

Creating the administrative site

Creating a customer-facing site is important and not too difficult, but what do you do to add records to the database? For example, when there is a price increase, how do you change that? If a band's album stops selling, what do you do to take it out of your catalog? If you were doing your site as static pages, you could hire a production artist, or modify all the pages that use that information yourself every time the information changes.

Neither is a good option.

What you want to do is create a way to access the data on your site from behind your firewall that accesses the same database. Or, you need to create a private password-protected part of the site that you can use to administer the data through a browser. Since creating a password protected site is beyond the scope of what you are going to learn here, you are going to create a new set of pages in the same site that will allow you to change the data in the database.

In the real world, you would never externally publish pages that would allow someone to administer the site. This example is for you to learn how to make pages to edit.

Creating the admincatalog page

Since you need to be able to see the data much the same way as the end user of the site, a great place to start your admin site is to copy the catalog.php page and save it as **admincatalog.php**.

1. Make sure you are working on the new **admincatalog.php** page.
2. Put your cursor in the price column, and right click to get the context menu.
3. From the context menu, select Table > Insert Rows or Columns, and insert one column after the current column.
4. Place your cursor in the last cell of the second row after the price for the first album. Type "**edit**".
5. Select the word "**edit**" that you just added in the table. In the Property inspector, click the folder icon to the right of the Link drop down

6. In the File Name of the Link dialog box, type "adminedit.php". You are going to create that file in a minute, but it does not exist now.
7. Click the Parameters button, type "AlbumID" in the name, tab to the value field. Instead of typing in a value, click the lightning bolt icon and select the "AlbumID" in the Catalog Recordset that comes up. Here, you are setting the link to pass the **AlbumID** as a URL variable to the adminedit.php page. There will be a Recordset on that page to catch the **AlbumID** and show only the data that matches that record.
8. Click OK to set the link.
9. Save your page.

Creating the edit record page

Now that you have the **admincatalog.php** built, you need to create the **adminedit.php** page.

1. Create a new page, and apply the recordstore_template to the page.
2. **Save the page as adminedit.php.**
3. Insert a Recordset from the Bindings panel. Select the Advanced dialog.
4. Either type the below SQL statement, or use the interface to create the following Recordset (It is the same as the one you entered on the detail page):

```
SELECT *  
FROM album, artist  
WHERE album.ArtistID = artist.ArtistID  
AND AlbumID = colname
```

This selects all the records from the Artist and the Album tables joined on the ArtistID column. This also sets a requirement for the AlbumID to equal the the AlbumID being passed in from the catalog.php.

This Recordset selects all the data from the Album and Artist tables. It joins the two tables on the ArtistID field. What is new here is that there is an addition of one more condition to the WHERE statement that tells the database to only find records where the value of the AlbumID field in the Album table is equal to the value passed in from the URL that you just added to the admincatalog.php file.

5. Click on the "+" button next to Parameters. You are going to set a single line of PHP that tells the query to get the value of the AlbumID that was passed to the page from the **catalog.php** page.

Set that up by adding a new parameter called colname with a default of 1 and a **Run-time Value of**

```
$HTTP_GET_VARS['AlbumID']
```

This Recordset selects all the data from two tables, Album and Artist. It joins the two tables on the ArtistID field. What is new here is that there is an addition of one more condition to the WHERE statement that tells the database to only find records where the value of the AlbumID field in the Album table is the same as the value passed in from the URL that you just added to the admincatalog.php file.

6. Name the Recordset "AdminEditRecordset" and click OK.
7. Insert a second Recordset. Call it ArtistRecordset and add the following SQL statement:

```
SELECT *  
FROM Artist
```

You are going to use this to populate a pop up menu.

8. Place your cursor in the **Main Area Content Area**, delete the place holder text, and select **Insert > Application Objects > Record Update Form**. Fill out the Record Update Form dialog box with the following choices:

Record Update Form

Connection: conn1

Table to update: album

Select record from: AdminEditRecordset

Unique key column: AlbumID Numeric

After updating, go to: admincatalog.php

Form fields:

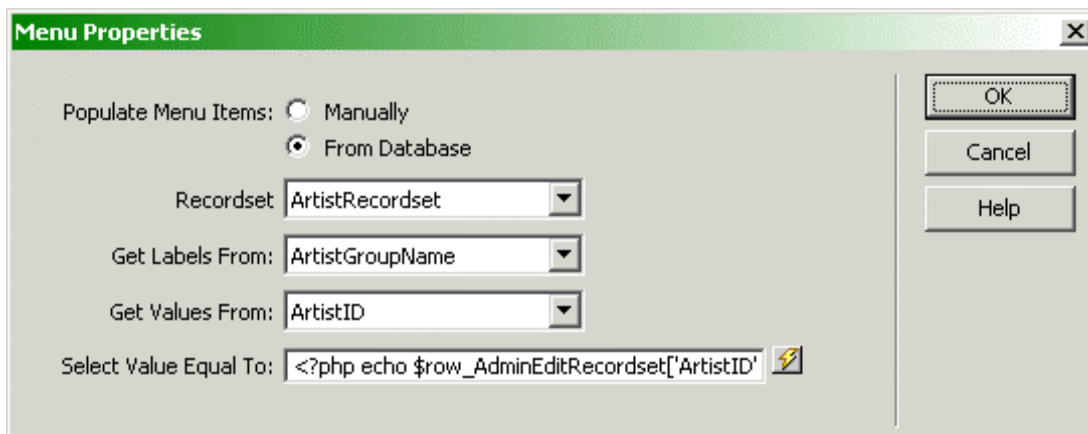
Column	Label	Display As	Submit As
AlbumName	AlbumName:	Text field	Text
ArtistID	ArtistID:	Menu	Numeric
AlbumPrice	AlbumPrice:	Text field	Numeric
AlbumNotes	AlbumNotes:	Text field	Text
AlbumCate...	AlbumCate...	Text field	Numeric

Label: ArtistID:

Display as: Menu Submit as: Numeric

9. Select Album from the **Table to Update**
10. Select **AdminEditRecordset** from the Select Record From pop up menu.

11. Select the Unique Key Column to be AlbumID, and insert as an integer by checking the Numeric checkbox.
12. Set the After Updating, Go To to admincatalog.php, so that you can see the changes you made.
13. Below the line, delete the AlbumAvailable field and you want to remove the AlbumID field. You don't want to insert the AlbumID because that is automatically generated by the database. Remove the AlbumAvaliable field, since we are not using that in this tutorial.
14. Select the ArtistID form field in the Form Field area of the dialog box. You are going to change this so that it displays as a menu and not as a text area.
15. Select Menu from the Display As: pop up menu.
16. Click the Menu Properties... button.



17. Select the From Database radio button to populate the menu items from a database and select the ArtistRecordset as the Recordset. You want to select that one, because you want to get all the names for all the bands in the pop up menu not just the name of the selected band... It would be useless to have a pop up with only one choice.
18. Set **Get Labels From** to ArtistGroupName.
19. Set Get Values From to ArtistID.
20. Set Select Value Equal To field to ArtistID, which you do by clicking the small lightning bolt at the end of the field.
21. Click OK.
22. Click OK again to OK the Record Update Form.
23. Save your file.

Check your work:

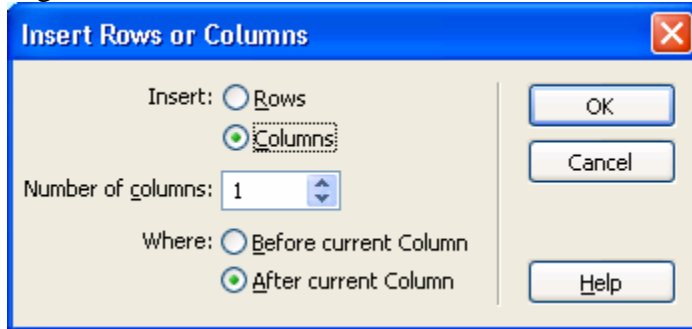
- Start your browser (Internet Explorer)
- Visit your admincatalog.php:

Example: <http://www.maxtips.com/dw/3/admincatalog.php>

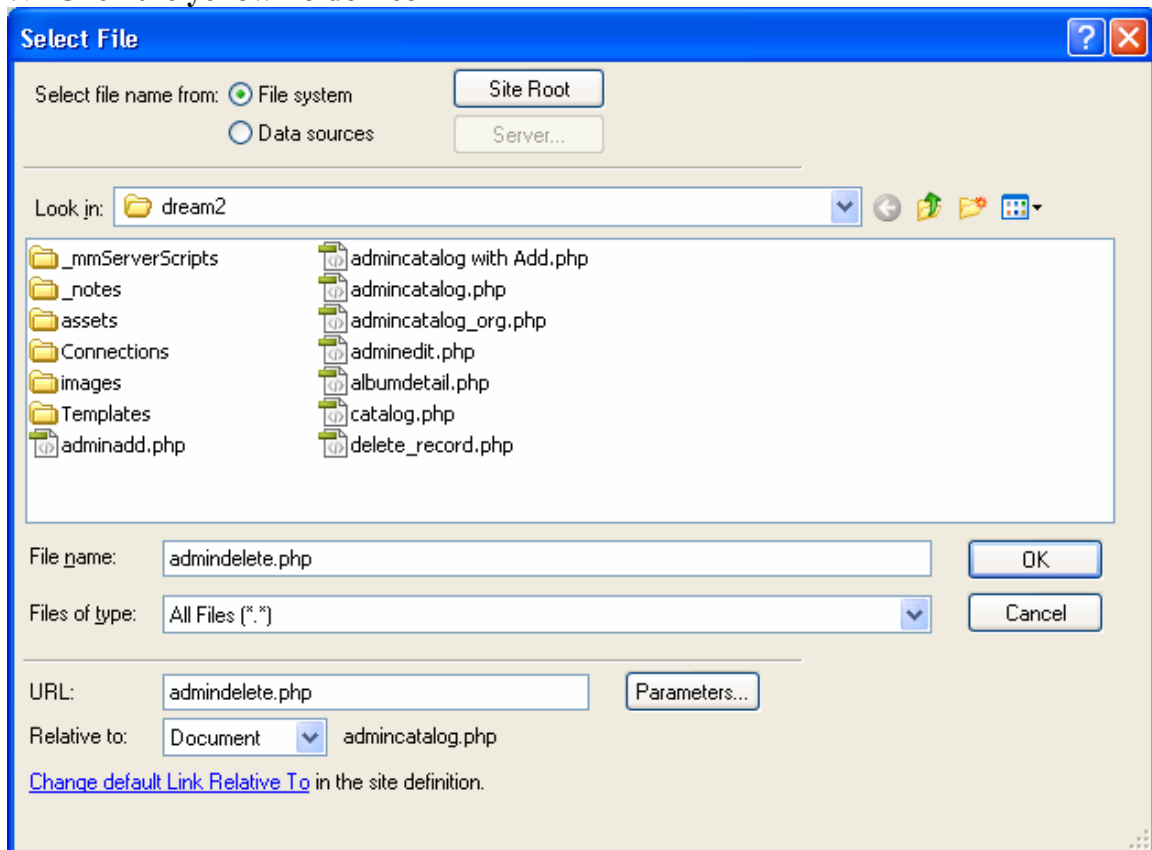
Add delete link to admincatalog page

This is how to delete a record in your database by creating backend interface for your clients.

1. Open **admincatalog.php**
2. Leave your cursor in the **edit** column
3. Right-click in the edit column, then choose **Table > Insert Rows or Columns**

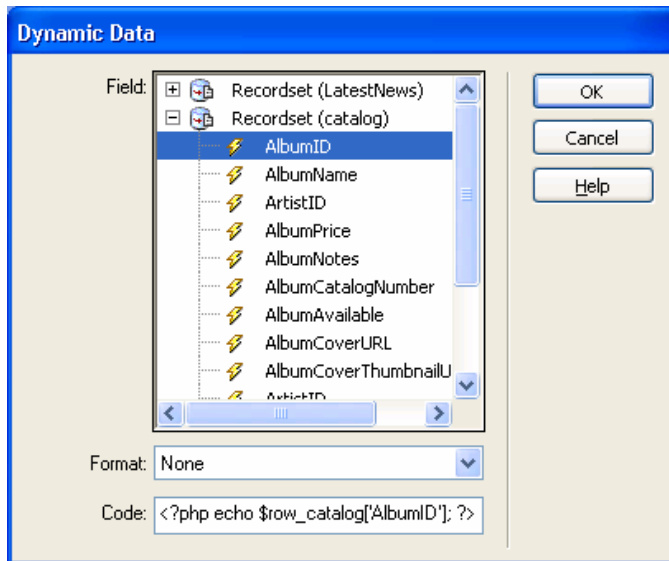


4. In the 2nd row of the new column, type: delete
5. Highlight delete and go to the Properties Panel
6. In the Link box type: **admindelete.php**
7. **Click the yellow Folder icon**



Click Parameters button

8. **From the Recordset (catalog), choose AlbumID**



9. Click OK.
10. Click File, Save.
11. Upload **admincatalog.php**
12. Click File, Close.

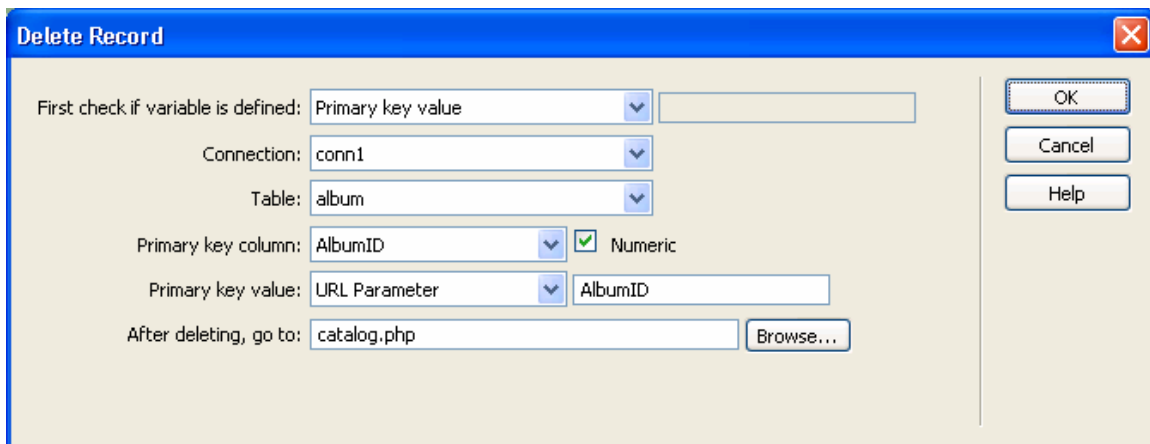
Create admindelete.php Page

1. Create a new file from the template
2. File, Save As
3. Type: **admindelete.php**
4. Click in the **Main Area Content**, and delete the placeholder text .

On the right go to the Server behaviors, and choose **Delete Record**

If you're using **CS3**, from the insert bar, click the Data tab,

then click **Delete Record** button. Fill out the form with the following choices.



5. Click OK.
 6. Click File, Save.
 7. Upload admindelete.php
 8. Click File, Close.
-






Let's delete a record:

1. Start your browser
 2. Go to your admincatalog.php
Example:
<http://www.maxtips.com/dw/3/admincatalog.php>
 3. Go to the last record
Album: The Road less Traveled
 4. Click Delete to delete this record
 5. Your catalog.php appears without this record.
- Job well done.**

The screenshot shows the RecordStore website interface. At the top, there is a navigation menu with buttons for HOME, CATALOG, LOGIN, INFORMATION, and CONTACT. Below the menu, there are two main sections: 'Latest News' and 'Catalog'.

Latest News
2002-04-28
RecordStore hits the road!
Find RecordStore reps in your town. In your favorite CD shop. ON YOUR BLOCK. Come here the latest and meet the RecordStore Team

Catalog

Album	Artist	Style	Price
 Call out the Cavalry	Solo	Classical Guitar	22
 Eden In Atlantis	Solo	Classical Guitar	25
 Have you seen Tintin?	Yellow Lotus	Experimental	16
 MySQL Divas of 1999	KODJ	Rock	12
 The Helen Lundy Trio	Helen Lundy Trio	Rock	25

Create the Insert Record Page

This is how to add a record in your database by creating backend interface for your clients.

Part 1: Add a button to AdminCatalog.php

1. Open the **admincatalog.php** page if it is not already open.
2. Select the contents of the Sidebar Content and delete it.
3. From the Insert bar, Common Tab, click the image button
4. Choose **assets/b_addalbum.gif**, and click OK
5. Go to the Properties Panel, we need to make two changes
6. In the link box type: **adminadd.php** (this file doesn't exist yet)
7. In the border box, type 0 (zero)
8. Click **File, Save**.
9. Click **Put** to upload this file to the server.
10. Click File, Close.

Part 2: Create 2 recordsets

1. Create a new page from your template and save it as **adminadd.php**
2. Go to the **Binding Panel** and click + to Insert a new Recordset .
3. Select the Advanced dialog:

Name: AlbumRecordset
Connection: conn1
SQL : SELECT * FROM album

Click Ok.

4. Go to the **Binding Panel again** and click + to Insert another Recordset .
5. Select the Advanced dialog:

Name: ArtistRecordset
Connection: conn1
SQL : SELECT * FROM artist

Click Ok.

Part 3: Create Add Page

- Click in the **Main Area Content**, and delete the placeholder text from the main content area.
- Select **Insert > Application Objects > Record Insertion Wizard Form**.
If you're using CS3, from the insert bar, click the Data tab, then click Insert Record button > Insert Record Wizard.
Fill out the form with the following choices.

Record Insertion Form

Connection:

Table:

After inserting, go to:

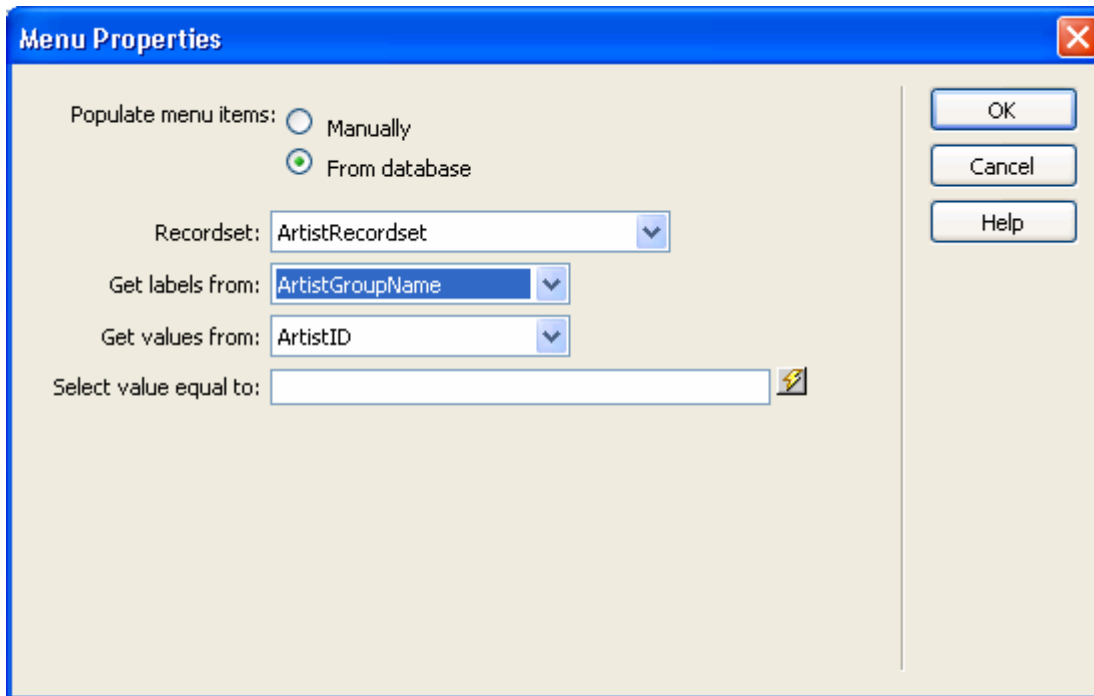
Form fields:

Column	Label	Display As	Submit As
AlbumName	AlbumName:	Text field	Text
ArtistID	ArtistID:	Menu	Numeric
AlbumPrice	AlbumPrice:	Text field	Numeric
AlbumNotes	AlbumNotes:	Text field	Text
AlbumCatalo...	AlbumCatalogN...	Text field	Numeric
AlbumAvailable	AlbumAvailable:	Text field	Numeric

Label:

Display as: Submit as:

- Set the After Inserting Go To destination to **admincatalog.php**
- In the Form fields area, leave all of the form fields except AlbumID, which the database is going to assign automatically and the AlbumAvailable, which we are not using in this tutorial.
- Select the ArtistID form field, set it to Menu, and click the Menu Properties... button.
- Set Populate From to From Database and select the ArtistRecordset.
- Set Get Labels From to ArtistGroupName.
- Set Get Values From to ArtistID.
- Leave the Select Value Equal To empty because there is no data being handed to the form to display.
- Click OK.



15. Click OK again to OK the Record Insertion Form.

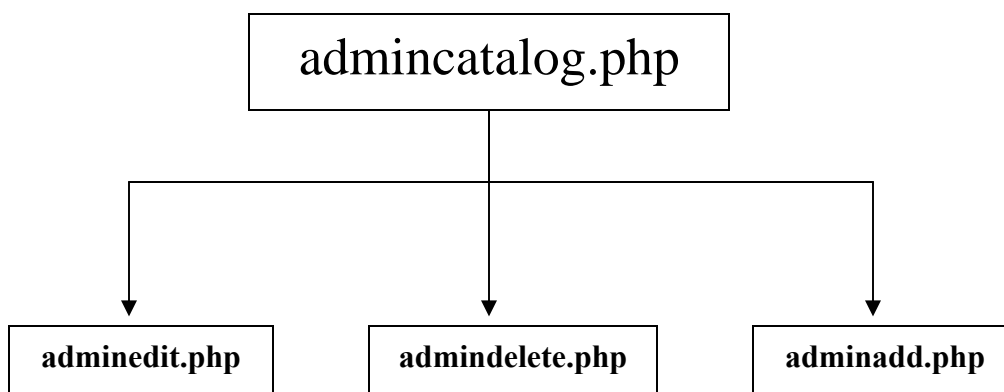
16. Click File, Save.

17. Upload your file (PUT)

18. Start your browser

19. Type the url to see your admincatalog.php

Example: <http://www.maxtips.com/dw/3/admincatalog.php>



Add A New Record:

1. Start your browser
2. Go to your `admincatalog.php`
Example: `http://www.maxtips.com/dw/3/admincatalog.php`
3. Click add record
4. Fill out the insert from as:

AlbumName:	<input type="text" value="The Road less Traveled"/>
ArtistID:	<input type="text" value="Jaenus"/> ▼
AlbumPrice:	<input type="text" value="55"/>
AlbumNotes:	<input type="text" value="Launching a dream"/>
AlbumCatalogNumber:	<input type="text" value="333"/>
AlbumAvailable:	<input type="text" value="2"/>
AlbumCoverURL:	<input type="text" value="assets/bands/JAENUS_cover.jpg"/>
AlbumCoverThumbnailURL:	<input type="text" value="assets/bands/JAENUS_thumbnail.jpg"/>
	<input type="button" value="Insert record"/>

AlbumCoverURL: `assets/bands/JAENUS_cover.jpg`

AlbumCoverThumbnailURL: `assets/bands/JAENUS_thumbnail.jpg`

* After typing all the data, click the **Insert record** button.

Admincatalog.php will appear with your new record.

Congratulations.