

Tutorial 6: Data-Entry

Creating a Data-Entry Page

- In this example, we are going to use the Members table from the db1 database that attached with this PDF document.

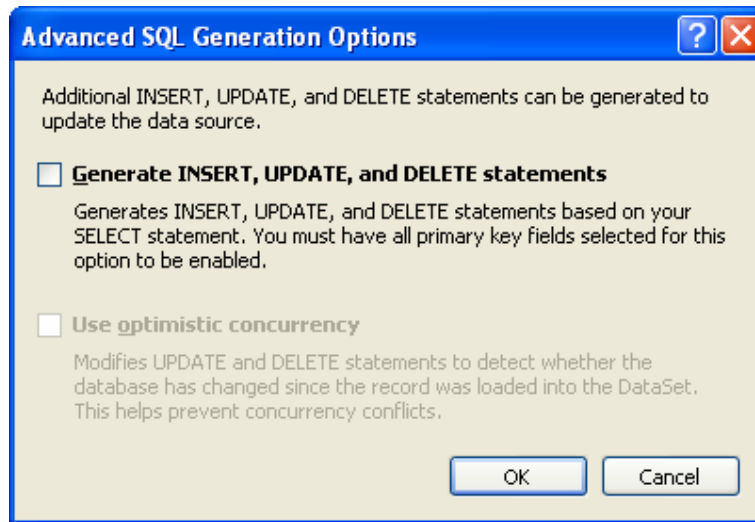
Follow these steps:

1. Create a new Web Form and call the DataEntry1.aspx.
2. Switch to Design view, then open the Data section of the toolbox and drag a AccessDataSource control over to the page.
3. Click Configure Data Source in the Smart Tag menu. This summons the familiar Configure Data Source Wizard dialog box.
4. In the Configure Data Source Wizard, click the browse...button. This opens the Select Microsoft Access Database dialog box.
5. In the Select Microsoft Access Database dialog box, select the db1 database and click OK button. This opens the Configure Data Source dialog box.
6. Click **Next** in the Configure Data Source Wizard. The page that opens allows you to choose a table.

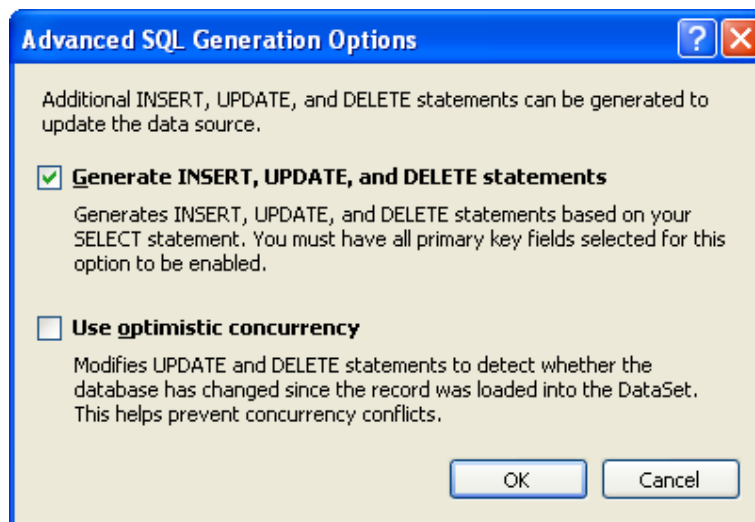
The screenshot shows the 'Configure Data Source - AccessDataSource1' dialog box, specifically the 'Configure the Select Statement' step. The dialog has a blue title bar and a yellow icon of a plug. The main area is light yellow. It asks 'How would you like to retrieve data from your database?' with two radio buttons: 'Specify a custom SQL statement or stored procedure' (unselected) and 'Specify columns from a table or view' (selected). Below this, there is a 'Name:' dropdown menu with 'Members' selected. To the right of the dropdown is a 'Columns:' list box containing a list of columns: '*', ID, FirstName, LastName, Gender, and YearBorn. The '*' column is selected with a green checkmark. To the right of the list box are three buttons: 'Return only unique rows' (unchecked), 'WHERE...', and 'ORDER BY...'. Below these buttons is an 'Advanced...' button. At the bottom, there is a 'SELECT statement:' text box containing the text 'SELECT * FROM [Members]'. At the very bottom of the dialog are four buttons: '< Previous', 'Next >', 'Finish', and 'Cancel'.

7. Select the Members table and click the * in the Columns.

- Click the Advanced button. The Advanced SQL Generation Options dialog box opens.

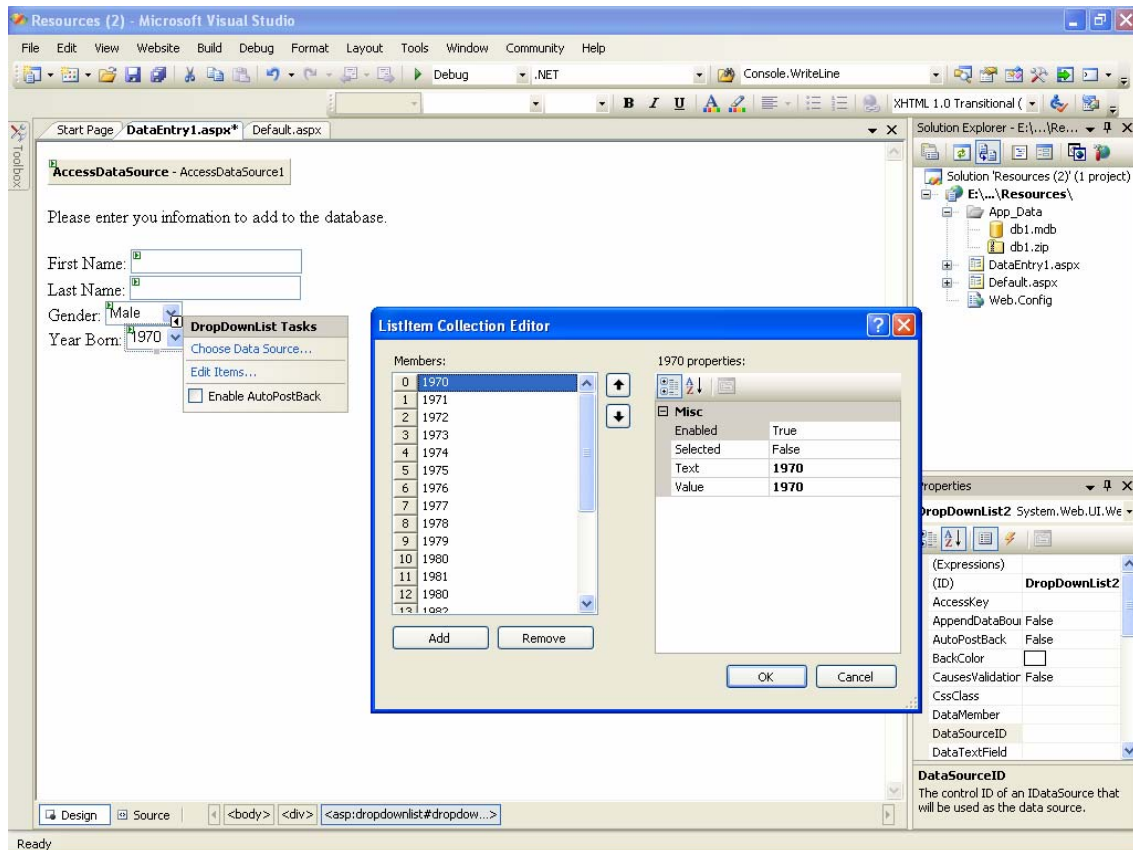


- Check the Generate INSERT, UPDATE, and DELETE Statements check box (shown in below); and then click OK to close this dialog box.

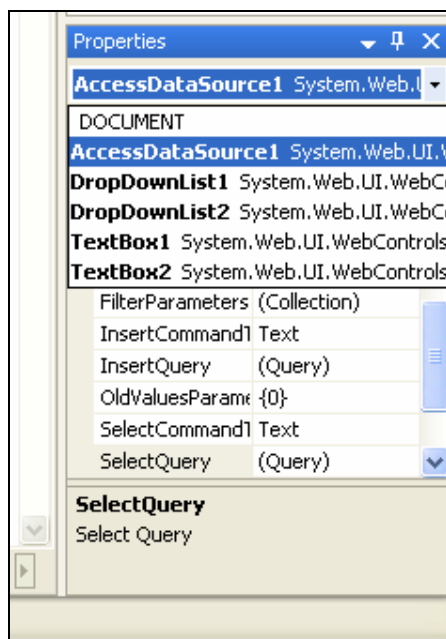


- Click Next to test out the query. You will see a table that shows the rows from the table.
- Click Finish. Now the data source has been configured.

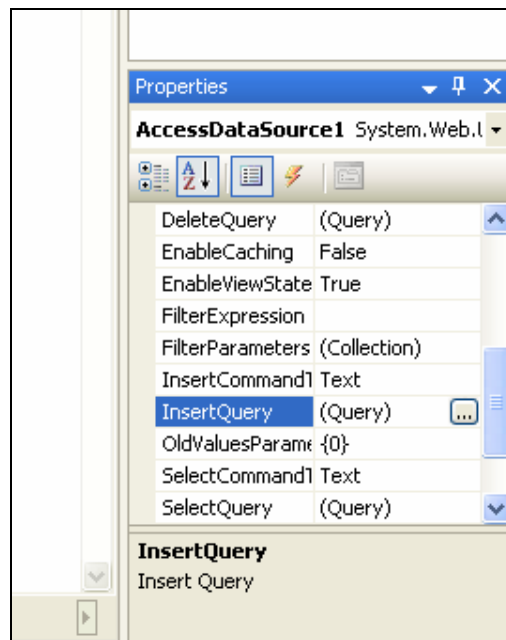
12. Drop 2 Textbox controls, 2 DropDownList controls and 1 button controls on your form. Add values to the DropDownList control accordingly.



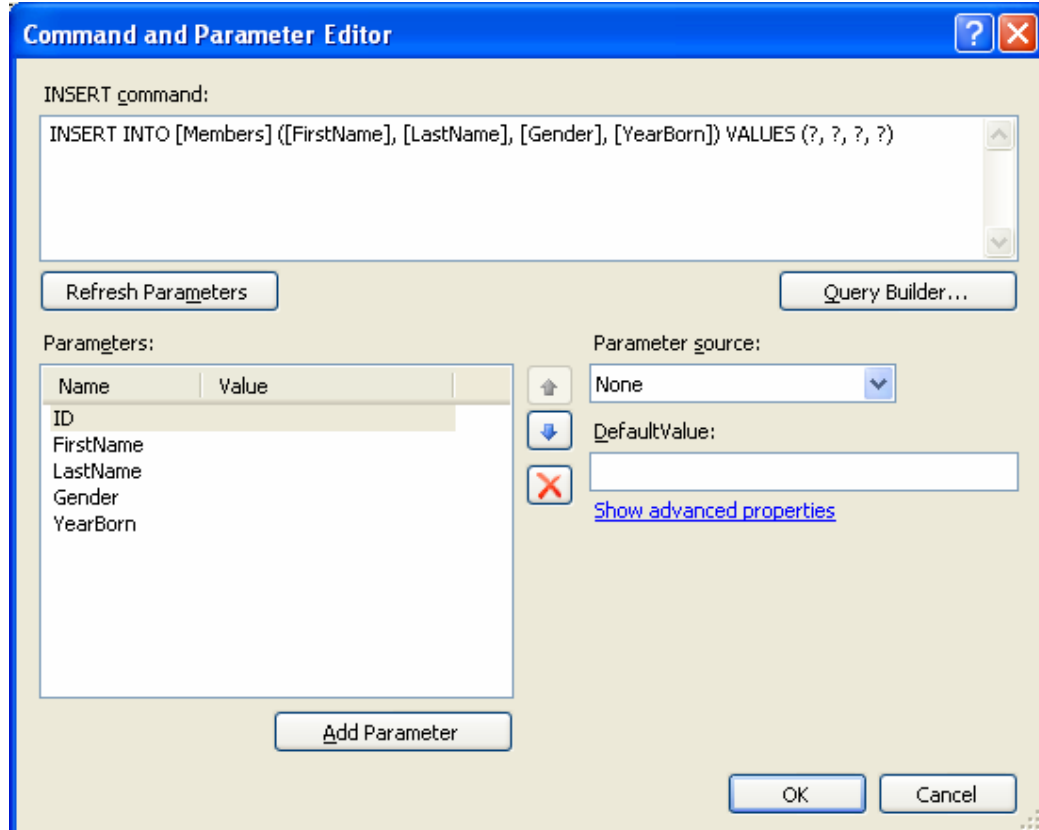
13. Select AccessDataSource1 from the Properties Panel



14. Select the InsertQuery property and click the icon next to it. This opens the Command and Parameter Editor.



15. Change the INSERT command as follow.



16. Remove the ID parameter.

The Parameters dialog box shows a list of parameters: ID, FirstName, LastName, Gender, and YearBorn. The ID parameter is selected. To the right, the Parameter source is set to None. There are buttons for adding, removing, and moving parameters, and a text box for the Default Value. A link for 'Show advanced properties' is also present.

Name	Value
ID	
FirstName	
LastName	
Gender	
YearBorn	

Parameter source: None

Default Value:

[Show advanced properties](#)

17. Configure the FirstName parameter as follow.

The Parameters dialog box shows the FirstName parameter selected. Its value is 'TextBox1.Text'. The Parameter source is set to Control. The ControlID is set to TextBox1. The Default Value is empty. The 'Show advanced properties' link is visible.

Name	Value
FirstName	TextBox1.Text
LastName	
Gender	
YearBorn	

Parameter source: Control

ControlID: TextBox1

Default Value:

[Show advanced properties](#)

18. Configure the LastName parameter as follow.

The Parameters dialog box shows the LastName parameter selected. Its value is 'TextBox2.Text'. The Parameter source is set to Control. The ControlID is set to TextBox2. The Default Value is empty. The 'Show advanced properties' link is visible.

Name	Value
FirstName	TextBox1.Text
LastName	TextBox2.Text
Gender	
YearBorn	

Parameter source: Control

ControlID: TextBox2

Default Value:

[Show advanced properties](#)

19. Configure the Gender parameter as follow.

The Parameters dialog box shows the Gender parameter selected. Its value is 'DropDownList1.Select...'. The Parameter source is set to Control. The ControlID is set to DropDownList1. The Default Value is empty. The 'Show advanced properties' link is visible.

Name	Value
FirstName	TextBox1.Text
LastName	TextBox2.Text
Gender	DropDownList1.Select...
YearBorn	

Parameter source: Control

ControlID: DropDownList1

Default Value:

[Show advanced properties](#)

20. Configure the YearBorn parameter as follow. Finally click the OK button and return to the web form.

Name	Value
FirstName	TextBox1.Text
LastName	TextBox2.Text
Gender	DropDownList1.Select...
YearBorn	DropDownList2.Select...

Parameter source: Control

ControlID: DropDownList2

DefaultValue:

[Show advanced properties](#)

21. Double click the button and enter the following statement.

```
protected void Button1_Click(object sender, EventArgs e)
{
    this.AccessDataSource1.Insert();
}
```

22. Open this page in the Web browser and you'll able to insert new data; it will look like figure below.

Untitled Page - Windows Internet Explorer

http://localhost:1318/Resources/DataEntry1.aspx

Please enter you information to add to the database.

First Name:

Last Name:

Gender: Male

Year Born: 1970

Done

Local intranet

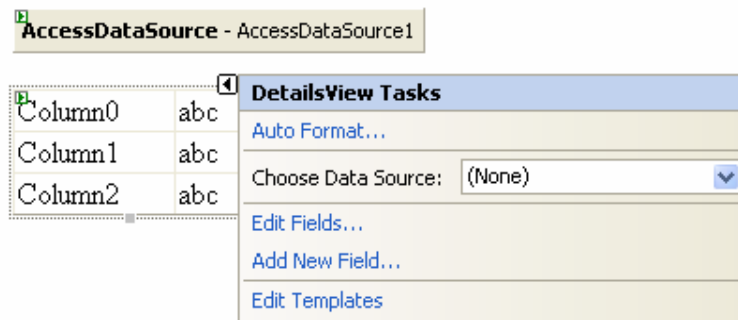
100%

Displaying, Editing, Deleting and Adding a Record using DetailView

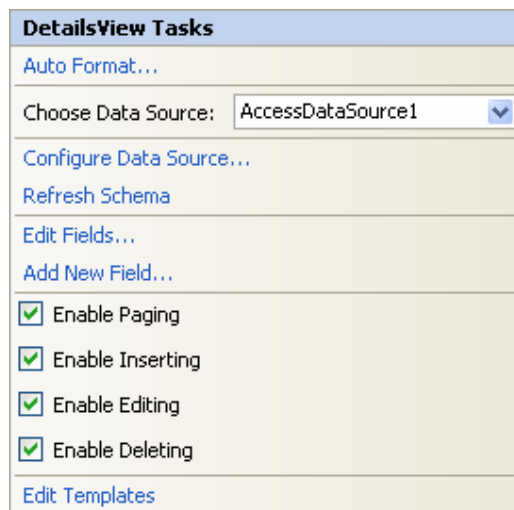
- The DetailsView is ideal for showing a single record at a time, in a table that has one row per field. The DetailsView also supports editing.

Follow these steps:

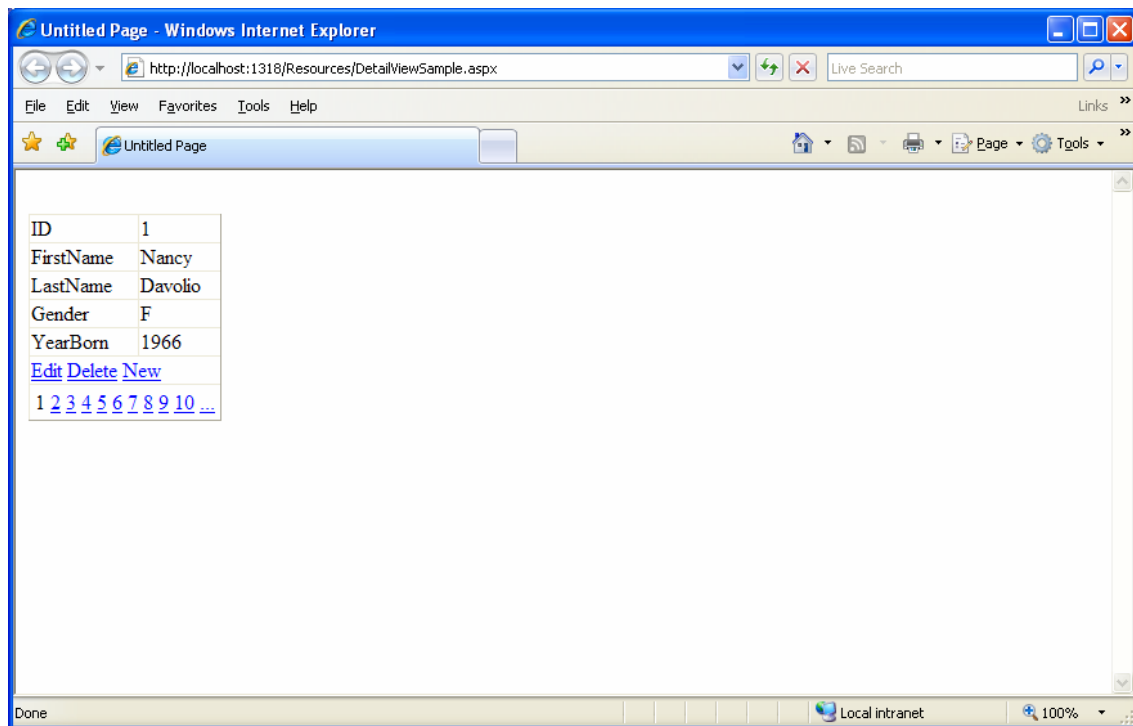
1. Create a new Web Form and call the DetailViewSample.aspx.
2. Redo the Step 2 until Step 16 in the above section to add a AccessDataSource to your form.
3. Drop a DetailView control on your form; expand its Smart Tag by clicking the little arrow in the upper-right corner, as shown in figure below.



4. Click the Choose Data Source drop-down list, and select AccessDataSource1, follow by checking the Enable Paging, Enable Inserting, Editing and Enable Deleting options.



5. Open this page in the Web browser and you'll see a DetailView control like figure below.

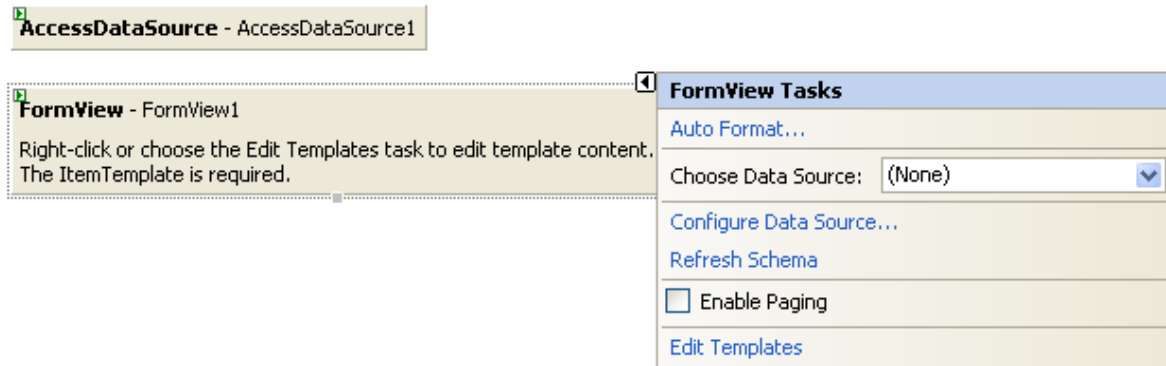


Displaying, Editing, Deleting and Adding a Record using FormView

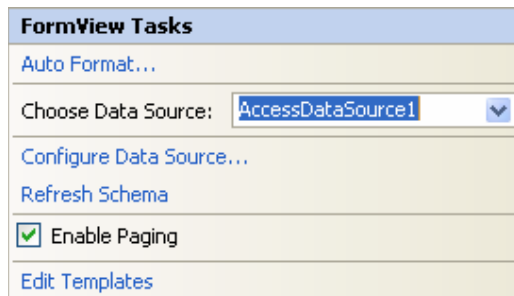
- Like the DetailsView, the FormView shows a single record at a time and supports editing. The difference is that the FormView is based on templates, which allow you to combine fields in a much more flexible layout that doesn't need to be table-based.

Follow these steps:

1. Create a new Web Form and call the FormViewSample.aspx.
2. Redo the Step 2 until Step 16 in the above section to add a AccessDataSource to your form.
3. Drop a FormView control on your form; expand its Smart Tag by clicking the little arrow in the upper-right corner, as shown in figure below.



4. Click the Choose Data Source drop-down list, and select AccessDataSource1, follow by checking the Enable Paging option.



5. Open this page in the Web browser and you'll see a FormView control like figure below.

