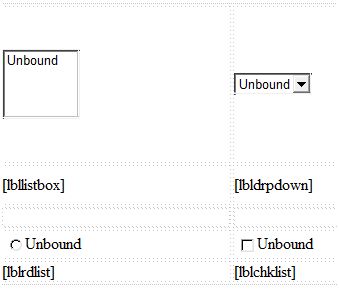
}

}

}

}

****步骤(2):****在页面上添加四个列表控件，一个 list box 控件，一个 radio button 控件，一个 check box 控件和一个 drop down list 和四个与这些列表控件一起的四个表单。在设计视图中页面应该看起来像这样：



源文件应该看起来像下面这样：

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

<**div**>

<**table** style="width: 559px">

<**tr**>

<**td** style="width: 228px; height: 157px;">

<**asp:ListBox** ID="ListBox1" runat="server" AutoPostBack="True"

OnSelectedIndexChanged="ListBox1\_SelectedIndexChanged">

</**asp:ListBox**>

</**td**>

<**td** style="height: 157px">

<**asp:DropDownList** ID="DropDownList1" runat="server"

AutoPostBack="True" OnSelectedIndexChanged="DropDownList1\_SelectedIndexChanged">

</**asp:DropDownList**>

</**td**>

</**tr**>

<**tr**>

<**td** style="width: 228px; height: 40px;">

<**asp:Label** ID="lbllistbox" runat="server"></**asp:Label**>

</**td**>

<**td** style="height: 40px">

<**asp:Label** ID="lbldrpdown" runat="server">

</**asp:Label**>

</**td**>

</**tr**>

<**tr**>

<**td** style="width: 228px; height: 21px">

</**td**>

<**td** style="height: 21px">

</**td**>

</**tr**>

<**tr**>

<**td** style="width: 228px; height: 21px">

<**asp:RadioButtonList** ID="RadioButtonList1" runat="server"

AutoPostBack="True" OnSelectedIndexChanged="RadioButtonList1\_SelectedIndexChanged">

</**asp:RadioButtonList**>

</**td**>

<**td** style="height: 21px">

<**asp:CheckBoxList** ID="CheckBoxList1" runat="server"

AutoPostBack="True" OnSelectedIndexChanged="CheckBoxList1\_SelectedIndexChanged">

</**asp:CheckBoxList**>

</**td**>

</**tr**>

<**tr**>

<**td** style="width: 228px; height: 21px">

<**asp:Label** ID="lblrdlist" runat="server">

</**asp:Label**>

</**td**>

<**td** style="height: 21px">

<**asp:Label** ID="lblchklist" runat="server">

</**asp:Label**>

</**td**>

</**tr**>

</**table**>

</**div**></**form**>

****步骤(3):****最后，在应用程序的例行程序后写下面的代码：

**public** partial **class** \_Default : System.Web.UI.Page

{

**protected** **void** **Page\_Load**(object sender, EventArgs e)

{

IList bklist = createbooklist();

**if** (!**this**.IsPostBack)

{

**this**.ListBox1.DataSource = bklist;

**this**.ListBox1.DataTextField = "Book";

**this**.ListBox1.DataValueField = "Author";

**this**.DropDownList1.DataSource = bklist;

**this**.DropDownList1.DataTextField = "Book";

**this**.DropDownList1.DataValueField = "Author";

**this**.RadioButtonList1.DataSource = bklist;

**this**.RadioButtonList1.DataTextField = "Book";

**this**.RadioButtonList1.DataValueField = "Author";

**this**.CheckBoxList1.DataSource = bklist;

**this**.CheckBoxList1.DataTextField = "Book";

**this**.CheckBoxList1.DataValueField = "Author";

**this**.DataBind();

}

}

**protected** IList **createbooklist**()

{

ArrayList allbooks = **new** ArrayList();

booklist bl;

bl = **new** booklist("UNIX CONCEPTS", "SUMITABHA DAS");

allbooks.Add(bl);

bl = **new** booklist("PROGRAMMING IN C", "RICHI KERNIGHAN");

allbooks.Add(bl);

bl = **new** booklist("DATA STRUCTURE", "TANENBAUM");

allbooks.Add(bl);

bl = **new** booklist("NETWORKING CONCEPTS", "FOROUZAN");

allbooks.Add(bl);

bl = **new** booklist("PROGRAMMING IN C++", "B. STROUSTROUP");

allbooks.Add(bl);

bl = **new** booklist("ADVANCED JAVA", "SUMITABHA DAS");

allbooks.Add(bl);

**return** allbooks;

}

**protected** **void** **ListBox1\_SelectedIndexChanged**(object sender, EventArgs e)

{

**this**.lbllistbox.Text = **this**.ListBox1.SelectedValue;

}

**protected** **void** **DropDownList1\_SelectedIndexChanged**(object sender, EventArgs e)

{

**this**.lbldrpdown.Text = **this**.DropDownList1.SelectedValue;

}

**protected** **void** **RadioButtonList1\_SelectedIndexChanged**(object sender, EventArgs e)

{

**this**.lblrdlist.Text = **this**.RadioButtonList1.SelectedValue;

}

**protected** **void** **CheckBoxList1\_SelectedIndexChanged**(object sender, EventArgs e)

{

**this**.lblchklist.Text = **this**.CheckBoxList1.SelectedValue;

}

}