

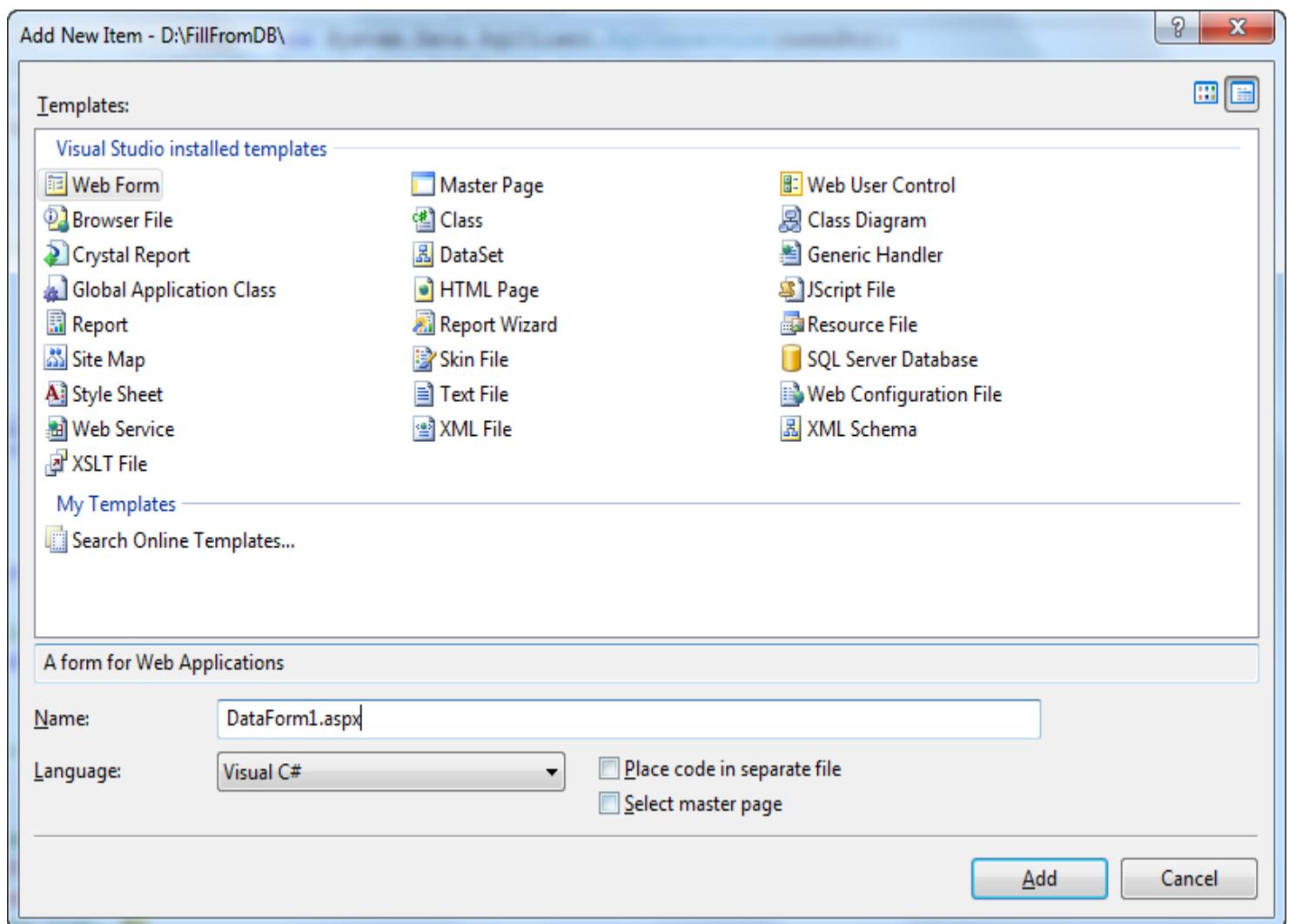
Connecting an ASP.NET-form to a database

Connecting an ASP.NET form created with ExcelEverywhere to a database is very easy. We will do it in 3 steps:

1. [Calculate and save the form contents into a database.](#)
2. [Retrieve previous entered data from the database, show it in the form and let the user edit it and recalculated and save it again](#)
3. Show all submitted entries so that we can click on them to edit them.

Part 3: Show all entries in a clickable list

We use the GridView control to display the list of all entries. So add a new page in the Website as below & remember to select "Visual C#" as the language.



Now paste the following code in between the "<div>" tags

```
<%--Button to bind & display the list --%>
<asp:Button ID="btnLoad" runat="server" OnClick="btnLoad_Click" Text="Load" />
<br />
<br />
<%--Gridview control to display in the list--%>
```

```

<asp:GridView ID="gvw" runat="server" AutoGenerateColumns="False" Width="558px">
    <Columns>
        <%--First column as hyperlink to redirect to time_report.aspx page for
editing--%>
        <asp:HyperLinkField DataNavigateUrlFields="serialno"
DataNavigateUrlFormatString="time_report.aspx?serialno={0}"
            DataTextField="name" HeaderText="Name" />
        <%--Other column list--%>
        <asp:BoundField DataField="today2" HeaderText="Date" />
        <asp:BoundField DataField="arrival" HeaderText="Arrival" />
        <asp:BoundField DataField="departure" HeaderText="Departure" />
        <asp:BoundField DataField="lunch" HeaderText="Lunch" />
        <asp:BoundField DataField="experience" HeaderText="Experience" />
        <asp:BoundField DataField="hours" HeaderText="Hours" />
    </Columns>
</asp:GridView>

```

as below. We have added a Button control & GridView control. GridView control displays the list in the tabular(grid) form. Different columns are defined in the GridView column.

First column is of type `asp:HyperLinkField` so as to display the entry in the clickable form for display the entered record. Other is of type `asp:BoundField`.

The screenshot shows the Microsoft Visual Studio interface with the title bar "FillFromDB - Microsoft Visual Studio (Administrator)". The menu bar includes File, Edit, View, Website, Build, Debug, Format, Tools, Test, Window, and Help. The toolbar has various icons for file operations like Open, Save, Print, and a search bar. The status bar at the bottom shows "Ready", "Ln 22", "Col 42", "Ch 42", and "INS". The main window displays the code for "DataForm1.aspx". The code is as follows:

```
10<form id="form1" runat="server">
11<div>
12    <%--Button to bind & display the list --%>
13    <asp:Button ID="btnLoad" runat="server" OnClick="btnLoad_Click" Text="Load" />
14    <br />
15    <br />
16    <%--Gridview control to display in the list--%>
17    <asp:GridView ID="gvw" runat="server" AutoGenerateColumns="False" Width="558px">
18        <Columns>
19            <%--First column as hyperlink to redirect to time_report.aspx page for--%>
20            <asp:HyperLinkField DataNavigateUrlFields="serialno" DataNavigateUrlFor-
21                DataTextField="name" HeaderText="Name" />
22            <%--Other column list--%>
23            <asp:BoundField DataField="today2" HeaderText="Date" />
24            <asp:BoundField DataField="arrival" HeaderText="Arrival" />
25            <asp:BoundField DataField="departure" HeaderText="Departure" />
26            <asp:BoundField DataField="lunch" HeaderText="Lunch" />
27            <asp:BoundField DataField="experience" HeaderText="Experience" />
28            <asp:BoundField DataField="hours" HeaderText="Hours" />
29        </Columns>
30    </asp:GridView>
31</div>
32</form>
33</body>
```

The tabs at the bottom are Design, Split, and Source, with Source being the active tab. The status bar shows "Ln 22", "Col 42", "Ch 42", and "INS".

Now paste following server side(c#) code to display in the GridView just before "<html>" tag:

```
<script runat="server">
// remember to change the connection string with appropriate values
string connStr = "Server=<Server>;Database=<Database>;uid=<Username>;pwd=<Password>";

// Button click handler
protected void btnLoad_Click(object sender, EventArgs e)
{
    Load();
}

// Method to display data
void Load()
{
    string sql = "select * from arrival";
```

```
System.Data.SqlClient.SqlConnection conn = new
System.Data.SqlClient.SqlConnection(connStr);
System.Data.SqlClient.SqlCommand cmd = new System.Data.SqlClient.SqlCommand(sql,
conn);
System.Data.SqlClient.SqlDataAdapter adap = new
System.Data.SqlClient.SqlDataAdapter(cmd);
System.Data.DataTable tbl = new System.Data.DataTable();

// Fill DataTable with data
adap.Fill(tbl);
// Bind to display data in GridView control
gvw.DataSource = tbl;
gvw.DataBind();
}
</script>
```

as below:

FillFromDB - Microsoft Visual Studio (Administrator)

File Edit View Website Build Debug Format Tools Test Window Help

Style Application: Manual Target Rule: (New Inline Style)

DataForm1.aspx*

Client Objects & Events (No Events)

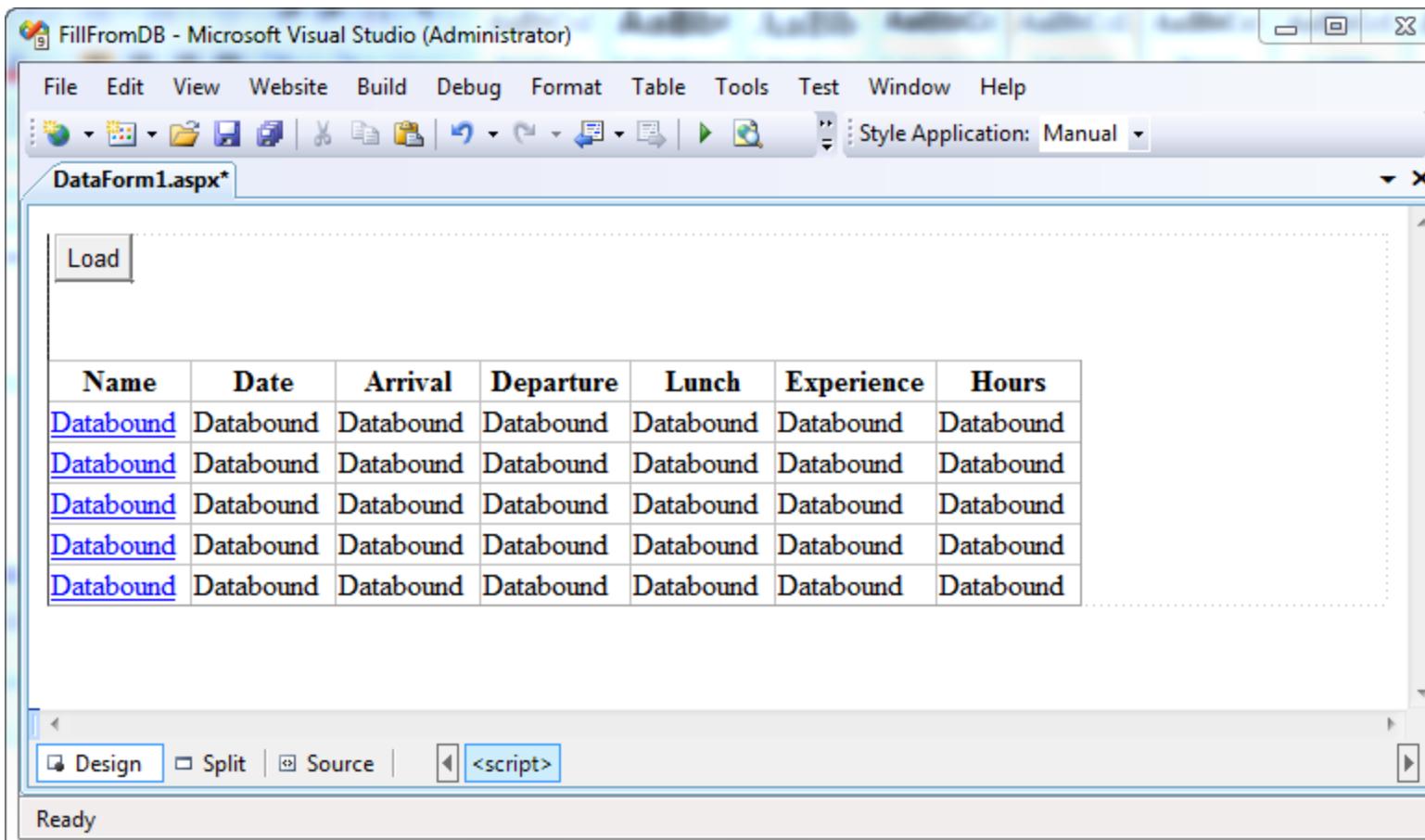
```
1 <%@ Page Language="C#" AutoEventWireup="true" CodeFile="DataForm1.aspx.cs" Inherits="DataForm1" %>
2
3 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
4
5 <script runat="server">
6     // remember to change the connection string with appropriate values
7     string connStr = "Server=<Server>;Database=<Database>;uid=<Username>;pwd=<Password>";
8
9     // Button click handler
10    protected void btnLoad_Click(object sender, EventArgs e)
11    {
12        Load();
13    }
14
15    // Method to display data
16    void Load()
17    {
18        string sql = "select * from arrival";
19        System.Data.SqlClient.SqlConnection conn = new System.Data.SqlClient.SqlConnection(connStr);
20        System.Data.SqlClient.SqlCommand cmd = new System.Data.SqlClient.SqlCommand(sql, conn);
21        System.Data.SqlClient.SqlDataAdapter adap = new System.Data.SqlClient.SqlDataAdapter(cmd);
22        System.Data.DataTable tbl = new System.Data.DataTable();
23
24        // Fill DataTable with data
25        adap.Fill(tbl);
26        // Bind to display data in GridView control
27        gvw.DataSource = tbl;
28        gvw.DataBind();
29    }
30 </script>
31
32 <html xmlns="http://www.w3.org/1999/xhtml">
```

Design Split Source <script>

Ready Ln 9 Col 28 Ch 28

Note: Remember to change the variable “connStr” with appropriate values to point to the database created in step1.

It looks as below in the design view.



A complete sample run:

Start DataForm1.aspx and press Load

http://localhost:57126/FillFromDB/DataForm1.aspx - Windows Internet Explorer

Snagit

Favorites Suggested Sites Web Slice Gallery

http://localhost:57126/FillFromDB/DataForm1.aspx

Load

Name	Date	Arrival	Departure	Lunch	Experience	Hours
John smith	8/26/2010	2	18	1	3	15

Done Local intranet | Protected Mode: Off 100%

The screenshot shows a Microsoft Internet Explorer window with a data grid. The grid has columns for Name, Date, Arrival, Departure, Lunch, Experience, and Hours. A single row of data is present, with the Name column containing a link to 'John smith'. The browser's status bar at the bottom right shows 'Local intranet | Protected Mode: Off'.

Click on the John Smith text and the time report form will open with the data filled in.

time_report.xlsx - Windows Internet Explorer

http://localhost:57126/FillFromDB/time_report.aspx?serialno=14

Bing

Snagit

Favorites Suggested Sites Web Slice Gallery

time_report.xlsx

Name: John smith

Today: 8/26/2010

Arrival: 2

Departure: 15

Lunch: 1

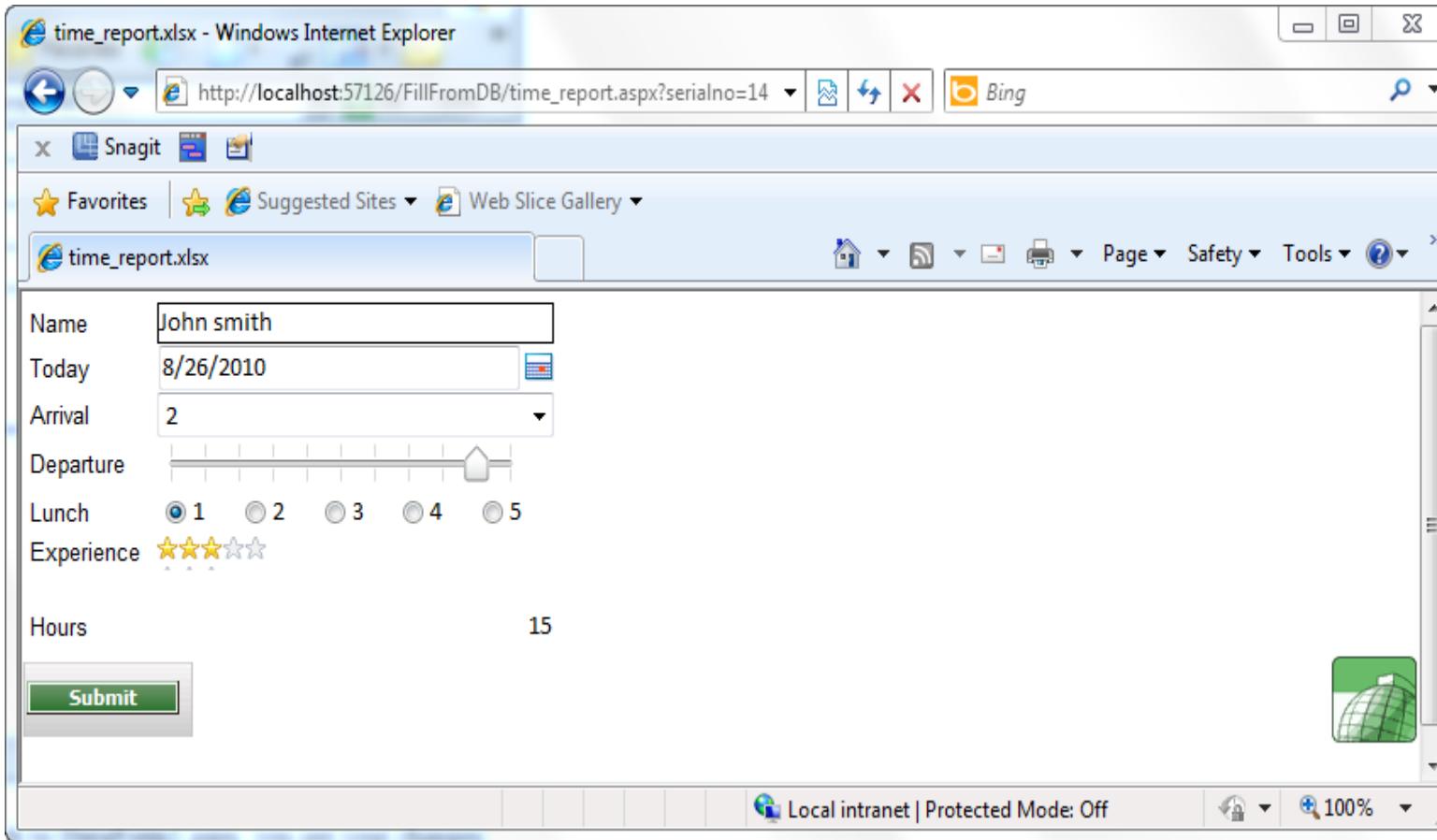
Experience: ★★★★☆

Hours: 15

Submit

Local intranet | Protected Mode: Off

100%



If you edit the values, press save and the go back to DataForm1.aspx, you see your changes.

Conclusion

We showed how to create a list view using GridView and how listviews easily can generate urls that open up our ASP.NET-page created with SpreadsheetConverter.