

Tutorial 7: Master-Details Form

Creating a Master Detail Form

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

Follow these steps:

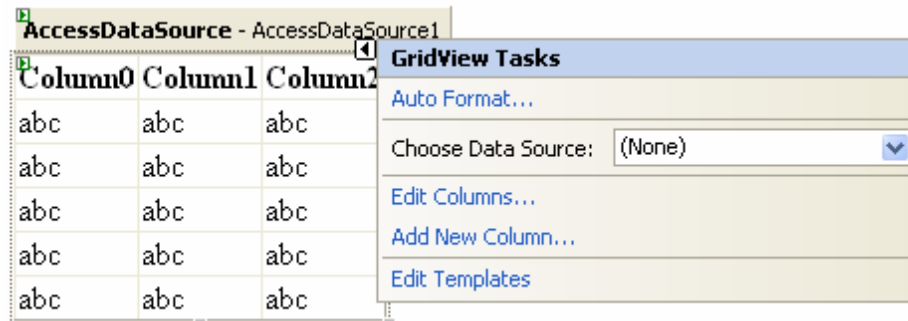
1. Create a new Web Form and call the MasterDetailSample.aspx.
2. Switch to Design view, then open the Data section of the toolbox and drag a `AccessDataSource` control over to the page.
3. Click **Configure Data Source** in the Smart Tag menu. This summons the familiar **Configure Data Source Wizard** 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. Select the **Members** table and click the **ID** and **FirstName** in the **Columns**.

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 database icon. The main area is titled 'Configure the Select Statement' and contains the following elements:

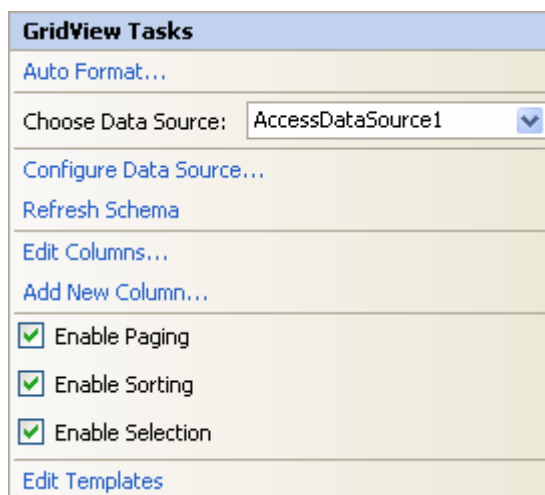
- How would you like to retrieve data from your database?**
 - ☐ Specify a custom SQL statement or stored procedure
 - ☒ Specify columns from a table or view
- Name:** A dropdown menu showing 'Members'.
- Columns:** A list box containing the following items with checkboxes:
 - ☐ *
 - ☒ ID
 - ☒ FirstName
 - ☐ LastName
 - ☐ Gender
 - ☐ YearBorn
- ☐ Return only unique rows
- WHERE...** button
- ORDER BY...** button
- Advanced...** button
- SELECT statement:** A text box containing the SQL query: `SELECT [ID], [FirstName] FROM [Members]`

At the bottom of the dialog, there are four buttons: '< Previous', 'Next >', 'Finish', and 'Cancel'.

7. Click Next to test out the query. You will see a table that shows the rows from the table.
8. Click Finish. Now the data source has been configured.
9. Drop a GridView control on your form; expand its Smart Tag by clicking the little arrow in the upper-right corner, as shown in figure below.

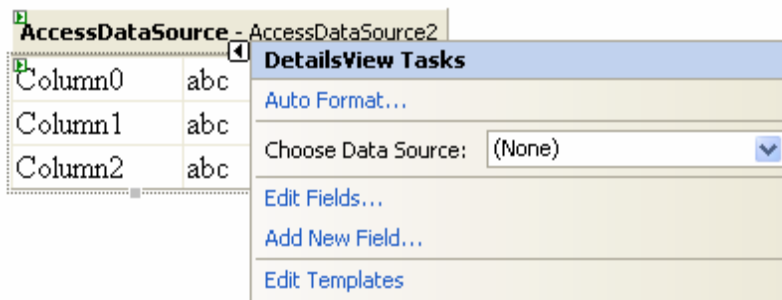


10. Click the Choose Data Source drop-down list, and select AccessDataSource1. Check the Enable Paging, Enable Sorting and Enable Selection options.

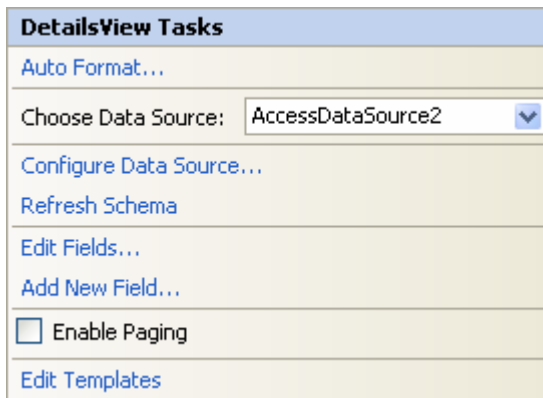


11. Switch to Design view again, then open the Data section of the toolbox and drag another AccessDataSource control over to the page.
12. Click Configure Data Source in the Smart Tag menu. This summons the familiar Configure Data Source Wizard dialog box.
13. In the Configure Data Source Wizard, click the browse...button. This opens the Select Microsoft Access Database dialog box.
14. In the Select Microsoft Access Database dialog box, select the db1 database and click OK button. This opens the Configure Data Source dialog box.
15. Click **Next** in the Configure Data Source Wizard. The page that opens allows you to choose a table. Select the Members table and click * in the Columns.

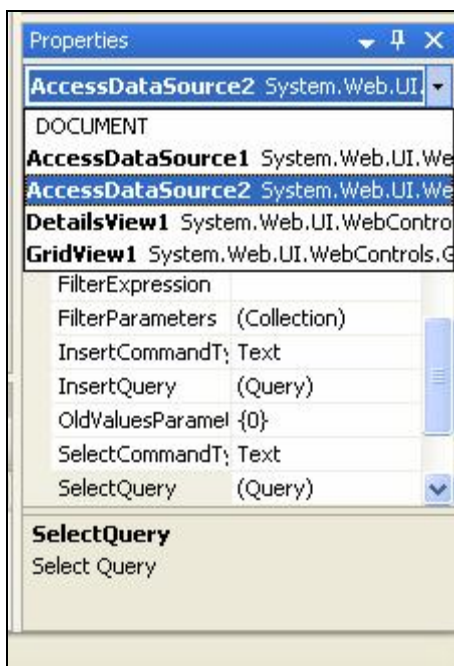
16. Drop a **DetailView** control on your form; expand its Smart Tag by clicking the little arrow in the upper-right corner, as shown in figure below.



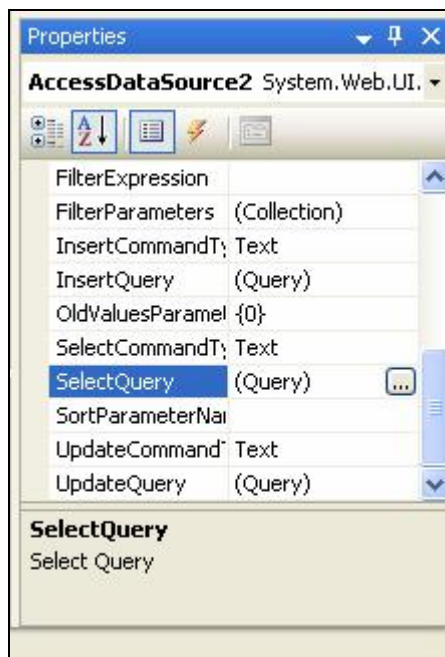
17. Click the **Choose Data Source** drop-down list, and select **AccessDataSource2**. Check the **Enable Paging**, **Enable Sorting** and **Enable Selection** options.



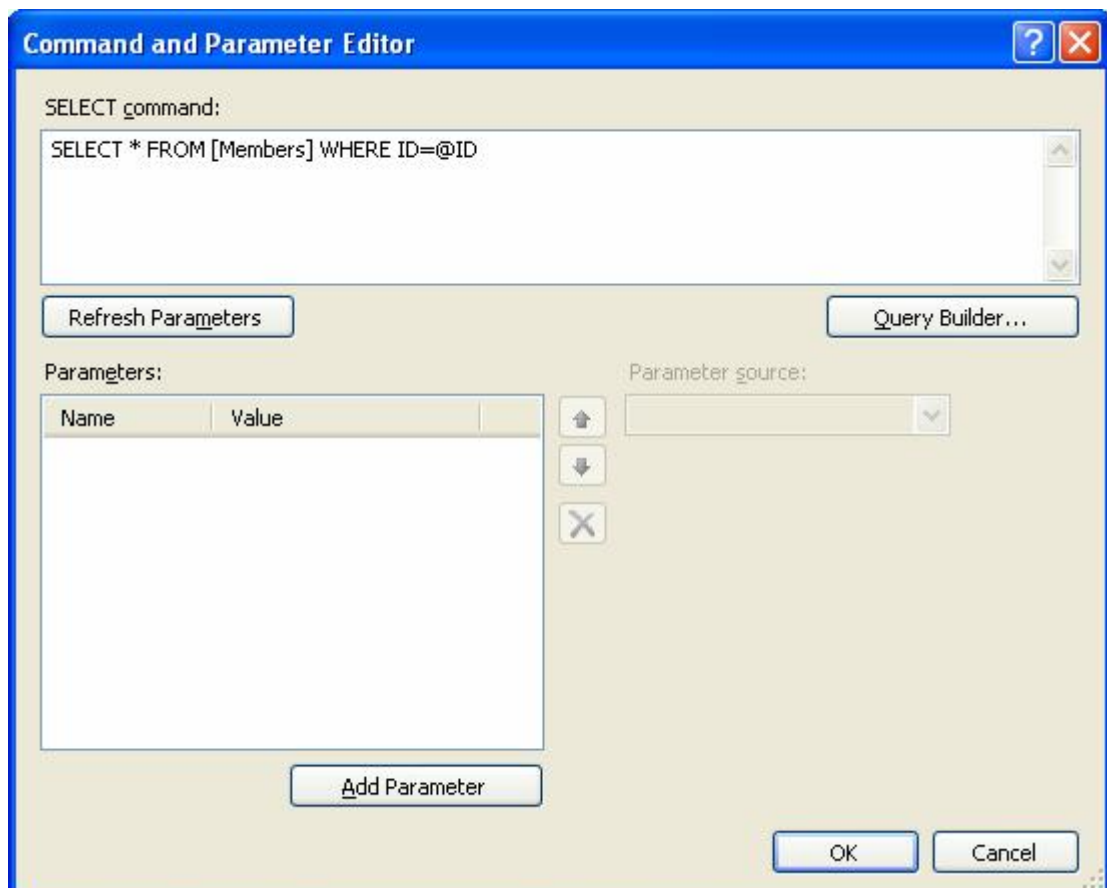
18. Select **AccessDataSource2** from the **Properties** Panel



19. Select the SelectQuery property and click the icon next to it. This opens the Command and Parameter Editor.



20. Change the Select command as follow.



21. Click Add Parameter button to add a parameter called ID.

Command and Parameter Editor

SELECT command:

SELECT * FROM [Members] WHERE ID=@ID

Refresh Parameters

Query Builder...

Parameters:

Name	Value
ID	

Add Parameter

Parameter source:

None

DefaultValue:

Show advanced properties

OK Cancel

22. Configure the ID parameter as follow. (Select Control from Parameter source drop down list and Select GridView1 form ControlID drop down list.

Command and Parameter Editor

SELECT command:

SELECT * FROM [Members] WHERE ID=@ID

Refresh Parameters

Query Builder...

Parameters:

Name	Value
ID	GridView1.SelectedValue

Add Parameter

Parameter source:

Control

ControlID:

GridView1

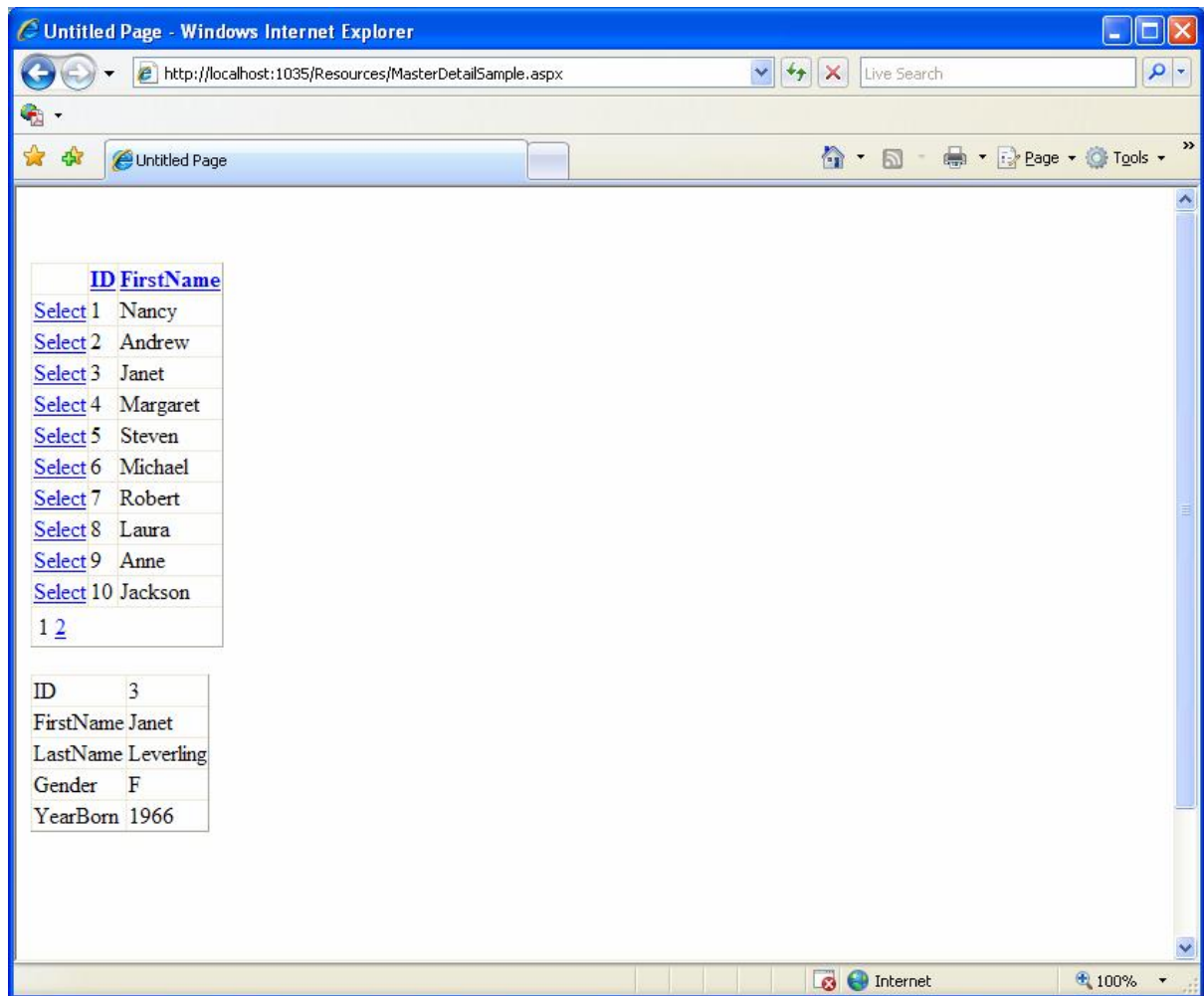
DefaultValue:

Show advanced properties

OK Cancel

23. Click the OK button and return to the web form.

24. Finally, open this page in the Web browser. It will look like figure below.

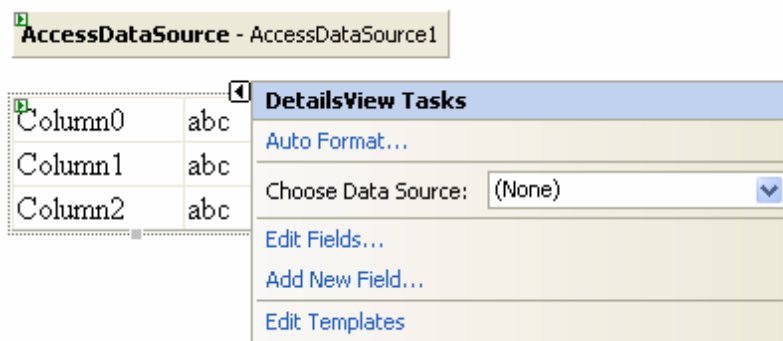


Displaying, Editing, Deleting and Adding a Record using DetailView

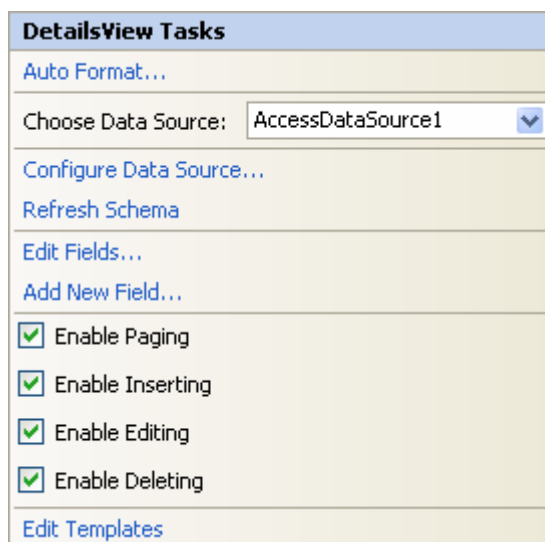
- § The DetailsView is ideal for showing a single record at a time, in a table that has one row per field. The DetailsView also supports editing.

Follow these steps:

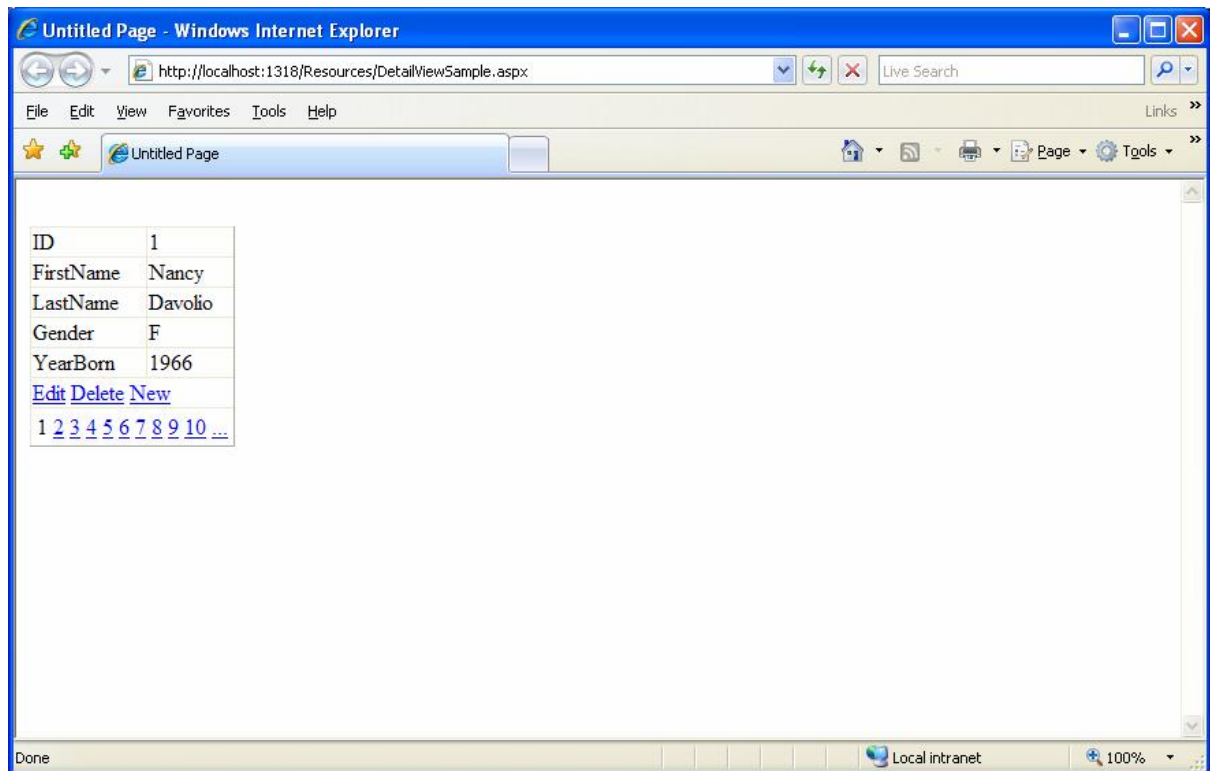
1. Create a new Web Form and call the DetailViewSample.aspx.
2. Redo the Step 2 until Step 16 in the above section to add a AccessDataSource to your form.
3. Drop a DetailView control on your form; expand its Smart Tag by clicking the little arrow in the upper-right corner, as shown in figure below.



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.

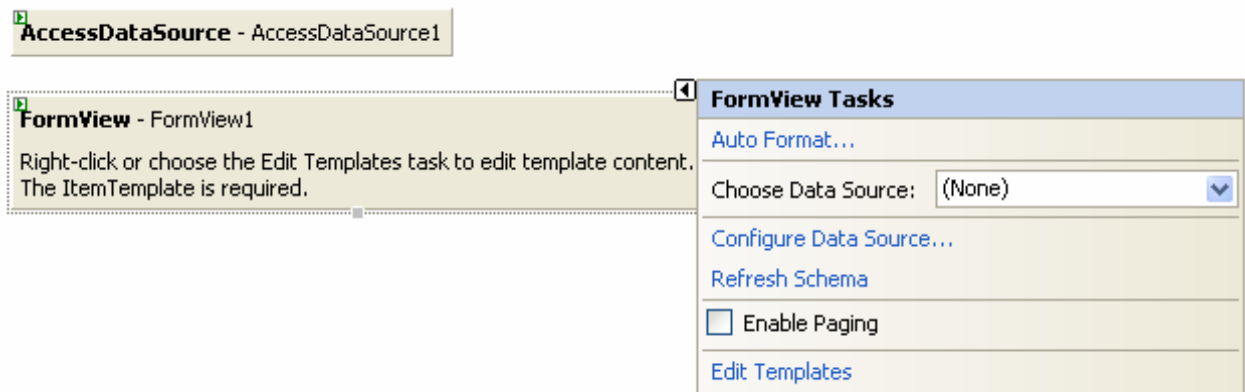


Displaying, Editing, Deleting and Adding a Record using FormView

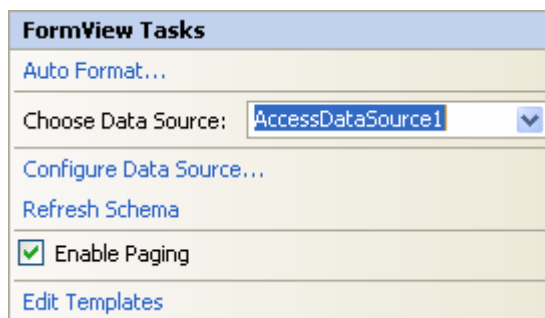
- § Like the DetailsView, the FormView shows a single record at a time and supports editing. The difference is that the FormView is based on templates, which allow you to combine fields in a much more flexible layout that doesn't need to be table-based.

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.

