

Mobile Web Application Course

Lab # 5

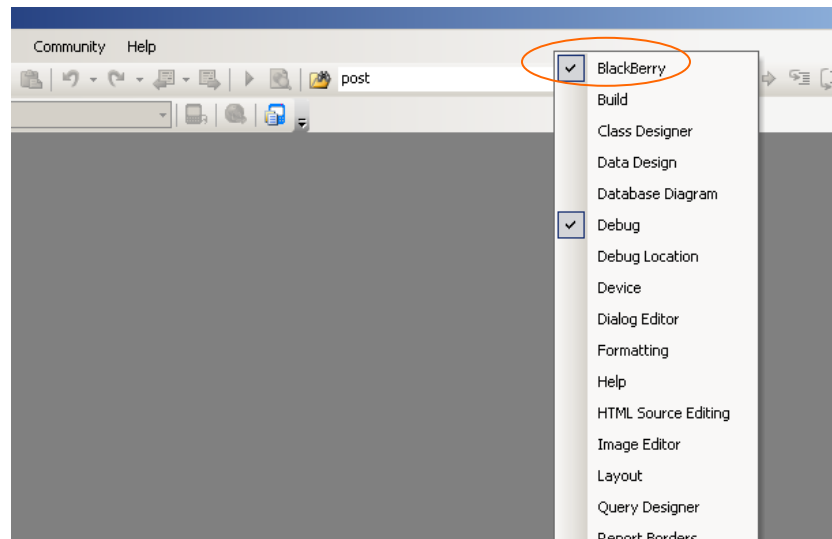
BlackBerry Plug-in for Microsoft Visual Studio (ASP.NET)

The objective of this lab is to learn and understand how to use the BlackBerry Plug-in for Microsoft Visual Studio.

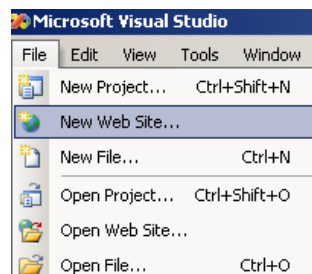
Exercise 1: Understand the BlackBerry Plug-in for Microsoft Visual Studio

Download and install the BlackBerry Plug-in for Microsoft Visual Studio from BlackBerry.com (<http://na.blackberry.com/eng/developers/rapidappdev/vsplugin.jsp>)

Launch Microsoft Visual Studio (2005 or 2008). In the toolbar section, right click anywhere and a context menu will appear.



Select the BlackBerry toolbar. Then create a new ASP.NET Web site.



Using an ASP Label server control, display a “Hello World” message when the page loads.

```

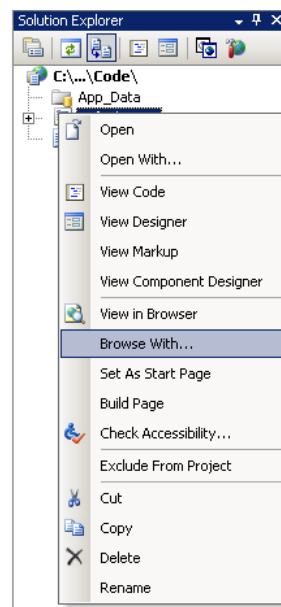
<%@ Page Language="VB" Debug="true"%>

<script runat="server">
    Sub Page_Load()
        msg.Text = "Hello World"
    End Sub
</script>

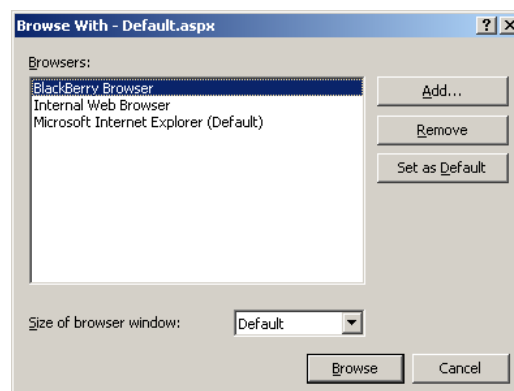
<html>
<head>
    <title>Lab5</title>
</head>
<body>
    <form id="form1" runat="server">
    <div>
        <asp:Label ID="msg" runat="server" />
    </div>
    </form>
</body>
</html>

```

Now, run the above code using the Browser and check the result. Then, run the code using the BlackBerry simulator. To run the simulator, right click on the name of the file, in this case default.aspx, then select “Browse With...” in the Solution Explorer.

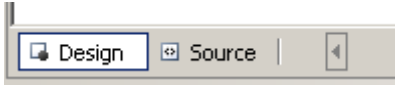


A window will appear containing the types of supported browsers by Microsoft Visual Studio.

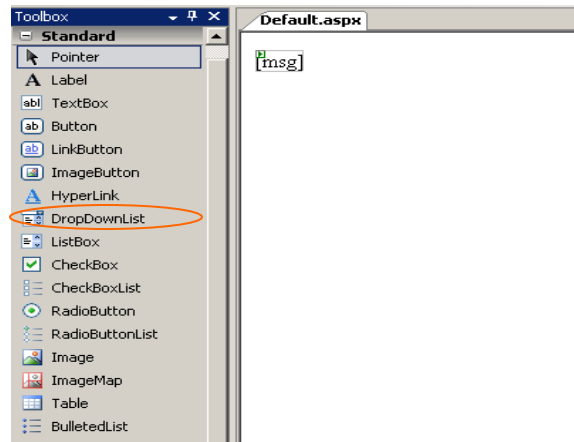


Exercise 2: Create aPostBack event using a drop down menu

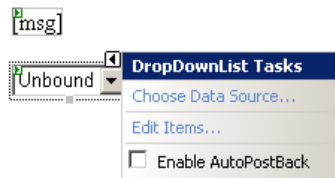
Create a drop down menu in default.aspx. Change from the Source mode to the Design mode.



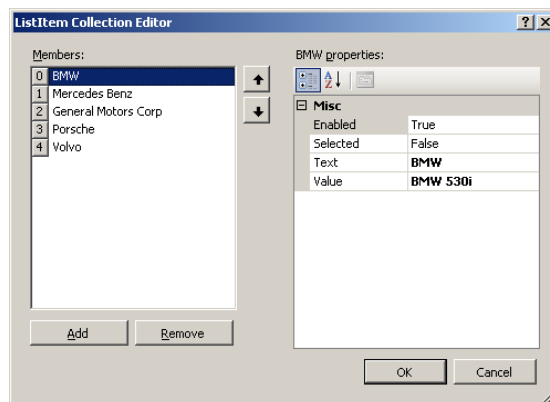
Then, open the toolbox on the left side.



Drag and drop a DropDownList into the design area.



Check the box “Enable AutoPostBack”. Click on “Edit Items”. Add at least five list items for your favorite cars. For the text, enter the make and for the value enter a car model as shown below (for illustration purposes):



Click OK and return to the Source mode.

Create a PostBack event using the IsPostBack property of the Page object. If the page is in the post back event, print the value of the selected list item. For example, if you select BMW from the DropDownList, a label should display a message such as “You have chosen BMW as the make, and BMW 530i as the model”.

Sample output

