



eCart 4

Getting Started Guide

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Getting Started Guide

This document will guide you through the process of creating a fully functional shopping cart with eCart. Tutorials presented here assume a basic familiarity with creating and modifying web pages in Dreamweaver.

The basic tutorial is provided in two variations. Choose the one that is closest to the way you work:

- Database-driven shopping cart tutorial - Follow the steps in this tutorial if your catalog data is maintained in a database.
- Static product pages shopping cart tutorial - If you're working with separate product pages, this tutorial is for you.

Database-driven shopping cart tutorial

The following tutorial will help you get started using eCart in an online store that works with a product database. The tutorial is based on a fictional online store, Blue Sky Music.

If you're new to eCart, work through each section of the tutorial in sequence. As you become more experienced, feel free to reference individual sections as needed.

- Setting up the database-driven eCart sample
- Working with the eCart object
- Applying Add to Cart buttons to product pages
- Displaying the shopping cart contents
- Building a check out pages
- Next steps

Setting up the database-driven eCart sample

eCart comes with a custom, database-driven starting point for a sample eCommerce site, Blue Sky Music; the starting point includes example web site pages, and a data source. Before undertaking the tutorials, you'll need to set up your system with the starting point files. The complete set-up consists of these steps:

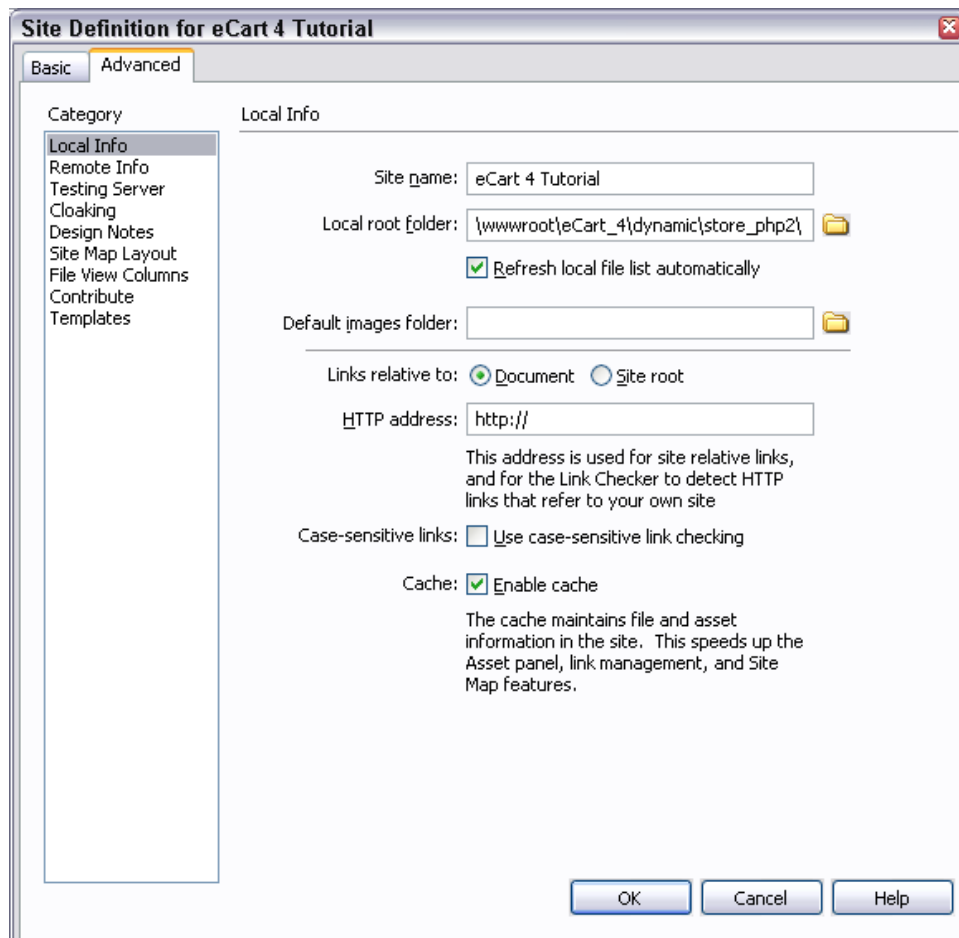
- Creating a Dreamweaver site
- Locating and copying the starting point files
- Establishing the data source for your server model

Creating a Dreamweaver site

You will need to set up a site in Dreamweaver before working on the starting point files. Use the eCart sample files as your local site root.

To configure your Dreamweaver site definition

1. In Dreamweaver, select *Site -> New Site* from the main menu. Click the Advanced tab.

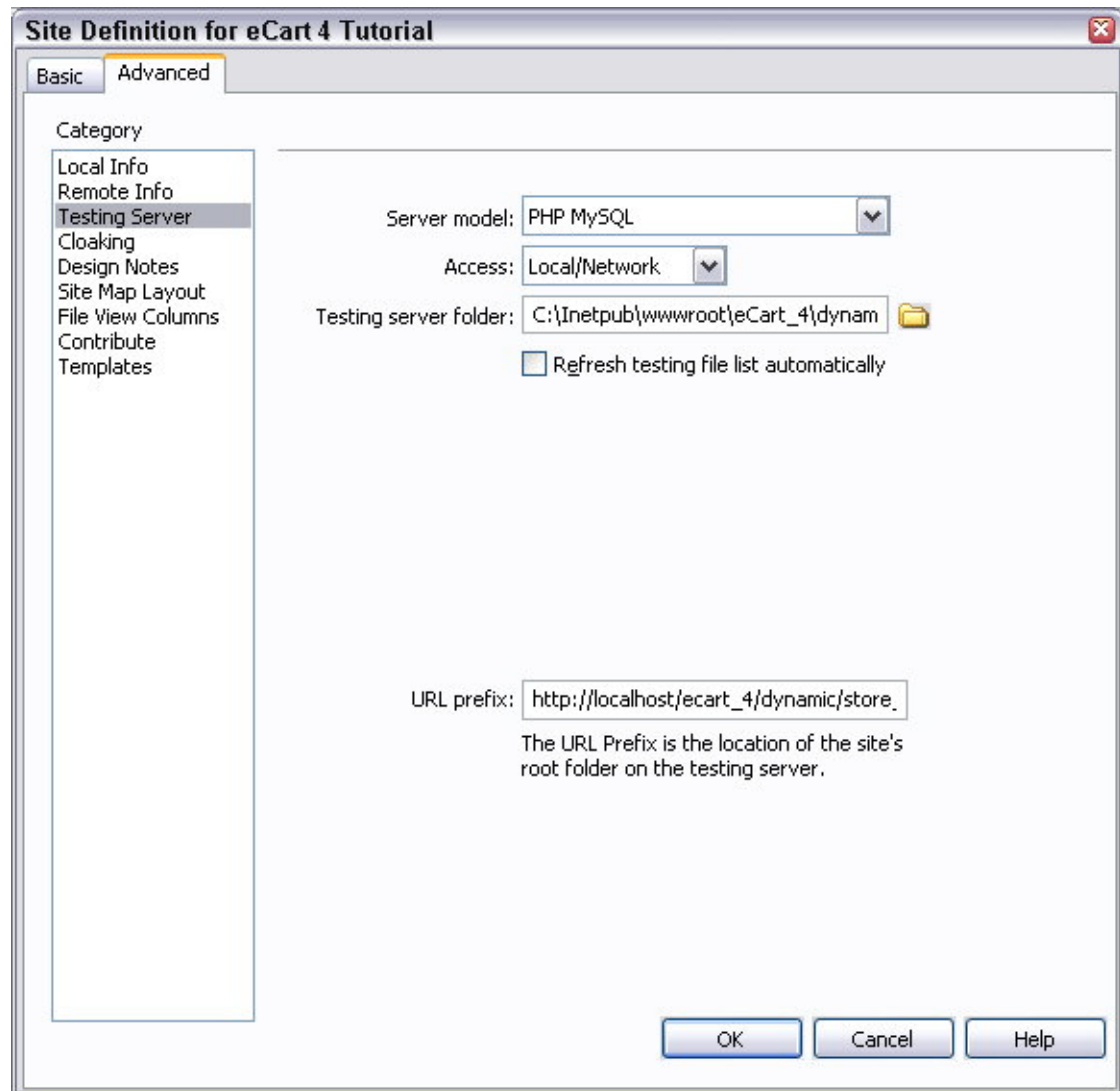


Fill out the following information to configure this section:

Site Name: eCart 4 Tutorial

Local Root Folder: specify the path to the local web server directory where you have copied the sample starting point files.

2. Select the Testing Server category.



The image shows a Windows-style dialog box titled "Site Definition for eCart 4 Tutorial". It has two tabs: "Basic" and "Advanced", with "Advanced" currently selected. On the left, there is a "Category" list with the following items: Local Info, Remote Info, Testing Server (which is highlighted), Cloaking, Design Notes, Site Map Layout, File View Columns, Contribute, and Templates. The main area of the dialog contains the following settings:

- Server model:** A dropdown menu set to "PHP MySQL".
- Access:** A dropdown menu set to "Local/Network".
- Testing server folder:** A text box containing "C:\Inetpub\wwwroot\ecart_4\dynam" followed by a folder icon.
- ☐ Refresh testing file list automatically
- URL prefix:** A text box containing "http://localhost/ecart_4/dynamic/store_". Below this text box is a note: "The URL Prefix is the location of the site's root folder on the testing server."

At the bottom right of the dialog are three buttons: "OK", "Cancel", and "Help".

Fill out the following information to configure this section:

Server Model: Set to appropriate server language for the samples you are using.

Access: Set how you will have access to your staging server location. If your local machine has a development web server, use

Local/Network. Otherwise, you will have to use FTP to transfer your files to an appropriate remote server.

Testing Server Folder: specify the staging location of the site. This can be either your local web server directory or a remote directory, depending on your particular setup.

URL Prefix: Specify the URL to use when browsing these files.

3. Click OK to close your site definition.

Locating and copying the starting point files

The starting point and completed files for this Getting Started Guide are available for download from your Download Center.

<http://www.webassist.com/go/downloads>

Locate the eCart option in your Download Center to retrieve all the provided support files. Multiple .zip files are provided for each different server model. Choose the server model you prefer to work with.

Copy Sample Files

Copy the support files folders to your local web server directory or testing server.

If using a local testing server, the following paths are used by default.

Windows

- C:\inetpub\wwwroot\

Macintosh

- Hard Drive:Users:*your_user_name*:Sites

Establishing the data source for your server model

Example pages require example data and this tutorial comes complete with data sources for ASP, ColdFusion and PHP. The set up process is different for each server model and covered in the following sections:

- ASP (JavaScript and VBScript)
- ColdFusion
- PHP

ASP (JavaScript and VBScript)

An Access database is the primary data source used for the ASP applications in this tutorial. The database, blue_sky_music.mdb, is available for download through your Order History (see **Locating and copying the starting point files**). Copy the database to an easily accessible location on your system if you have not already done so.

Once the database is in a viable location, you'll need to assign a Data Source Name (DSN) to it. A DSN is basically an alias that allows various programs on your system to easily locate the database.

Microsoft has some very clear instructions on assigning a DSN in Windows:

- For Windows 2000, see Microsoft Knowledge Base Article 300596 at <http://support.microsoft.com/default.aspx?scid=kb;en-us;300596>
- For Windows XP, see Microsoft Knowledge Base Article 305599 at <http://support.microsoft.com/default.aspx?scid=kb;en-us;305599>

When assigning a name for the DSN, enter **Blue Sky Music**.

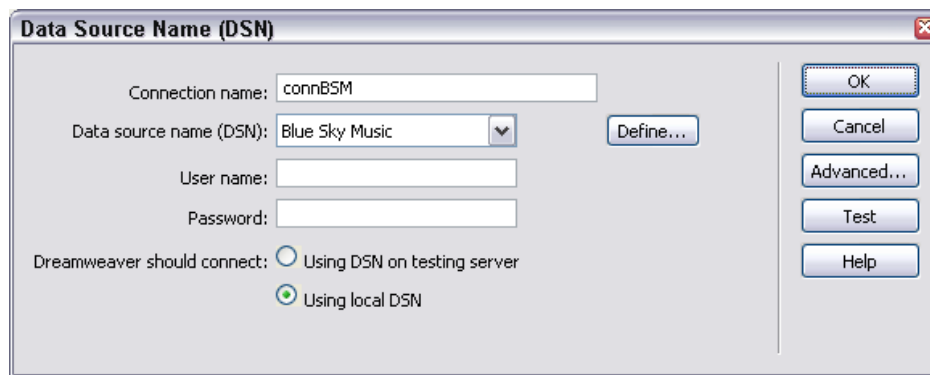
You can choose a different DSN name, but be sure to stay consistent throughout this Getting Started Guide.

Once the DSN has been created, you'll need to create a connection from your local site in Dreamweaver to the DSN.

To create a connection in ASP:

Note: The connBSM connection has already been created for you and is included in your sample files; the following steps are included to illustrate the process.

1. From the Dreamweaver Databases panel, choose Add (+) and select Data Source Name (DSN).
2. When the Data Source Name (DSN) dialog appears, enter **connBSM** in the Connection name field.
3. From the Data Source Name (DSN) list, choose **Blue Sky Data**.



4. Unless you added a user name and password when establishing the DSN, leave those fields blank.
5. Make sure the Using local DSN option is selected and press Test to verify the connection.
6. If the connection is not successful, verify your DSN selection and re-test; otherwise, click OK.

ColdFusion

An Access database is the primary data source used for the ASP applications in this tutorial. The database, blue_sky_music.mdb, is available for download through your Order History (see **Locating and copying the starting point files**). Copy the database to an easily accessible location on your system if you have not already done so.

Note: The following steps apply to both ColdFusion MX and ColdFusion 7.

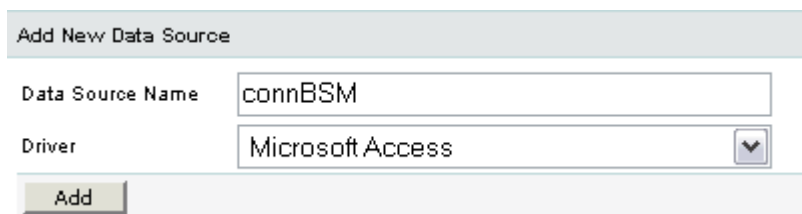
Once the database is in your desired location, you'll need to create a ColdFusion data source. ColdFusion users should begin by opening the

ColdFusion Administrator. You can do this in one of two ways. You can locate the ColdFusion Administrator application page on your system (i.e., Start > Programs > Adobe ColdFusion 7 > Administrator). Or, from within Dreamweaver, first open any ColdFusion page and then, from the Databases panel, choose the **Modify Data Sources** icon. Either path opens the Administrator in your browser.

To create a data source in ColdFusion Administrator:

1. After logging in with your Administrator password, select **Data Sources** under the Data & Services category.

In the Add New Data Source dialog, enter **connBSM** in the Data Source Name field.



The screenshot shows a dialog box titled "Add New Data Source". It has two input fields: "Data Source Name" with the text "connBSM" and "Driver" with a dropdown menu showing "Microsoft Access". At the bottom left is an "Add" button.

2. From the Drive list, choose **Microsoft Access**.
3. Select Add to confirm your choice.

A second dialog with options specific to Microsoft Access data sources is displayed next.

In the Microsoft Access Data Source dialog, enter the path to the data source file by selecting the Browse Server button next to the Database File field and choosing the copy of blue_sky_music.mdb from its current location.

Data & Services > Datasources > Microsoft Access

Microsoft Access : connBSM

CF Data Source Name: connBSM

Database File: C:\inetpub\wwwroot\eCart_4\datasources\blu

System Database File:

Use Default Username: ☒

ColdFusion Username:

ColdFusion Password: (16-character limit)

Description:

4. When you're done, click Submit to complete the operation.

Note: Unlike with ASP, no separate connection file is needed in ColdFusion.

Session variable configuration

In addition, ColdFusion sites that use eCart require support for session variables and have two requirements:

- a file named Application.cfm must be included at the root of your site and contain the following code:

```
<cfapplication name="eCart" sessionmanagement="Yes">
```

For your convenience, an Application.cfm file has been included in the sample site provided with eCart.

- Your ColdFusion Server must have session variables enabled. Log in to your ColdFusion Server Administrator and under *Server Settings*, click the *Memory Variables* link to navigate to that configuration section. Make sure that **Enable Session Variables** is checked, and click the *Submit Changes* button to update your settings. If you do not administrate your server or have it hosted elsewhere, please contact your hosting provider to confirm these settings.

PHP

The sample files for Dreamweaver include a SQL script capable of creating and populating a sample MySQL database.

Before starting, you will need access to your MySQL server instance. This should be installed on your local testing server.

For instructions on configuring your local machine to operate as a PHP/MySQL testing server, review the following How To.

http://webassist.com/go/technotes/web_dev_begin

To create the sample MySQL database:

Having downloaded the .SQL script file from your eCart Download Center, you will want to import this file into your MySQL server.

Follow this How To for importing the sample database file to your MySQL database.

http://webassist.com/go/howto/import_sql

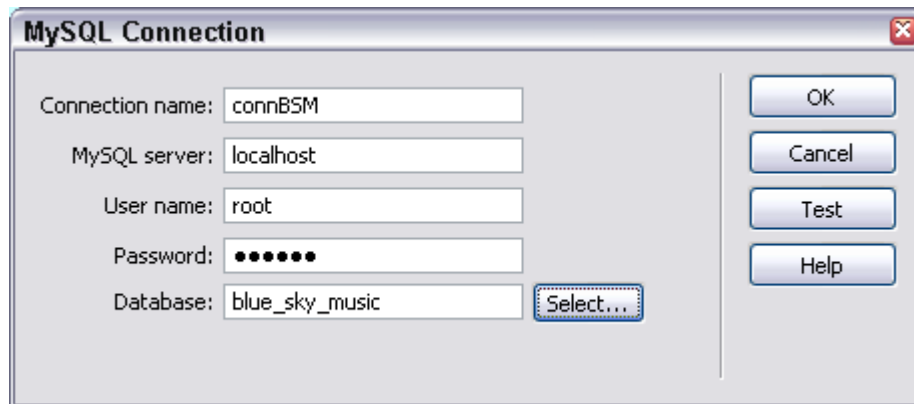
Note: When moving your eCart site to your live (Hosting Provider's) server, you will need to import your database to your live server as well.

To create a MySQL connection for PHP:

Note: The connBSM connection has already been created for you and is included in your sample files; the following steps are included to illustrate the process.

1. From the Dreamweaver Databases panel, choose Add (+) and select MySQL Connection
2. When the MySQL Connection dialog appears, enter **connBSM** in the Connection name field.

3. Enter **localhost** in the MySQL server field.



4. Enter the user name to gain root access (typically, **root**) and the associated password in the indicated fields.
5. Choose Select and from the Select Database dialog, choose **blue_sky_music**; click OK when you're done to close the Select Database dialog.
6. Press Test to verify the connection.
7. If the connection is not successful, verify your selections and re-test; otherwise, click OK.

Creating an eCart online store

With eCart, there are just four steps necessary for creating your online store:

1. Define an eCart Object.
2. Insert Add to Cart buttons.
3. Create shopping cart display with Display Manager.
4. Generate checkout pages with Checkout Wizard.

The eCart Toolbar

Whereas insert buttons for most WebAssist extensions can be found in the WebAssist category of the Insert toolbar, eCart comes bundled with so many features that it is allocated it's own category on the toolbar.



Working with the eCart object

The eCart object is the backbone of all the objects and server behaviors used by eCart. General cart attributes, such as currency or number format, are set in the eCart object, as are cart columns, calculations, and custom rules for charges, discounts, taxes and shipping.

The eCart object is defined once per site and added to any page before any other eCart functionality is applied. After an eCart object has been defined, the application of any eCart wizard or server behavior automatically inserts the needed eCart object.

Note: Previous users of eCart should take note of this behavior. In versions prior to eCart 4, users needed to manually add the eCart object to any page with any eCart functionality – this is no longer necessary.

Once inserted, you can modify the eCart object at any time. Any changes made are applied throughout the site. Let's take a brief tour of the eCart object.

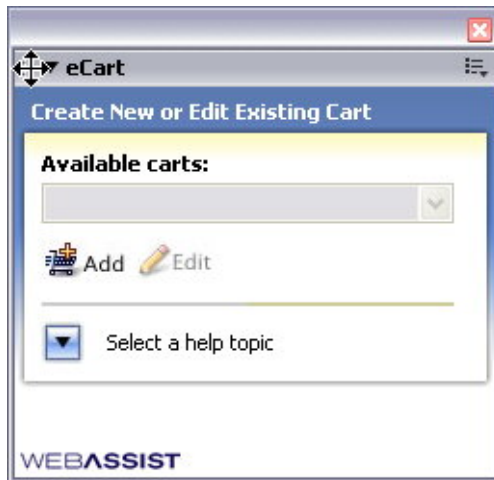
To insert a new eCart object:

1. In Dreamweaver, choose the eCart 4 Tutorial site from the Files panel list.
2. In the File panel, double-click on the **index** page for your server model (index.asp, index.cfm or index.php) to open it.
3. From the WebAssist > eCart category of the Insert bar, choose **eCart Object**, the first icon on the left.



The eCart object is represented by a custom Dreamweaver panel. Although you can work with the panel in its freely floating state, you'll probably find it easier to work with when docked.

4. Place your cursor over the gripper area of the eCart panel, located on the far left of the title bar; the cursor changes to a four-headed arrow when properly situated. Drag the panel to the integrated panel group and drop it when a thick black line appears below the Application panel group.



The first task is to create a new eCart object.

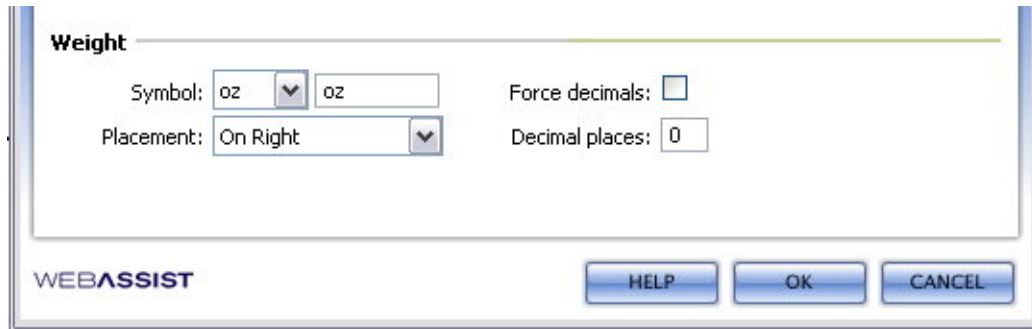
5. In the eCart panel, select **Add**. When the eCart Object dialog box appears, change the Cart name to BlueSkyCart and press Tab.

The screenshot shows the 'eCart Object' dialog box with the 'GENERAL' tab selected. The dialog has a title bar with a close button. Below the title bar are seven tabs: GENERAL, COLUMNS, CALCULATIONS, DISCOUNTS, CHARGES, TAX, and SHIPPING. The 'GENERAL' tab is active and contains three sections: 'Settings', 'Currency', and 'Weight'. In the 'Settings' section, 'Cart name' is 'BlueSkyCart', 'Store in' is 'Session' (with an 'Edit' icon), 'Language' is 'English', and 'Number format' is '10,000.00'. The 'Currency' section has 'Symbol' as '\$', 'Placement' as 'On Left', 'Force decimals' checked, and 'Decimal places' as '2'. The 'Weight' section has 'Symbol' as 'oz', 'Placement' as 'On Right', 'Force decimals' checked, and 'Decimal places' as '2'. At the bottom left is the 'WEBASSIST' logo, and at the bottom right are 'HELP', 'OK', and 'CANCEL' buttons.

| Section | Property | Value |
|----------|----------------|-------------------------------------|
| Settings | Cart name | BlueSkyCart |
| | Store in | Session |
| | Language | English |
| | Number format | 10,000.00 |
| Currency | Symbol | \$ |
| | Placement | On Left |
| | Force decimals | <input checked="" type="checkbox"/> |
| | Decimal places | 2 |
| Weight | Symbol | oz |
| | Placement | On Right |
| | Force decimals | <input checked="" type="checkbox"/> |
| | Decimal places | 2 |

The eCart Object dialog box is divided into seven tabs. The first tab, General, defines several key properties of data stored in the shopping cart, including how it is stored (session variable or cookie), the language used in the cart buttons, the general number format and the currency format used. Additionally, you can set the format for any weight-related data; in this next step we'll make sure that any items appearing in the shopping cart will be rounded down to the ounce by deselecting the Force Decimals option.

6. In the Weight area of the General tab, deselect the **Force Decimals** option and enter **0** in the Decimal Places field.



Weight

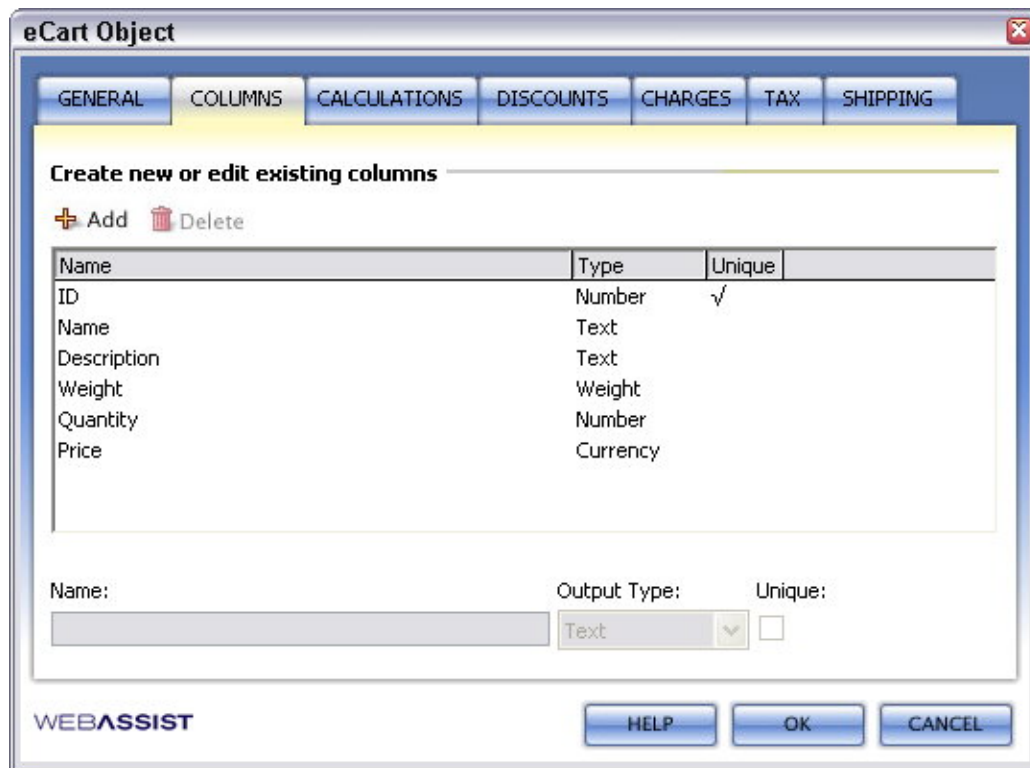
Symbol: Force decimals: ☐

Placement: Decimal places:

WEBASSIST

The next category of the eCart Object dialog box defines the data stored in the shopping cart columns.

7. Select the **Columns** tab. You'll notice six pre-defined columns. Additional columns can be added or removed as needed; the default columns, however cannot be deleted.



eCart Object

GENERAL COLUMNS CALCULATIONS DISCOUNTS CHARGES TAX SHIPPING

Create new or edit existing columns

+ Add - Delete

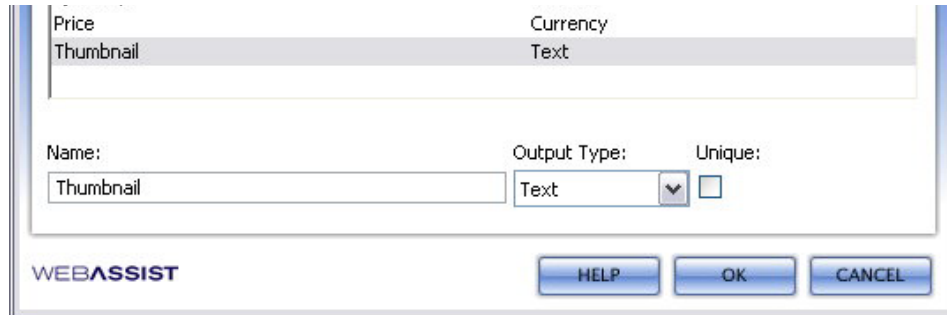
| Name | Type | Unique |
|-------------|----------|--------|
| ID | Number | ✓ |
| Name | Text | |
| Description | Text | |
| Weight | Weight | |
| Quantity | Number | |
| Price | Currency | |

Name: Output Type: Unique: ☐

WEBASSIST

Each column can be specified to be a particular type: Number, Integer, Text, Currency, Weight or Date. Columns where each record is unique are designated by a checkmark in the Key column. Let's add a column to hold a thumbnail image filename for any ordered item.

8. Click **Add**. A new entry, Column1, is added to the list.
9. In the Name field, change Column1 to **Thumbnail** and press Tab. Leave the Output Type as Text.

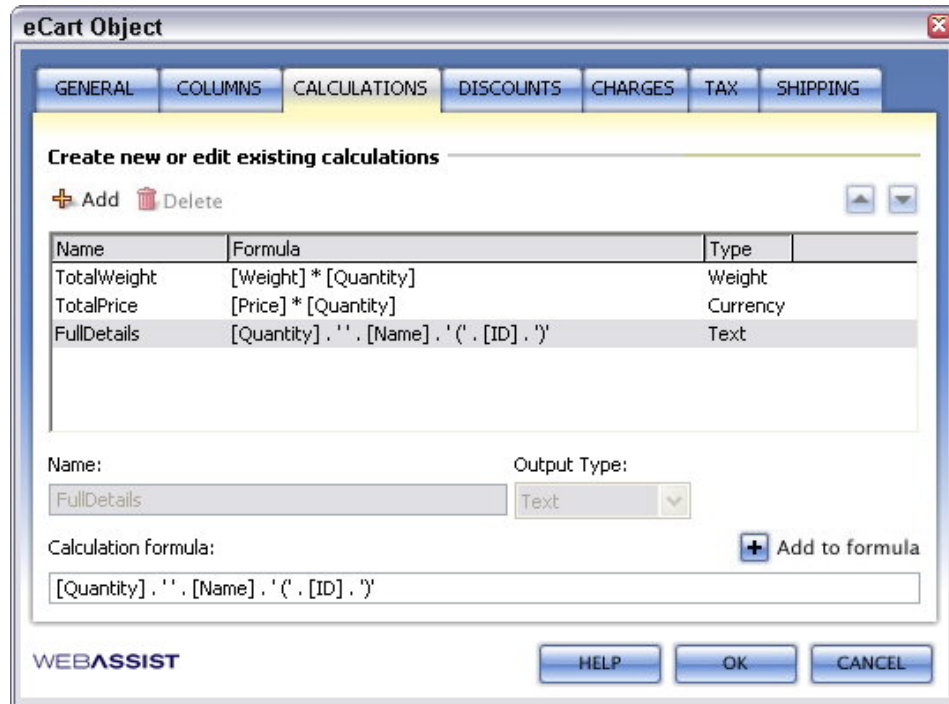


The screenshot shows a dialog box titled "WEBASSIST". At the top, there is a table with two columns: "Price" and "Currency". The "Price" column has a value of "Thumbnail" and the "Currency" column has a value of "Text". Below the table, there are three fields: "Name:" with a text box containing "Thumbnail", "Output Type:" with a dropdown menu set to "Text", and "Unique:" with an unchecked checkbox. At the bottom, there are three buttons: "HELP", "OK", and "CANCEL".

Note: Column names change automatically when Tab is pressed.

Columns with calculated data are listed on the third tab of the eCart Object dialog, Calculations.

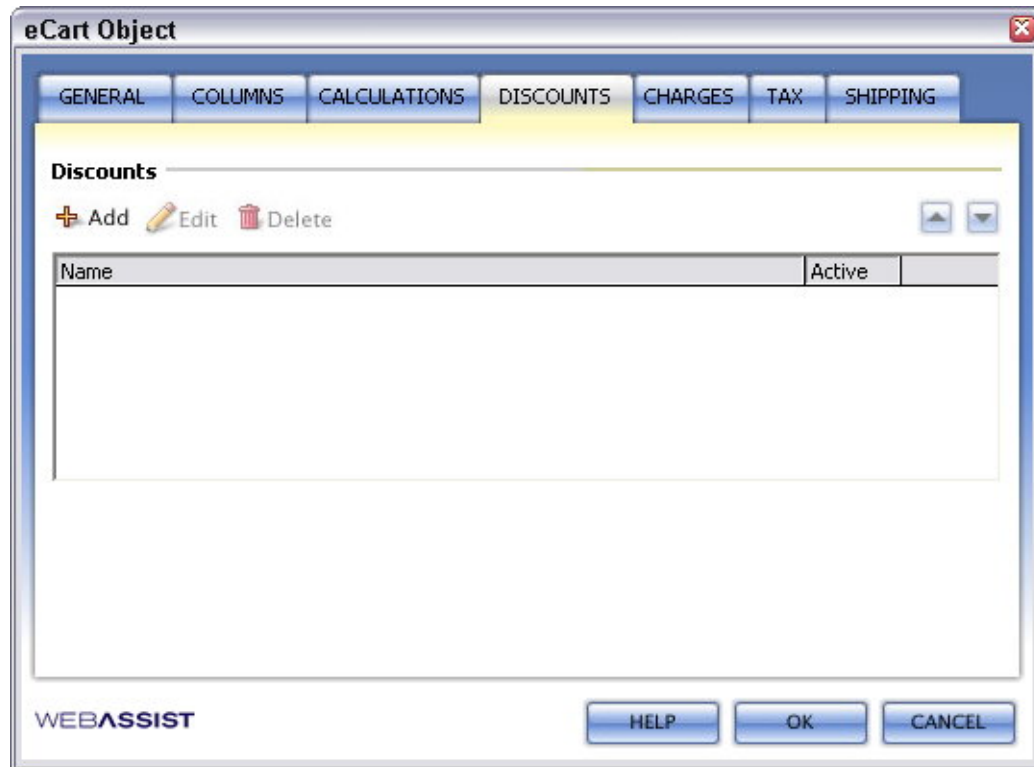
10. Select the Calculations tab. Three formulas have been created for you, TotalWeight, TotalPrice and FullDetails and are shown in the Calculations entry list.



As noted in the dialog itself, square brackets are required to use a column's value as part of a calculation. Calculated columns can also be used within formulas. For example, a simple shipping formula might set the variable ShippingCost equal to [TotalWeight] * .50 + 5.00; such a formula would set a base price of \$5.00 for shipping plus 50 cents for each ounce shipped. To reference the calculated field, the ShippingCost calculation would need to appear after TotalWeight in the Calculations entry list.

Let's leave the Calculations tab at its default setting and continue our exploration of the eCart object.

11. Click the Discounts tab.



The Discounts tab manages any merchandising rule that provides your customers with any type of discount. You could, for example, offer a discount of 15% off purchases over \$50. Let's create that discount rule now.

12. In the Discounts tab, click **Add**.

The eCart Merchandising Rule dialog box is displayed. Let's give our new rule a meaningful name.

13. In the Name field, enter **15% off over \$50** and press Tab. Make sure the Active option remains selected.

eCart Merchandising Rule

Settings

Name: Active: ☒

Triggers

+ Add - Delete

| Separator | Conditions |
|-----------|------------|
| | |

Separator: Condition:

Calculation

The Quantity of item plus

WEBASSIST

HELP OK CANCEL

The Active checkbox allows you to predefine any merchandising rule and then enable it quickly. You could, for example, set up a series of sales and then turn them on and off as desired.

Each merchandising rule has two parts: the *trigger* and the *calculation*. The trigger defines when the rule should be applied while the calculation describes what discount (or charge) is actually applied. Let's set up the trigger first.

14. In the Trigger area, click **Add**.
15. From the Condition list, choose **Subtotal for any Column**.

The desire here is to offer a discount whenever the items in the cart exceed \$50, so let's set the TotalPrice column accordingly.

16. From the column list, choose **TotalPrice** and from the operator list, choose **>=** (ColdFusion users, choose **GTE**). Finally, in the value field, enter **50** and press Tab.

Triggers

+ Add - Delete

| Separator | Conditions |
|-----------|------------------------------|
| | SubTotal of TotalPrice >= 50 |

Separator: Condition:

AND Subtotal for any column

If the subtotal of column TotalPrice is >= a value of 50

Next, let's define how much to discount.

17. From the Calculation list, choose **Based on multiple of column subtotal**.
18. From the column list, choose **TotalPrice** and in the **times** field, enter **0.15**. Leave the remaining settings at their default settings and click **OK** when you're done.

Calculation

Based on multiple of column subtotal

Subtotal of column TotalPrice times: 0.15 plus

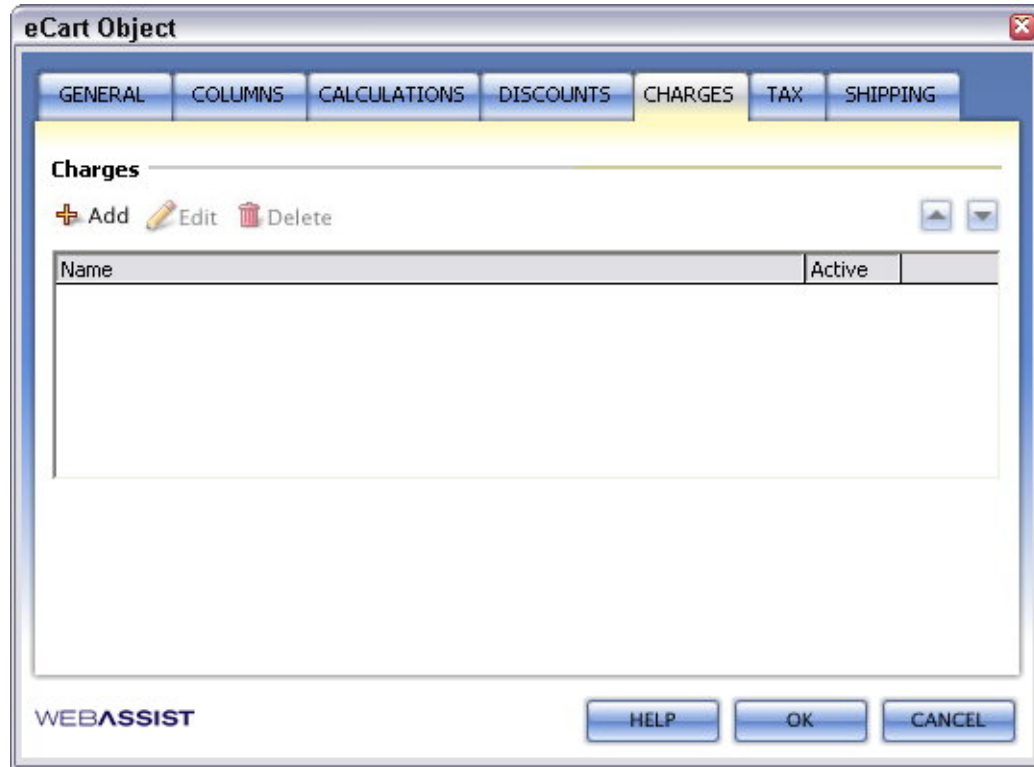
0

WEBASSIST

HELP OK CANCEL

Your new rule is added to the Discount tab; you can modify it by selecting it and clicking Edit at any time.

19. Click **Charges**.



Charges are defined in exactly the same way as discounts. Let's move to our two special charges: tax and shipping.

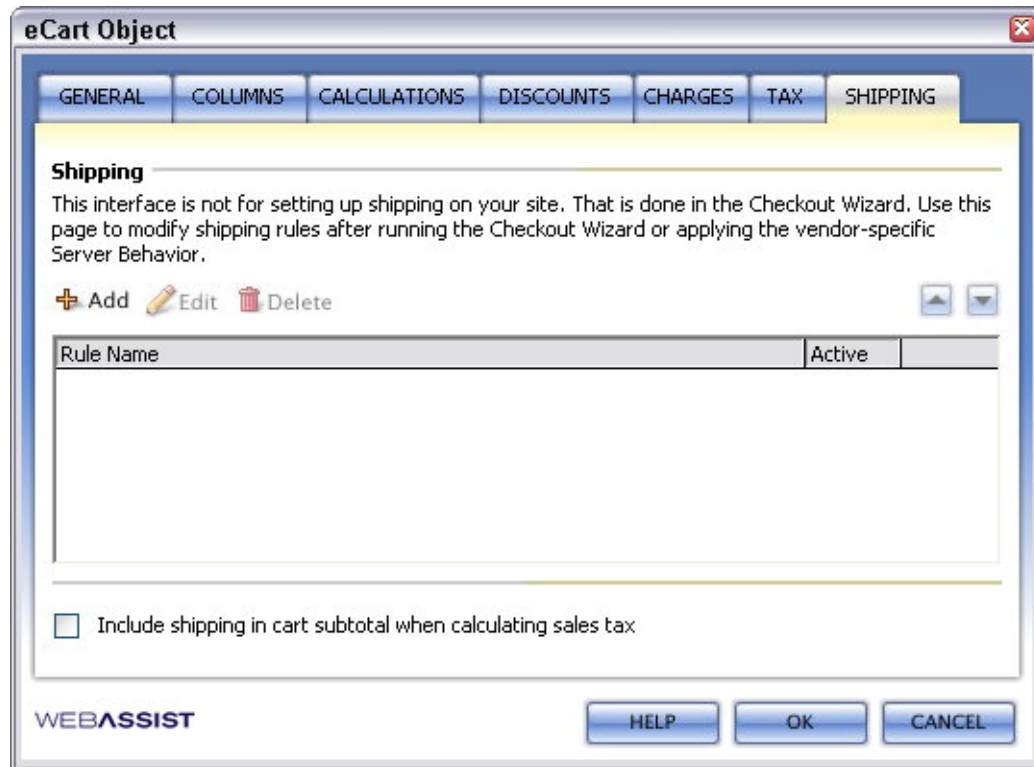
20. Click **Tax**.



The Tax tab of the eCart Object is best suited for creating more complex tax rules; a simple tax rule that applies to a single state or country can be easily generated in the Checkout Wizard, as you'll do later in this tutorial.

Note: If you do set up a tax rule in the Tax tab of the eCart Object, the Tax option does not appear in the Checkout Wizard.

21. Click **Shipping**.



The Shipping tab becomes useful after you've run the Checkout Wizard; any rules established during that process may be modified here.

22. When you're finished examining the eCart Object dialog, click **OK** to confirm your changes.

Now that your eCart object has been defined, you're ready to begin including Add to Cart buttons in your site.

Applying Add to Cart buttons to product pages

Add to Cart buttons are a prevalent feature of any online store. When a shopper clicks an Add to Cart button the associated item is added to their shopping cart. Typically, the shopper is then taken to a shopping cart page where they can view the entire cart, make any necessary changes and opt to continue shopping or check out.

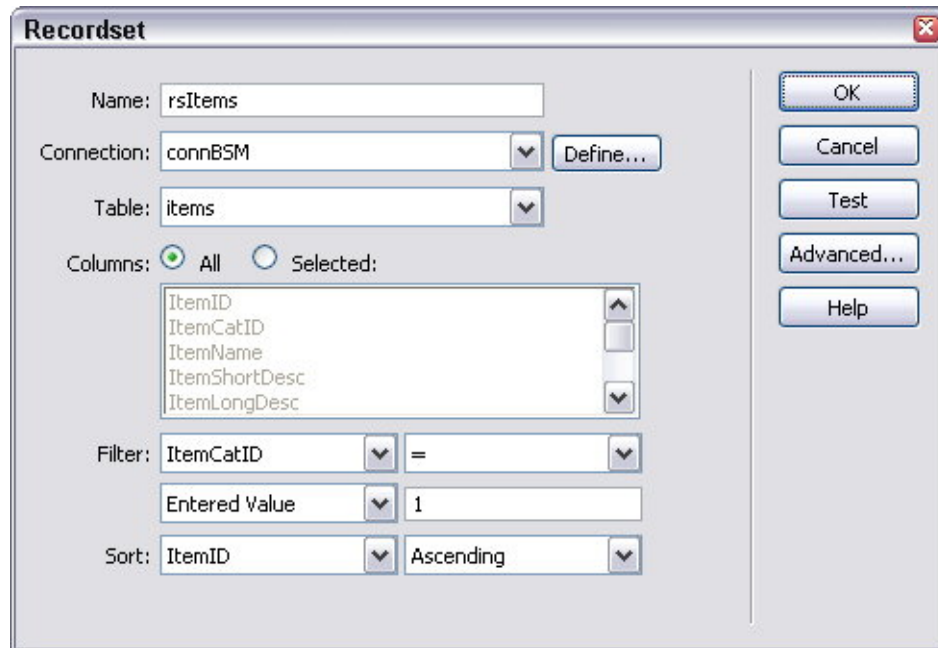
In this section of the tutorial, you'll insert Add to Cart buttons in both detail and catalog pages. The process, for both types of pages, is essentially the same. There are two key differences:

- First, the catalog page uses a Repeat Region server behavior surrounding the product information—and the Add to Cart button.
- Second, the recordsets for the pages are different: the detail page recordset is filtered by a URL parameter, ID while the recordset on the catalog pages is filtered by a database value, product category.

About the Catalog pages

There are two catalog pages in the Blue Sky Music sample store: music and gear. Each page is identical except for the recordset. Let's take a moment to explore them so you can better understand how catalogs are structured.

1. From the Files panel, open the **music** page for your server model (music.asp, music.cfm or music.php).
2. Choose **Window > Server Behaviors**.
3. In the Server Behaviors panel, double-click the **Recordset (rsItems)** entry.

The image shows a 'Recordset' dialog box with the following fields: 'Name' is 'rsItems'; 'Connection' is 'connBSM' with a 'Define...' button; 'Table' is 'items'; 'Columns' has 'All' selected; a list of columns includes 'ItemID', 'ItemCatID', 'ItemName', 'ItemShortDesc', and 'ItemLongDesc'; 'Filter' is 'ItemCatID' with an equals sign and a dropdown; 'Entered Value' is '1'; 'Sort' is 'ItemID' with 'Ascending' order. On the right are buttons for 'OK', 'Cancel', 'Test', 'Advanced...', and 'Help'.

The recordset connects to the previously established database connection, connBSM. The Items (items in PHP) table is selected and all columns included. The filter restricts records to those with an ItemCatID (category ID) of 1, which, in the ItemCategory table, corresponds to music.

4. Click **Test**.

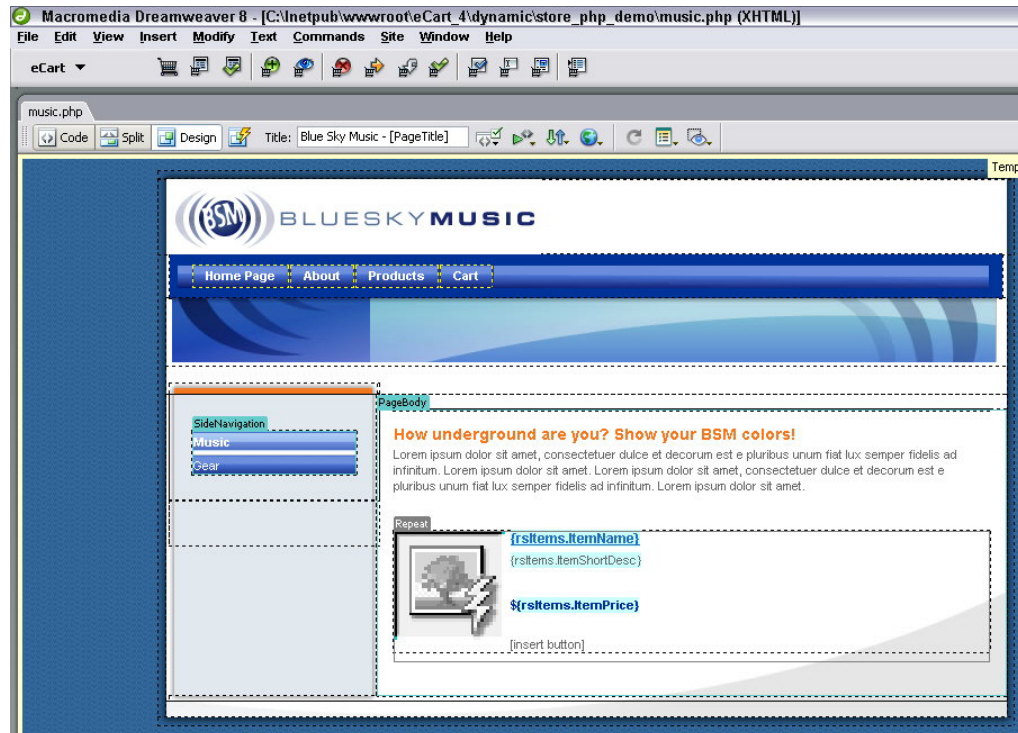
You'll note that only those music related items are displayed.

5. Click **OK** once to close the Test SQL Statement dialog and again to close the Recordset dialog box.

Feel free to open the gear page for your server model and repeat the above steps. You'll find that the only difference is that the filter is set to allow only those records where ItemCatID = 2, which, in the ItemCategory table, corresponds to gear.

To insert an Add to Cart button into a catalog page

1. In the Files panel, double-click the **music** page for your server model (music.php, music.asp or music.cfm).

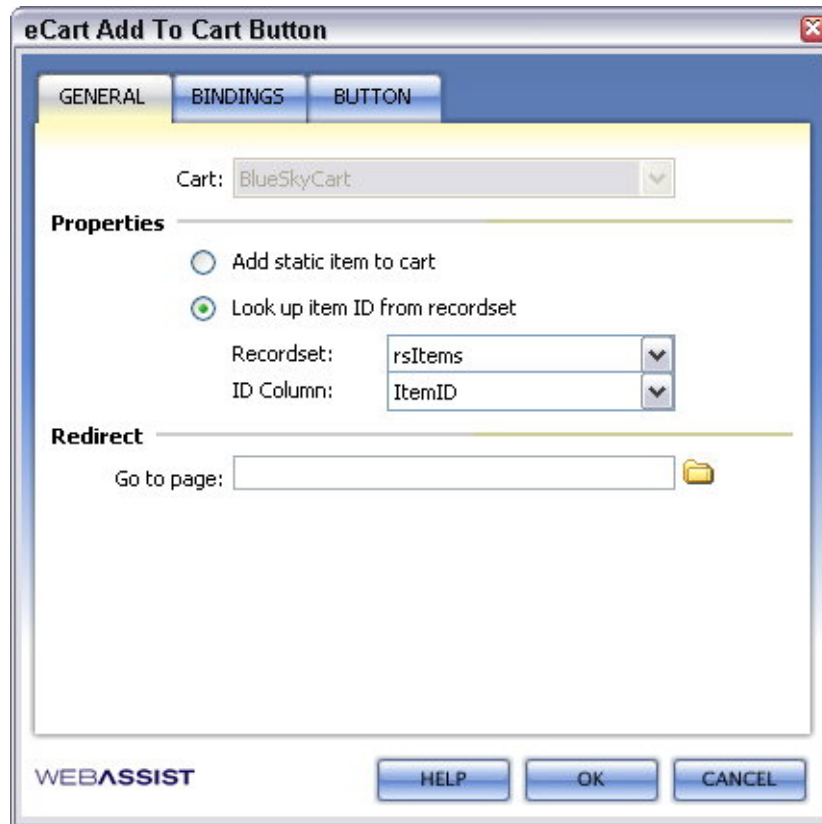


As noted earlier, the music page includes a recordset that selects just the music related products. Dynamic text has been bound to the page to display the item name, short description, and price

2. Select the placeholder text **[insert button]**.
3. Press **Delete** on your keyboard to remove this text.
4. From the eCart category of the Insert bar, choose **eCart Add to Cart Button**.



5. In the General tab of the Add to Cart Button dialog box, select the **Look up item ID from recordset** option. Leave the default choices in the Recordset and ID Column lists.



eCart identifies the primary key for the chosen recordset automatically, but gives you the flexibility to select another if necessary.

6. Click the **Go to page** folder icon and navigate to the **cart** page for your server model (cart.php, cart.asp or cart.cfm).
7. Click **OK**.
8. Choose the **Bindings** tab.

| Column | Default Value | Display As |
|-------------|------------------------------------|------------|
| ID | <?php echo \$row_rsItems["ItemI... | hidden |
| Name | | none |
| Description | | none |
| Weight | 0 | none |
| Quantity | 1 | text |
| Price | 0 | none |
| Thumbnail | | none |

Default value: <?php echo \$row_rsItems["ItemID"]; ?> ⚡

Updatable: ☒ as: hidden field ▼

If Item In Cart

Action: Sum ▼

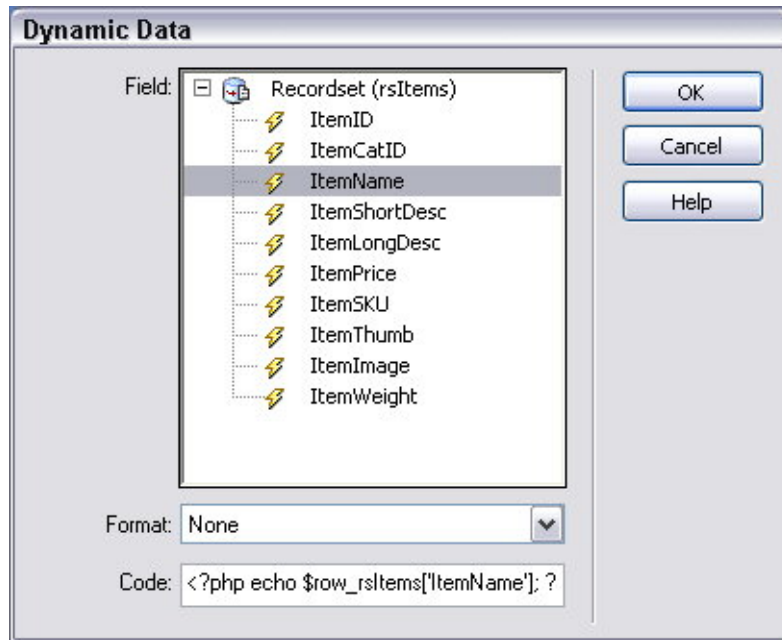
☐ Redirect:

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The Bindings tab is where you connect shopping cart columns to database columns or static data. The first shopping cart column, ID, has already been assigned based on the selection made on the General tab.

9. Select **Name** and choose the **Default value lightning bolt** to open the Dynamic Data dialog box. Expand the **Recordset (rsItems)** entry and select **ItemName**; click OK. When you return to the Bindings tab, click any other column to confirm your option.



The process is basically the same for the other shopping cart elements.

10. Bind the remaining shopping cart columns:

- Choose **Description**. Click the **lightning bolt** and select **ItemShortDesc**; click **OK**.
- Choose **Weight**. Click the **lightning bolt** and select **ItemWeight**; click **OK**.
- Leave **Quantity** at the default settings.
- Choose **Price**. Click the **lightning bolt** and select **ItemPrice**; click **OK**.
- Choose **Thumbnail**. Click the **lightning bolt** and select **ItemThumb**; click **OK**.

The screenshot shows the 'eCart Add To Cart Button' dialog box with the 'BINDINGS' tab selected. It contains a table of bindings for various product attributes, a 'Default value' field, an 'Updatable' checkbox, and an 'If Item In Cart' section.

| Column | Default Value | Display As |
|-------------|-------------------------------------|------------|
| ID | <?php echo \$row_rsItems["ItemI... | hidden |
| Name | <?php echo \$row_rsItems["ItemN... | none |
| Description | <?php echo \$row_rsItems["ItemS... | none |
| Weight | <?php echo \$row_rsItems["ItemW... | none |
| Quantity | 1 | text |
| Price | <?php echo \$row_rsItems["ItemPr... | none |
| Thumbnail | <?php echo \$row_rsItems["ItemT... | none |

Default value:

Updatable: ☒ as:

If Item In Cart

Action:

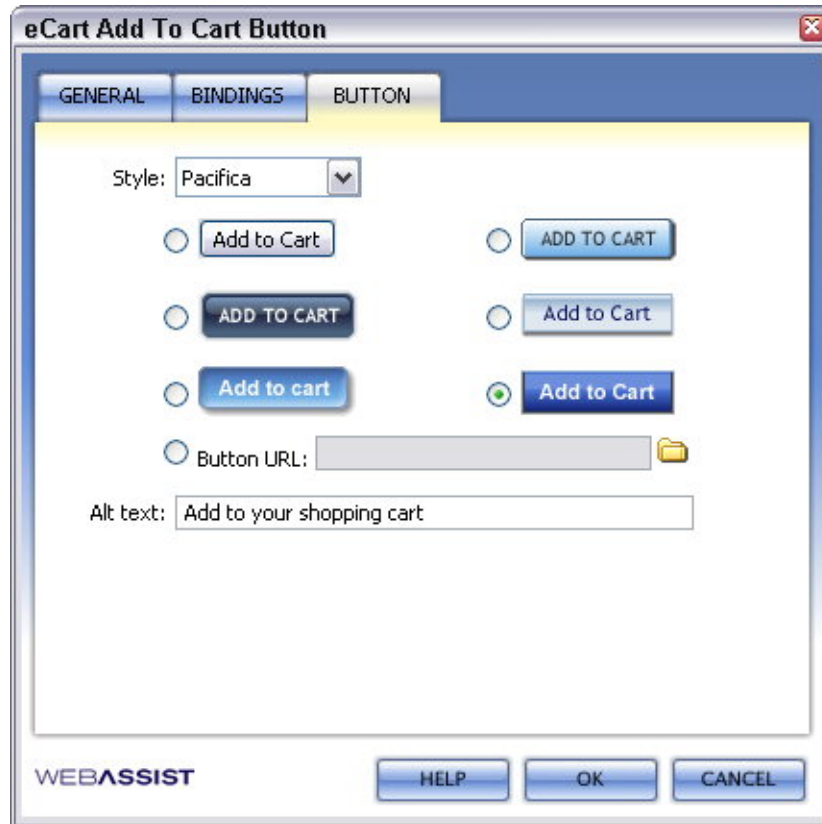
☐ Redirect:

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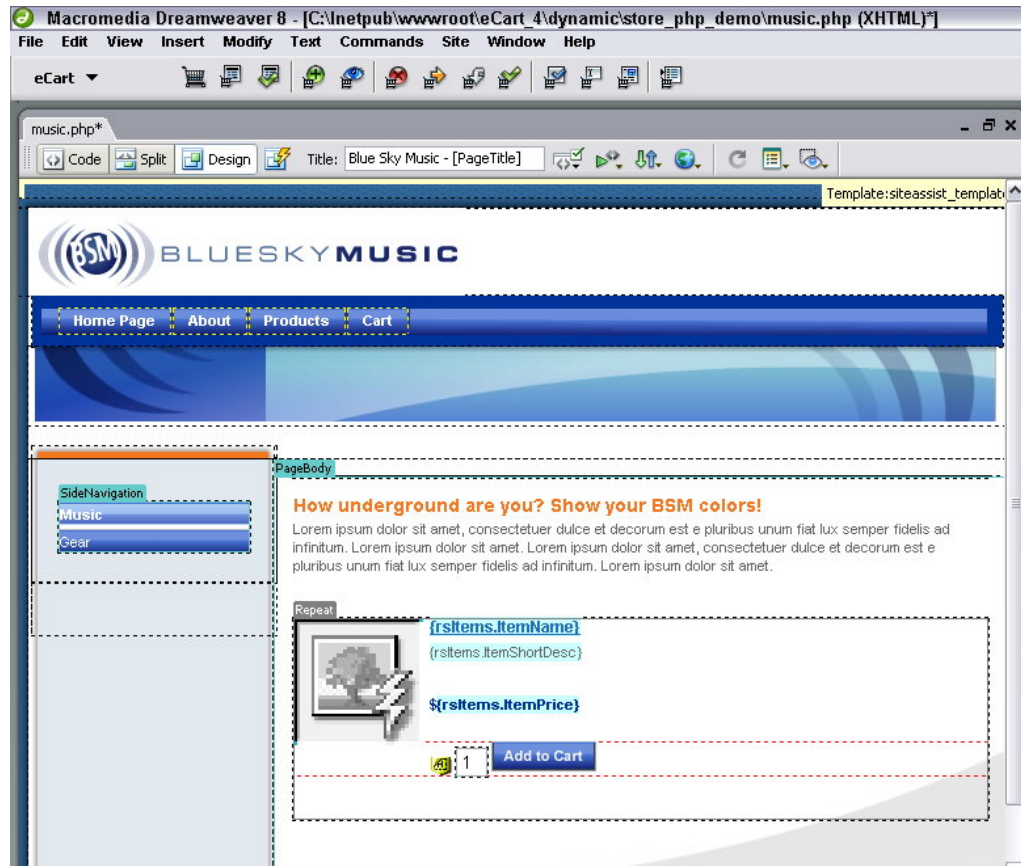
Note: If you select the Quantity option, you will notice the Updateable option is selected. This is done so that customers can determine the number of items to put in their cart. For most situations this is the only instance that you would want to make a binding updateable.

11. Leave the default values in the **If Item In Cart** area and switch to the **Button** tab.
12. In the Button tab, leave the Style at the current setting and choose the **last button in the right column**. In the Alt text field, enter **Add to your shopping cart** and press Tab. Click **OK** when you're done.



Note: If you don't like any of the button styles available, you can use your own: just select the Button URL option and enter the Web address to your button image.

Your Add to the Cart button is inserted into the page, with all the necessary server-side code.



13. Save your page.

The music page is complete and now your task is to insert the Add to Cart button in the gear catalog page.

14. From the Files panel, double-click on the **gear** page for your server model (gear.php, gear.asp or gear.cfm).
15. Repeat steps 2 – 11 of the previous exercise.

Styling Corrections

You'll notice that the field and button are misaligned. This unevenness is one of the results of using a CSS-based layout. The solution is to create a CSS class with a margin-bottom property, like this:

```
.alignField { margin-bottom: 7px; }
```

Note: The pixel value may vary depending on the image button selected.

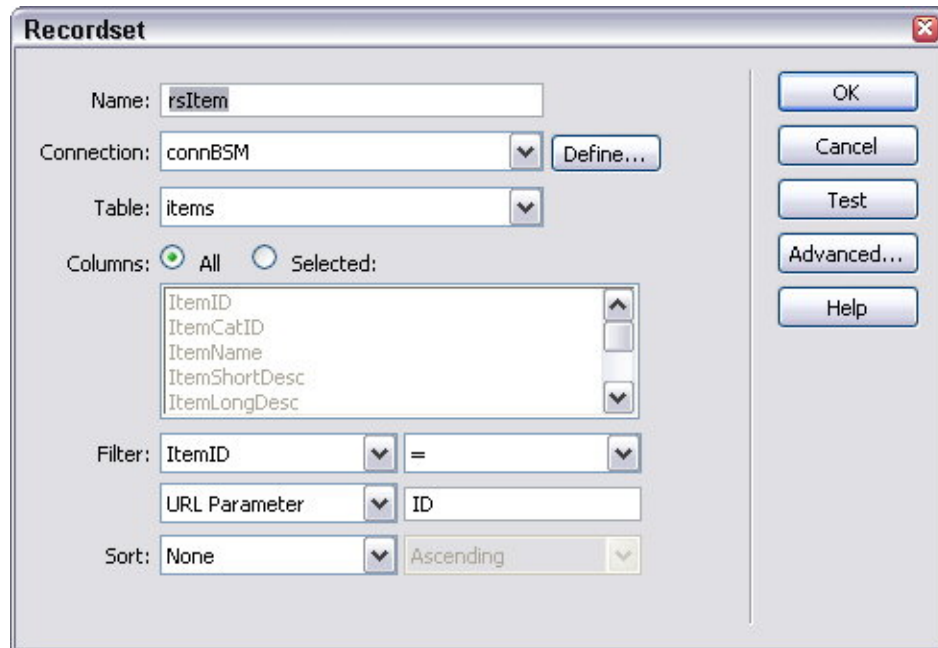
Once created, this class should be applied to the quantity text field. When previewed in Firefox, Safari or Opera browser, the field and button will align; however, you may notice a slight variation in Dreamweaver. Internet Explorer, on the other hand, needs a little special handling to compensate for the difference in rendering. The best way to handle Internet Explorer rendering issues is through conditional comments. Place the following in the head editable region:

```
<!--[if IE]>
<style>
    .alignField { margin-bottom: 5px; }
</style>
<![endif]-->
```

About the Detail page

As the name implies, a detail page provides information in greater depth than the catalog pages about a single item. In database driven sites, a single detail page can be used to display all the items. The key, of course, is the recordset—let's take a look to see how it's structured.

1. From the Files panel, open the **detail** page for your server model (detail.asp, detail.cfm or detail.php).
2. Choose **Window > Server Behaviors**.
3. In the Server Behaviors panel, double-click the **Recordset (rsItem)** entry.



As before, the recordset connects to the previously established database connection, connBSM. The Items (items in PHP) table is selected and all columns included. The filter restricts records to those with an ItemID that corresponds to the value passed by the URL parameter ID. Both the name and dynamic image on the Gear and Music catalog pages link to the detail page with the ID parameter.

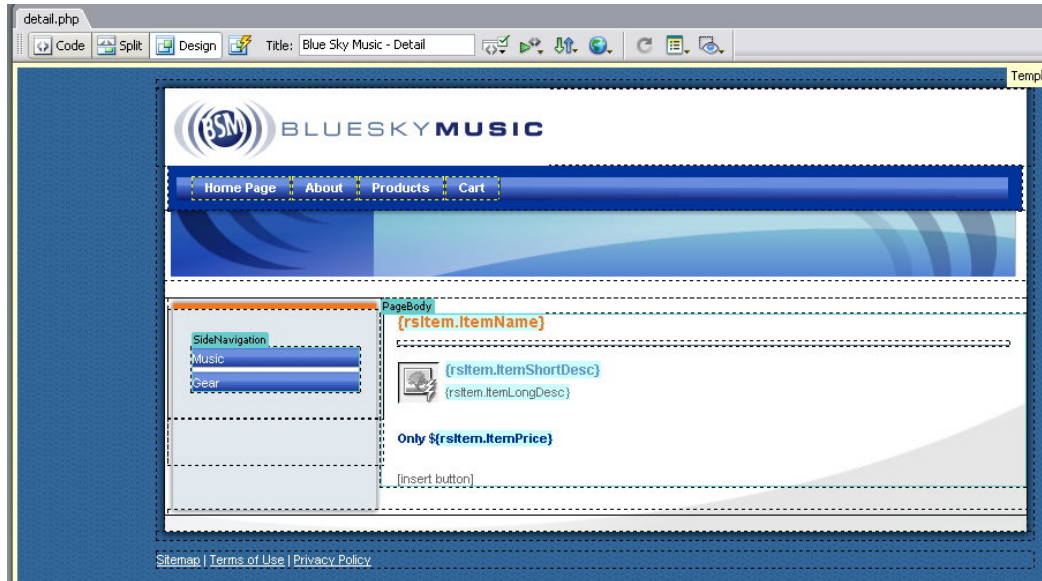
4. Click **Test**. When the Please Provide a Test Value dialog appears, enter a number between 1 and 11.

There are eleven records in the example database; enter a number to see the associated data.

5. Click **OK** once to close the Test SQL Statement dialog and again to close the Recordset dialog box.

To insert an Add to Cart button into a detail page

1. In the Files panel, double-click the **detail** page for your server model (detail.php, detail.asp or detail.cfm).

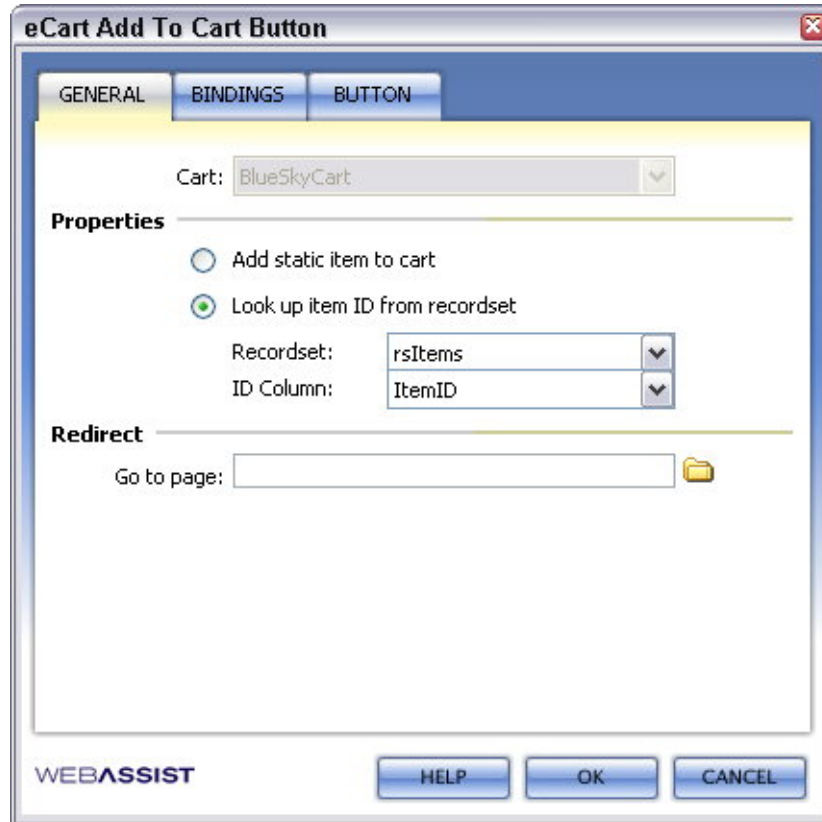


The detail page includes a recordset with the one record corresponding to the URL parameter, ID. Dynamic text has been bound to the page to display the item name, short description, long description, price and thumbnail.

2. Select the placeholder text **[insert button]**.
eCart will automatically replace the selected text with the object.
3. From the eCart category of the Insert bar, choose **eCart Add to Cart Button**.

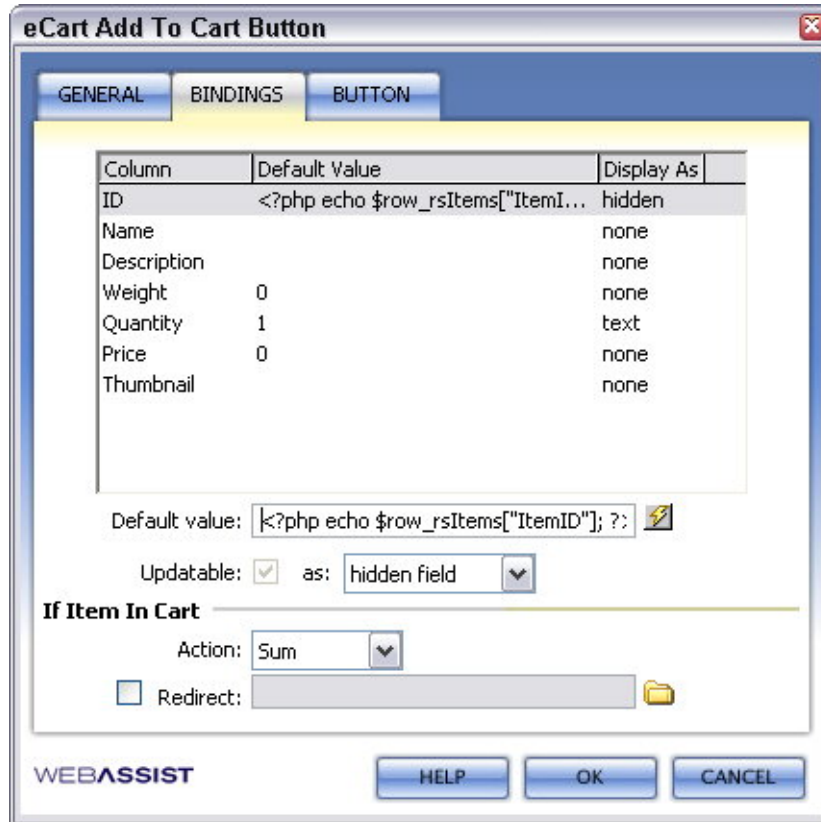


4. In the General tab of the Add to Cart Button dialog box, select the **Look up item ID from recordset** option. Leave the default choices in the Recordset and ID Column lists.



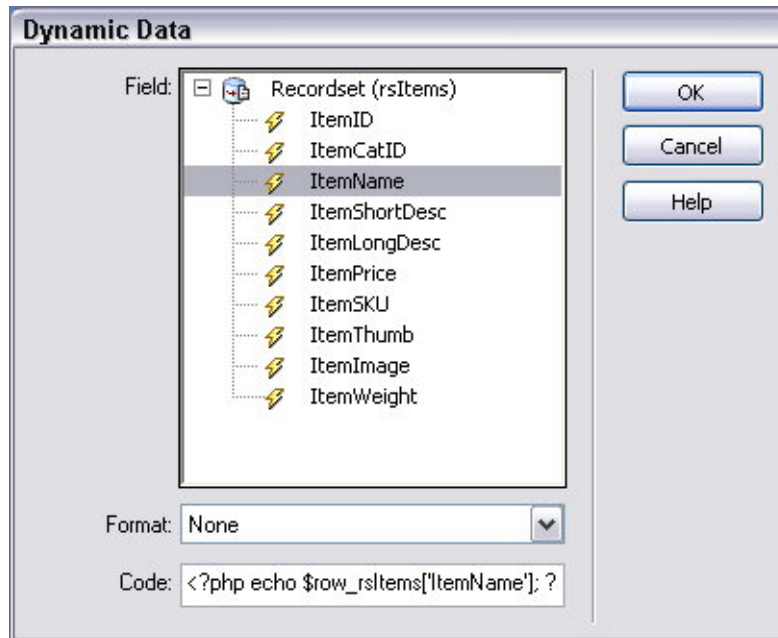
eCart identifies the primary key for the chosen recordset automatically, but gives you the flexibility to select another if necessary.

5. Click the **Go to page** folder icon and navigate to the **cart** page for your server model.
6. Click **Bindings**.



The Bindings tab is where you connect shopping cart columns to database columns or static data. The first shopping cart column, ID, has already been assigned based on the selection made on the General tab.

7. Select **Name** and choose the **Default value lightning bolt** to open the Dynamic Data dialog box. Expand the **Recordset (rsItems)** entry and select **ItemName**; click OK.



The process is basically the same for the other shopping cart elements.

8. Bind the remaining shopping cart columns:
 - Choose **Description**. Click the **lightning bolt** and select **ItemShortDesc**; click **OK**.
 - Choose **Weight**. Click the **lightning bolt** and select **ItemWeight**; click **OK**.
 - Leave **Quantity** at the default settings.
 - Choose **Price**. Click the **lightning bolt** and select **ItemPrice**; click **OK**.
 - Choose **Thumbnail**. Click the **lightning bolt** and select **ItemThumb**; click **OK**.

| Column | Default Value | Display As |
|-------------|-------------------------------------|------------|
| ID | <?php echo \$row_rsItems["ItemI... | hidden |
| Name | <?php echo \$row_rsItems["ItemN... | none |
| Description | <?php echo \$row_rsItems["ItemS... | none |
| Weight | <?php echo \$row_rsItems["ItemW... | none |
| Quantity | 1 | text |
| Price | <?php echo \$row_rsItems["ItemPr... | none |
| Thumbnail | <?php echo \$row_rsItems["ItemT... | none |

Default value: 1

Updatable: ☒ as: text field

If Item In Cart

Action: Sum

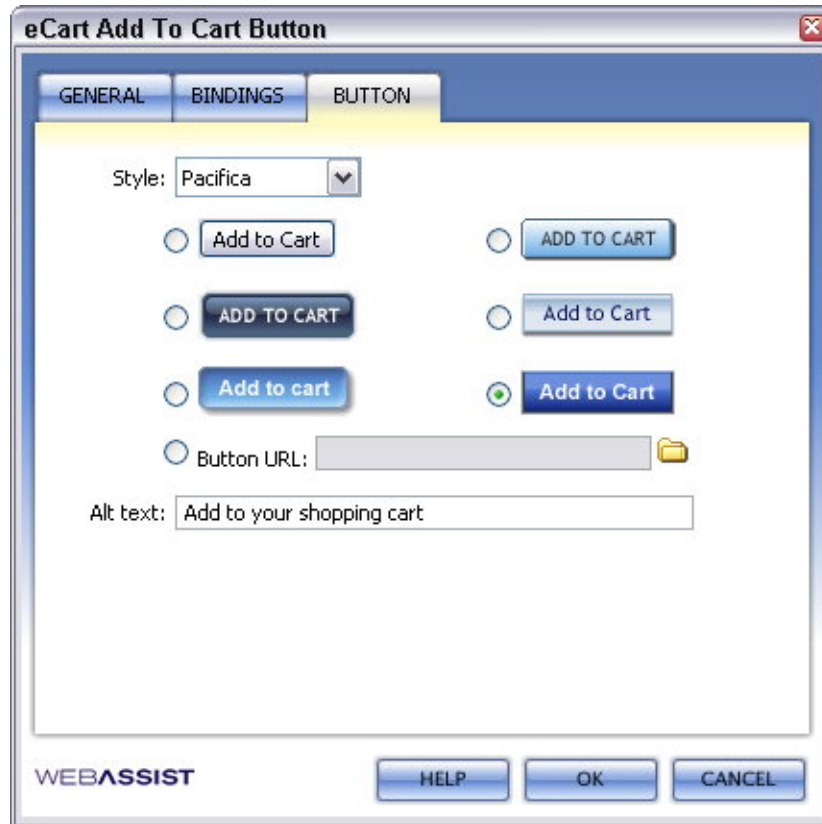
☐ Redirect:

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The Quantity column is defined as an updateable text field so that customers can determine the number of items to put in their cart.

9. Leave the default values in the **If Item In Cart** area and switch to the **Button** tab.
10. In the Button tab, leave the Style at the current setting and choose the **last button in the right column**. In the Alt text field, enter **Add to your shopping cart** and press Tab. Click **OK** when you're done.



Note: If you don't like any of the button styles available, you can use your own: just select the Button URL option and enter the Web address to your button image.

Your Add to the Cart button is inserted into the page, with all the necessary server-side code.



11. Save your page.

Displaying the shopping cart contents

Online customers need to see what is inside their cart at numerous times during the shopping experience. The cart contents are displayed so that the shopper can verify that a selected item is present, change the quantity of an item, remove an unwanted item, and confirm the current cost of their purchases. In some situations, the contents of the cart are modifiable and in others, the contents are presented as a confirmation of their order.

The eCart Display Manager is equipped to handle all these situations, and more. The Display Manager is capable of creating four types of cart displays:

- **Updateable** - An updateable cart display allows the customer to update quantities and remove items from the cart; such a cart is often shown after an item has been added to the cart and before check out.
- **Read-only** - The read-only cart is useful for confirming intended purchases just prior to check out.
- **Quick Cart** - The quick cart shows the current total and number of items in the cart.

- **Email-friendly** – An email-friendly cart uses inline CSS for HTML email receipts sent to customers.

One of the key features of the Display Manager is the ability to include the custom columns previously set-up in the eCart object. This ability gives you complete control over the data shown in your cart. Moreover, any discounts or charges established in the eCart object may also be displayed, either individually or summarized.

The Display Manager also includes a series of buttons for interacting with the cart: updating a change, clearing the entire cart, continuing to shop or checking out. The language used in the buttons is set in the eCart object. Whether standard form buttons or custom button images are incorporated in the display, along with the general look-and-feel of cart, is determined in the Display Manager. eCart includes 3 separate layouts each with 11 color schemes. The layouts are implemented in CSS and the graphics provided automatically.

To add an editable shopping cart display:

1. From Dreamweaver's File panel, open the **cart** page for your server model (cart.php, cart.asp or cart.cfm).
2. Select the placeholder text **[insert cart]**.
3. From the Insert bar's WebAssist > eCart category, choose **Display Manager**.



The eCart Display Manager uses a three-part wizard interface. The first step is to determine the overall display type and layout.

4. In Step 1, from the Display layout list, choose **Clean** from the Design list, **Pacifica** from the Color scheme list and, **Verdana, Arial, Helvetica, sans-serif** from the Font list. Set the Display type as **Updateable Cart** and select **Image** from the Button type list. If you'd like to see the design in more detail, click the preview to view the layout in your browser. When you're done, click **Next**.

eCart Display Manager

Step 1 of 3: Configure the design of your cart

Use these settings to configure the design of your cart. The preview reflects your design choices, but not your specific cart columns, discount or charges.

Settings



Design: Clean Display type: Updateable cart

Color scheme: Pacifica Button type: Image

Font: Verdana, Arial, Helvetica, sans-serif

Preview

Your Shopping Cart

| Name | Price | Quantity | Remove | Total |
|---|---------|----------|--------------------------|-----------------|
|  Item One This is a description for item one | \$69.99 | 1 | <input type="checkbox"/> | \$69.99 |
|  Item Two This is a description for item two | \$42.00 | 2 | <input type="checkbox"/> | \$84.00 |
| Sub-total | | | | \$193.99 |
| Discounts | | | | -\$15.40 |
| Charges | | | | \$2.50 |
| Shipping | | | | \$25.00 |
| Tax | | | | \$11.27 |
| Total: | | | | \$178.46 |

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- In Step 2, make sure that the chosen cart is BlueSkyCart.. Keep the columns chosen by default with their default labels and press Next.

eCart Display Manager

Step 2 of 3: Configure the columns of your cart

Choose the shopping cart columns and labels to display. To include a new column, click Add; to remove a selected column, click Delete. Adjust column order with the Up and Down buttons.

Cart: BlueSkyCart

Cart columns

+ Add - Delete

| Name | Label |
|-----------------|-------------|
| Name | Name |
| Description | Description |
| Price | Price |
| Quantity Edit | Quantity |
| Delete Checkbox | Remove |
| TotalPrice | Total |

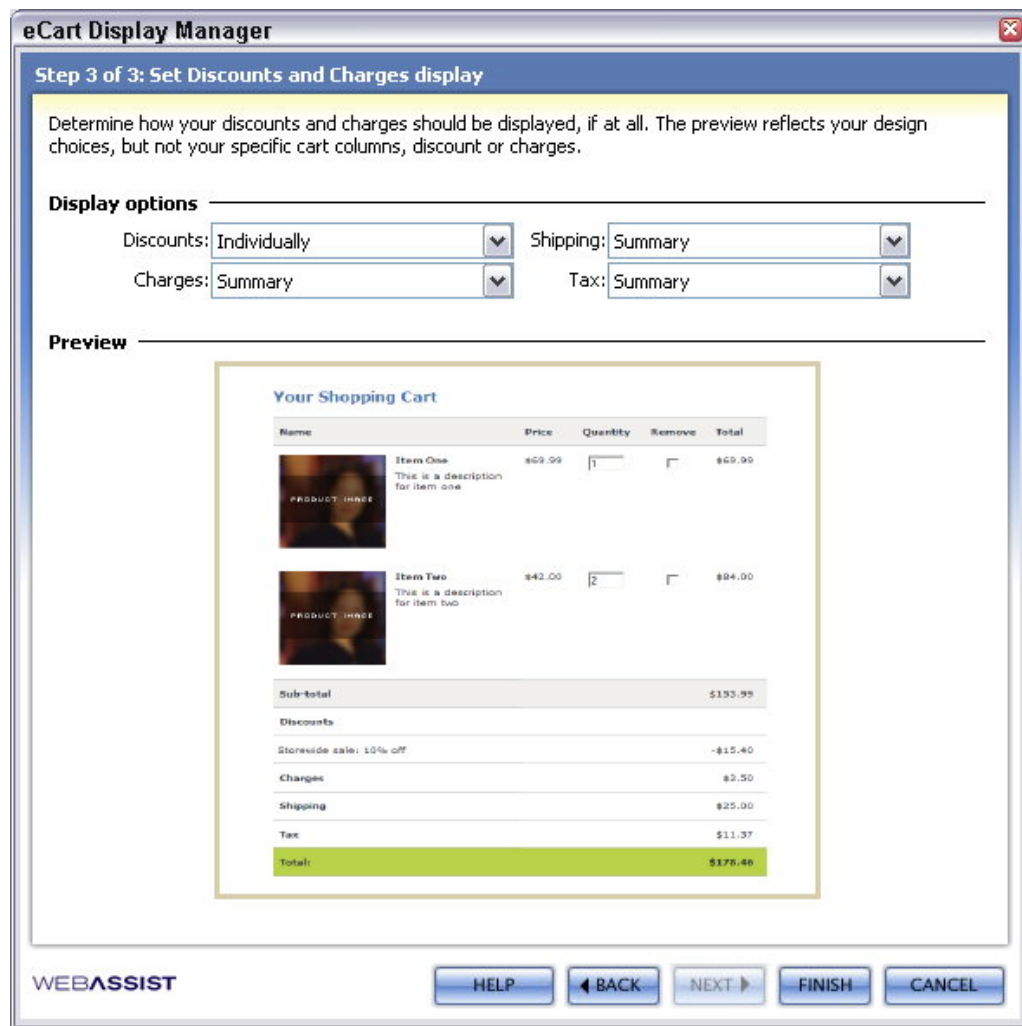
Label: Name

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HELP BACK NEXT FINISH CANCEL

eCart lets you customize the labels that appear over each column in the shopping cart. To change a label, select an entry and modify the text in the Label field. Press Tab to confirm your changes.

6. In Step 3, from the Discounts list, choose Individually. Again, if you'd like to see the layout in more detail, click Preview to view the page in your browser. When you're done click Finish to complete the wizard.



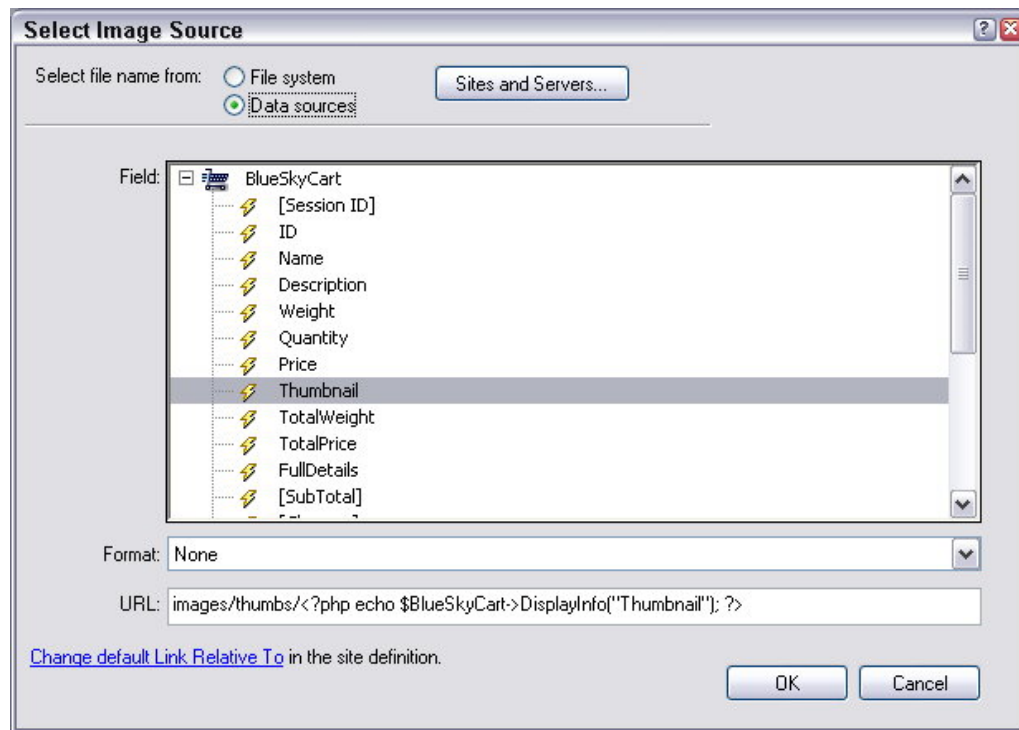
The Display Manager builds the requested shopping cart display, inserts the needed CSS and copies button images into your site. You can preview exactly what the cart will look like by choosing Hide All Visual Aids from View options on the Document toolbar.

Note: The next time you use the Display Manager, the first screen you'll see displays the previous settings used. To re-use the previous settings, click Finish. To alter the settings, click Next. This is an effective way to rebuild the shopping cart display while just altering one or two options.

Now, let's add the thumbnail image to your cart.

- Double-click the **image placeholder**. When the Select Image Source dialog box opens, choose the **Data Sources** option.



8. Expand the **BlueSkyCart** entry and select **Thumbnail**. In the URL field, enter **images/thumbs/** prior to the inserted code. Click **OK**.



- The shopping cart column contains the filename for the image and you need to add the proper path.
9. In the Property inspector, change the **Width** value to **99** and the **Height** value to **97**.
 10. Save your page.

eCart displays all the possible categories in Dreamweaver—including Charges, Discounts, Shipping and Tax—but, at run-time, only the needed items are shown. For example, if your customer purchases under \$50 with the sample store, the shopping cart does not display a discount. However, with purchases over \$50, the discount is revealed.

Your Shopping Cart

| Name | Price | Quantity | Remove | Total |
|---|---------|----------|--------------------------|----------------|
|  So Last Season Greatest hits of the past 6 months | \$19.99 | 1 | <input type="checkbox"/> | \$19.99 |
|  HotFlash Super songs from 8 track days | \$19.99 | 2 | <input type="checkbox"/> | \$39.98 |
| Sub-total | | | | \$59.97 |
| Discounts | | | | |
| 15% off over \$50 | | | | -\$9.00 |
| Total: | | | | \$50.97 |

To test your cart at this point, open any of the previously built pages and preview them in the browser. Add an item to the cart and the newly built cart page will appear. Select Continue Shopping to add more items.

Building checkout pages

The eCart Checkout Wizard builds all the remaining pages you'll need to complete your online store. In doing so, the Checkout Wizard handles all of the following eCommerce tasks:

- Gathers customer information
- Sets up a tax rule
- Retrieves real-time shipping quotes
- Integrates predetermined discounts and charges

- Confirms the customer order
- Establishes a connection to the payment gateway
- Displays transaction success or failure pages
- Stores orders and order details in a database
- Emails customer receipt*

* If a current version of Universal Email is installed.

Note: The Checkout Wizard meets these challenges by offering you an array of options, including your choice of payment gateway, type of shipping, tax rules (if any) etc. The following steps provide one example workflow, yours may vary. You'll need your own payment gateway account and, if real-time quotes are desired, shipping account.

To set up your checkout pages with the Checkout Wizard

1. From the Files panel, double-click the **cart** page for your server model (cart.php, cart.asp or cart.cfm).

The requirements for running the Checkout Wizard are a) you must have applied the Display Manager to your site at least once and b) the current page must include a checkout button. The cart page meets both of these requirements.

2. From the eCart category of the Insert bar, choose eCart Checkout Wizard.



3. On Step 1 of the Checkout Wizard, choose your primary gateway from the **Payment Gateway** list. For my account, I'll choose PayPal.

eCart Checkout Wizard

Welcome to eCart Checkout Wizard

The checkout process gathers information from a variety of sources. This includes information about your site, payment processor, and optional shipping quote provider.

Select your payment gateway:

PayPal

Where will payments be processed?

Locally — Process payments on your site

- ☒ Website Payments Pro - US
- ☐ Website Payments Pro - UK
- ☐ Payflow Pro

Remotely — Process payments at provider's site

- ☐ Website Payments Standard
- ☐ Payflow Link

Will you offer shipping services?

☒ Yes ☐ No

Which cart will this checkout be for:

BlueSkyCart

Need help?

[What's a payment gateway?](#)

SIGN UP FOR A GATEWAY ►

Want to see the entire process?
See the Checkout Feature Tour.

LAUNCH FEATURE TOUR ►

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HELP GET STARTED ► CANCEL

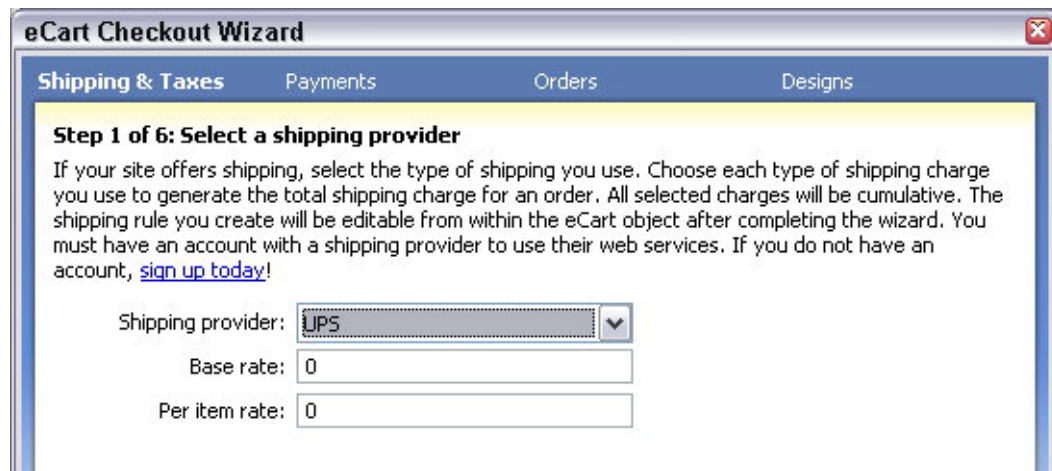
As you select different payment gateways, the secondary options change according to what is available.

4. Select the type of gateway service you'd like from the **Where will payments be processed?** area. I'll select **Website Payments Pro – US**.
5. If your cart is to include shipping services, click **Yes** in the **Will you offer shipping services?** area.

6. Make sure that BlueSkyCart is selected in the list of carts and click **Get Started**.

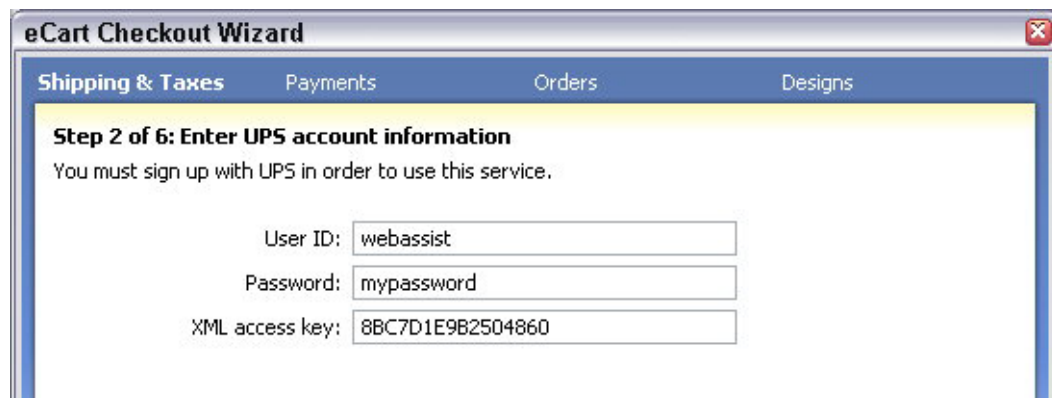
First, let's specify our shipping and taxes.

7. From the **Shipping Provider** list, choose the shipper you'd like to get real-time quotes from; I'll choose **UPS**. If you would prefer to work with a flat shipping rate, enter the desired values in the **Base rate** and **Per item rate** fields. Click **Next**.



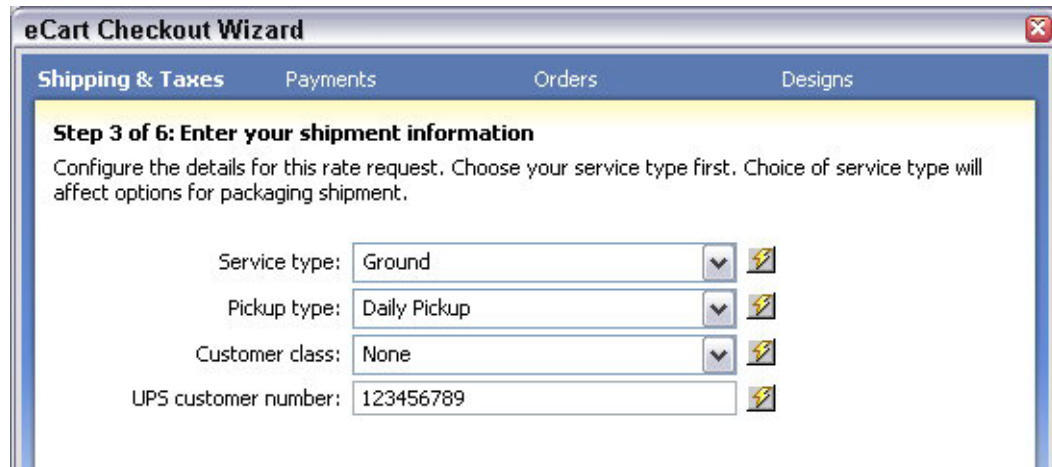
The screenshot shows the 'eCart Checkout Wizard' window with the 'Shipping & Taxes' tab selected. The title bar reads 'eCart Checkout Wizard'. The window has four tabs: 'Shipping & Taxes', 'Payments', 'Orders', and 'Designs'. The main content area is titled 'Step 1 of 6: Select a shipping provider'. Below the title, there is a paragraph of instructions: 'If your site offers shipping, select the type of shipping you use. Choose each type of shipping charge you use to generate the total shipping charge for an order. All selected charges will be cumulative. The shipping rule you create will be editable from within the eCart object after completing the wizard. You must have an account with a shipping provider to use their web services. If you do not have an account, [sign up today!](#)'. Below the instructions, there are three input fields: 'Shipping provider:' with a dropdown menu showing 'UPS', 'Base rate:' with a text box containing '0', and 'Per item rate:' with a text box containing '0'.

8. Next, enter your account information; the required items vary according to the shipping provider. Click **Next** when you're done.



The screenshot shows the 'eCart Checkout Wizard' window with the 'Shipping & Taxes' tab selected. The title bar reads 'eCart Checkout Wizard'. The window has four tabs: 'Shipping & Taxes', 'Payments', 'Orders', and 'Designs'. The main content area is titled 'Step 2 of 6: Enter UPS account information'. Below the title, there is a paragraph of instructions: 'You must sign up with UPS in order to use this service.' Below the instructions, there are three input fields: 'User ID:' with a text box containing 'webassist', 'Password:' with a text box containing 'mypassword', and 'XML access key:' with a text box containing '8BC7D1E9B2504860'.

9. Now, enter your packing details. Here, I'll select UPS Ground as my basic service and fill out the other values as needed. Click **Next** to continue.



The screenshot shows the 'eCart Checkout Wizard' window with the 'Shipping & Taxes' tab selected. The title bar reads 'eCart Checkout Wizard'. The tab bar has 'Shipping & Taxes', 'Payments', 'Orders', and 'Designs'. The main content area is titled 'Step 3 of 6: Enter your shipment information' and includes the instruction: 'Configure the details for this rate request. Choose your service type first. Choice of service type will affect options for packaging shipment.' Below this, there are four input fields: 'Service type' (dropdown menu showing 'Ground'), 'Pickup type' (dropdown menu showing 'Daily Pickup'), 'Customer class' (dropdown menu showing 'None'), and 'UPS customer number' (text box showing '123456789'). Each dropdown menu has a lightning bolt icon to its right.

10. The shipping origin comes next. Enter your **City**, **State**, **Postal code** and **Country**. Click **Next**.



The screenshot shows the 'eCart Checkout Wizard' window with the 'Shipping & Taxes' tab selected. The title bar reads 'eCart Checkout Wizard'. The tab bar has 'Shipping & Taxes', 'Payments', 'Orders', and 'Designs'. The main content area is titled 'Step 4 of 6: Select your shipping origin' and includes the instruction: 'Enter the location from which the order will be shipped. Postal code is the only required field for shipments within the United States. Countries marked with an asterisk require a postal code.' Below this, there are four input fields: 'City' (text box showing 'Encinitas'), 'State' (dropdown menu showing 'California'), 'Postal code' (text box showing '92024'), and 'Country' (dropdown menu showing 'United States*'). Each dropdown menu has a lightning bolt icon to its right.

11. The last shipping step is to set your package information. First, declare whether all items purchased will be sent together or separately. In this example, I'll choose **One package for the entire order**. Next, set the specifics for your package. Certain fields are likely to be filled with dynamic data. For example, **Package weight** requires the total weight of the order; this value can be retrieved by clicking the lightning bolt and choosing TotalWeight from the cart data bindings. Complete the remaining fields and click **Next**.

eCart Checkout Wizard

Shipping & Taxes Payments Orders Designs

Step 5 of 6: Set your package information
Configure the details for the package(s) to be shipped.

Packaging: ☒ One package for the entire order
☐ One package per item purchased

Item is package: ⚡

Quantity: ⚡

Weight units: ⚡

Package weight: ⚡

Package type: ⚡

Size units: ⚡

Package length: ⚡

Package width: ⚡

Package height: ⚡

For the Package weight entry, choosing TotalWeight enters the total weight for an individual item. To substitute the total weight of the entire order, choose [SubTotal] from the cart bindings and, in the Code field, change TotalPrice to TotalWeight.

Note: Be sure to checking the packaging requirements with your provider. Entering improper information may result in an error when retrieving your shipping quote.

12. Next, you'll set up your tax rules. If you'd rather create the rules yourself, click **No thanks, I'll handle tax calculations myself**. Otherwise, enter the desired **Tax Rate** and choose to whom it should be applied: **All purchasers, Residents of a particular US state or Canadian province**, or **Residents of a country**. If you'd like to include the shipping cost in your cart subtotal when calculating tax, click that option. Click **Next**.

eCart Checkout Wizard

Shipping & Taxes | Payments | Orders | Designs

Step 6 of 6: Create a tax rule

If your site charges a sales tax or VAT to some or all of your customers you can specify a tax rule here. The tax rule you apply will be editable within the eCart object, where you can create more complex tax rules.

☐ No thanks, I'll handle tax calculations myself

Tax rate: %

Charge to: ☐ All purchasers

☒ Residents of a US state or Canadian province

☐ Residents of a country

☐ Include shipping in cart subtotal when calculating sales tax

13. Now, let's move on to your payment gateway. Again, the requested information varies according to the service. Here, I've entered the values needed for PayPal Website Standard Pro: **Username**, **Password** and **Signature**. Click **Next** when you're ready.

eCart Checkout Wizard

Shipping & Taxes ✓ | Payments | Orders | Designs

Step 1 of 2: Specify payment provider account details

The following fields are required by the payment gateway you have chosen. Advanced options available for your payment provider are editable from within the payment provider server behavior applied to your page.

Username: Merchant account username with PayPal.

Password: Your merchant account password with PayPal.

Signature: Your merchant account signature with PayPal.

14. Next, you'll have an opportunity to set up your cart to accept PayPal payments with the PayPal Express Checkout option. PayPal Express

Checkout is required with my current payment gateway, PayPal Website Payments Pro, but all other gateways offer a checkbox option. Click **Next** to continue once you've made your selection.

eCart Checkout Wizard

Shipping & Taxes Shipping & Taxes Payments Orders Designs

Step 2 of 2: Include PayPal Express Checkout option

Please enter your PayPal account info:

Username:

Password:

Signature:

Checkout with PayPal

As a Payments Pro customer, PayPal Express Checkout is part of your checkout flow.

How does it work?

Fast, Secure Checkout with PayPal

Pay by Credit Card

Billing Address

First name:

Last name:

Street Address:

Billing Address:

Secure transaction at PayPal web site

Thank you for ordering

Users temporarily leave your site

Secure transaction at PayPal web site

Users return to your site's confirmation page

In the next steps, you'll set up the Checkout Wizard to handle your order management by storing the order and order details data in the appropriate database tables. The orders table is first.

15. From the Connection list, choose **connBSM**. Select the Orders table (orders in PHP) from the Table list. Leave the default value in the Unique ID list.

eCart Checkout Wizard

Shipping & Taxes ✓ Payments ✓ **Orders** Designs

Step 1 of 3: Store order summary in database

To store information about an order select the connection, table and the unique column for that table. Next set the value for columns in the table. Click the lightning bolt to set values from your cart.

☐ No thanks, I'll handle order management myself

Order

Connection: connBSM

Table: orders

Unique ID: OrderID

The second part of this step is to associate the table's database columns with the proper data. Let's start by binding the shopping cart values to the database columns.

16. Select **OrderReferenceID** and click the **lightning bolt**; in the Dynamic Data dialog box, expand the **BlueSkyCart** entry and choose **[Session ID]**. Repeat this procedure for the following database columns:

Dynamic Data

Field: BlueSkyCart

- [Session ID]
- ID
- Name
- Description
- Weight
- Quantity
- Price
- Thumbnail
- TotalWeight
- TotalPrice
- FullDetails

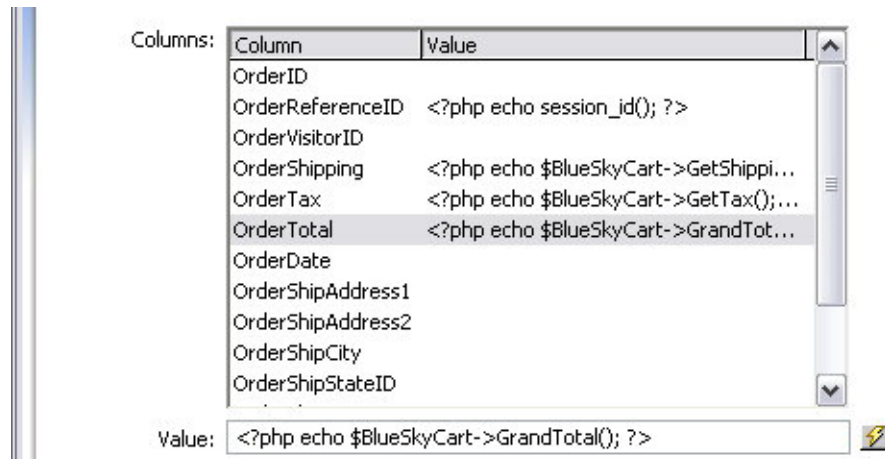
Format: None

Code: <?php echo session_id(); ?>

OK Cancel Help

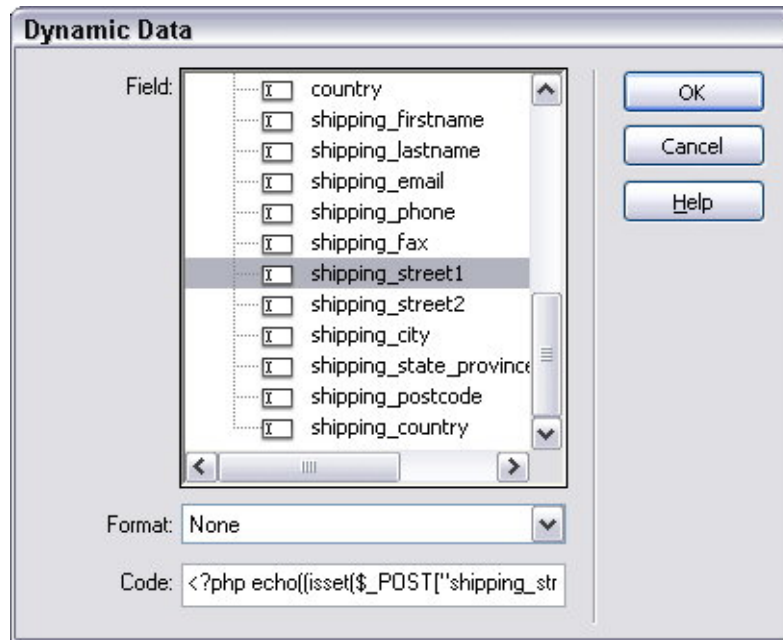
- Choose **OrderShipping**. Click the **lightning bolt** and select **[Shipping]**; click **OK**.

- Choose **OrderTax**. Click the **lightning bolt** and select **[Tax]**; click **OK**.
- Choose **OrderTotal**. Click the **lightning bolt** and select **[Grand Total]**; click **OK**.



The remaining database columns are related to shipping information that will be provided by the shopper through an HTML form. This data is also made available for binding by the Checkout Wizard.

17. Select **OrderShipAddress1** and click the **lightning bolt**; in the Dynamic Data dialog box, expand the **eCart Checkout Form** entry and choose **shipping_street1**. Repeat this procedure for the following database columns:



- Choose **OrderShipAddress2**. Click the **lightning bolt** and select **shipping_street2**; click **OK**.
 - Choose **OrderShipCity**. Click the **lightning bolt** and select **shipping_city**; click **OK**.
 - Choose **OrderShipStateID**. Click the **lightning bolt** and select **shipping_state_province**; click **OK**.
 - Choose **OrderShipZip**. Click the **lightning bolt** and select **shipping_postcode**; click **OK**.
 - Choose **OrderShipCountryID**. Click the **lightning bolt** and select **shipping_country**; click **OK**.
18. When you're done binding the Orders table, click **Next** to move to the OrderDetails table.
 19. From the **Table** list, choose **OrderDetails** (**orderdetails** in PHP).
 20. From the **Order ID** list, choose **DetailOrderID**.

eCart Checkout Wizard

Shipping & Taxes ✓ Payments ✓ **Orders** Designs

Step 2 of 3: Store order details in database

Select the table you store order details in and the column in that table that relates the table to the orders table.

Order details

Table: orderdetails ▼

Order ID: DetailOrderID ▼

Columns:

| Column | Value |
|---------------|--|
| DetailsID | |
| DetailOrderID | <?php echo ((isset(\$_SESSION["BlueSk... |

You select the DetailOrderID rather than the DetailID because you want to connect the data entered into this table to the related order in the Orders table. You'll notice that this automatically sets the DetailOrderID in the Columns area to a session variable with the Order ID value.

21. Select **DetailItemID** and click the **lightning bolt**; in the Dynamic Data dialog box, expand the **BlueSkyCart** entry and choose **ID**. Repeat this procedure for the following database columns:
 - Choose **DetailItemName**. Click the **lightning bolt** and select **Name**; click **OK**.
 - Choose **DetailItemDesc**. Click the **lightning bolt** and select **Description**; click **OK**.
 - Choose **DetailQuantity**. Click the **lightning bolt** and select **Quantity**; click **OK**.
 - Choose **DetailPrice**. Click the **lightning bolt** and select **Price**; click **OK**.
22. When you're done binding the OrderDetails table, click **Next**.

eCart Checkout Wizard

Shipping & Taxes ✓ Payments ✓ **Orders** Designs

Step 2 of 3: Store order details in database

Select the table you store order details in and the column in that table that relates the table to the orders table.

Order details

Table:

Order ID:

Columns:

| Column | Value |
|----------------|--|
| DetailsID | |
| DetailOrderID | <?php echo ((isset(\$_SESSION["BlueSk... |
| DetailItemID | <?php echo \$BlueSkyCart->DisplayInfo... |
| DetailItemName | <?php echo \$BlueSkyCart->DisplayInfo... |
| DetailItemDesc | <?php echo \$BlueSkyCart->DisplayInfo... |
| DetailQuantity | <?php echo \$BlueSkyCart->DisplayInfo... |
| DetailPrice | <?php echo \$BlueSkyCart->DisplayInfo... |

In the next step, you'll set up your email receipt. This step only appears if you have Universal Email 2.7.0 installed or higher.

23. Leave the default values in the **Email to** and **To display name** fields; these values are picked up from the form filled out by the customer. Enter your email address in the **From address** field, the name you want displayed in the **From display name** field and the subject in the **Subject** field.

The screenshot shows the 'eCart Checkout Wizard' dialog box with the 'Orders' tab selected. The title bar reads 'eCart Checkout Wizard'. The tabs are 'Shipping & Taxes', 'Payments', 'Orders', and 'Designs'. The current step is 'Step 3 of 3: Send email receipt'. Below the title, it says 'To send an order confirmation email to the customer, specify the email address options and email object settings.' There is a checkbox labeled 'No thanks, I'll handle the receipt myself' which is unchecked. Below this are several text input fields with lightning bolt icons to their right: 'Email to:' with a PHP code snippet, 'To display name:' with a PHP code snippet, 'From address:' with 'orders@blueskymusic.com', 'From display name:' with 'Blue Sky Music Orders', and 'Subject:' with 'Your Receipt from Blue Sky Music'. Below these is the 'Email object' section, which has a dropdown menu currently showing 'Mail for Windows'. Below the dropdown are more text input fields with lightning bolt icons: 'Server Name:' with 'smtp.blueskymusic.com', 'Port:' with '25', 'Return Path:' with 'orders@blueskymusic.com', 'Organization:', 'X-Mailer:', and 'Character Set:'. At the bottom left is the 'WEBASSIST' logo. At the bottom right are four buttons: 'HELP', '< BACK', 'NEXT >', and 'CANCEL'.

eCart Checkout Wizard

Shipping & Taxes ✓ Payments ✓ **Orders** Designs

Step 3 of 3: Send email receipt

To send an order confirmation email to the customer, specify the email address options and email object settings.

☐ No thanks, I'll handle the receipt myself

Email to: <?php echo((isset(\$_POST["email"]))?\$_POST["email"] : "orders@blueskymusic.com");> ⚡

To display name: <?php echo((isset(\$_POST["firstname"]))?\$_POST["firstname"] : "Blue Sky Music Orders");> ⚡

From address: orders@blueskymusic.com ⚡

From display name: Blue Sky Music Orders ⚡

Subject: Your Receipt from Blue Sky Music ⚡

Email object

Mail for Windows ▼

Server Name: smtp.blueskymusic.com ⚡

Port: 25 ⚡

Return Path: orders@blueskymusic.com ⚡

Organization: ⚡

X-Mailer: ⚡

Character Set: ⚡

WEBASSIST

HELP < BACK NEXT > CANCEL

24. Enter the details necessary for your Web server's email method in the Email object area. Click **Next** when you're ready.

In the next step, you'll choose the design desired for your forms.

25. From the **Design** list, choose **Clean**. Leave the **Color scheme** set to **Pacifica**. If you'd like to examine the layout in more detail, click the preview image and review the form in your browser. When you're done, return to Dreamweaver and click **Next**.

eCart Checkout Wizard

Shipping & Taxes ✓ Payments ✓ Orders ✓ **Designs**

Step 1 of 2: Select design options

Choose a design to be added to your checkout page.

Design: Clean

Color scheme: Pacifica

PayPal Website Payments Pro US with Express Checkout

Preview

Fast, Secure Checkout with PayPal

Checkout Wizard

For easy setup

Zero time! Checkout instantly. Pay without sharing your financial information.

Pay by Credit Card

Credit card type: Visa

Credit card number: [input]

Expiration month: [input]

Expiration year: [input]

Card name: [input]

Billing Information

First name: [input]

Last name: [input]

Email address: [input]

Phone number: [input]

Fax number: [input]

Address: [input]

Address line 2: [input]

City: [input]

State: Choose a state

Postal code: [input]

Country: Choose a country

Shipping Information

☐ Same as billing address

Shipping first name: [input]

Shipping last name: [input]

Shipping email address: [input]

Shipping phone number: [input]

Shipping fax number: [input]

Shipping address: [input]

Shipping address line 2: [input]

Customer shipping info: [input]

Customer shipping state: Choose a state

Shipping postal code: [input]

Shipping country: Choose a country

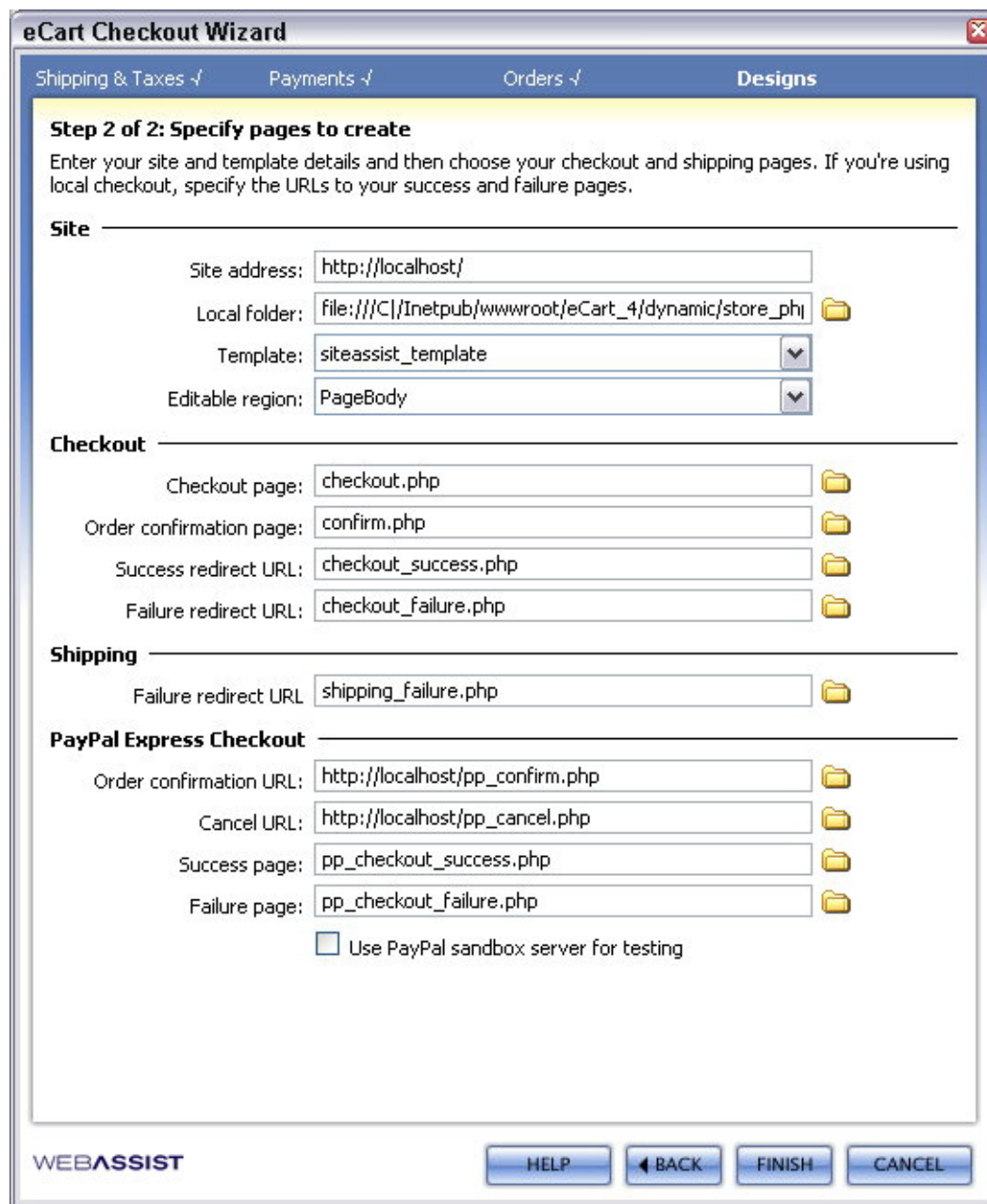
WEBASSIST

HELP BACK NEXT CANCEL

In the final page of the Checkout Wizard, you'll choose which pages you'd like to create. If you'd prefer eCart not create the page, leave the field blank.

26. Enter your full Web address in the **Site address** field and confirm that your **Local folder** is correctly identified. If you'd like to use a template, select it from the **Template** list; once your template is

chosen, choose the proper editable region from the **Editable region** list. Leave the remaining fields at their default settings.



The image shows the 'eCart Checkout Wizard' dialog box, which is a multi-step configuration tool. It has a title bar with a close button and a tabbed interface with four tabs: 'Shipping & Taxes', 'Payments', 'Orders', and 'Designs'. The 'Designs' tab is currently selected and highlighted in blue. Below the tabs, the main area is titled 'Step 2 of 2: Specify pages to create' and includes a descriptive paragraph: 'Enter your site and template details and then choose your checkout and shipping pages. If you're using local checkout, specify the URLs to your success and failure pages.' The form is organized into several sections, each with a bolded title and a horizontal line separator. The 'Site' section contains four fields: 'Site address' (http://localhost/), 'Local folder' (file:///C:/inetpub/wwwroot/eCart_4/dynamic/store_php), 'Template' (siteassist_template), and 'Editable region' (PageBody). The 'Checkout' section has four fields: 'Checkout page' (checkout.php), 'Order confirmation page' (confirm.php), 'Success redirect URL' (checkout_success.php), and 'Failure redirect URL' (checkout_failure.php). The 'Shipping' section has one field: 'Failure redirect URL' (shipping_failure.php). The 'PayPal Express Checkout' section has four fields: 'Order confirmation URL' (http://localhost/pp_confirm.php), 'Cancel URL' (http://localhost/pp_cancel.php), 'Success page' (pp_checkout_success.php), and 'Failure page' (pp_checkout_failure.php). At the bottom of this section is a checkbox labeled 'Use PayPal sandbox server for testing'. At the very bottom of the dialog, there is a 'WEBASSIST' logo on the left and four buttons: 'HELP', 'BACK', 'FINISH', and 'CANCEL'.

eCart Checkout Wizard

Shipping & Taxes ✓ Payments ✓ Orders ✓ **Designs**

Step 2 of 2: Specify pages to create
Enter your site and template details and then choose your checkout and shipping pages. If you're using local checkout, specify the URLs to your success and failure pages.

Site

Site address: http://localhost/
Local folder: file:///C:/inetpub/wwwroot/eCart_4/dynamic/store_php
Template: siteassist_template
Editable region: PageBody

Checkout

Checkout page: checkout.php
Order confirmation page: confirm.php
Success redirect URL: checkout_success.php
Failure redirect URL: checkout_failure.php

Shipping

Failure redirect URL: shipping_failure.php

PayPal Express Checkout

Order confirmation URL: http://localhost/pp_confirm.php
Cancel URL: http://localhost/pp_cancel.php
Success page: pp_checkout_success.php
Failure page: pp_checkout_failure.php
☐ Use PayPal sandbox server for testing

WEBASSIST

HELP BACK FINISH CANCEL

27. Click Finish when you're done.

eCart begins to create the necessary pages. The eCart Object panel displays the progress of the operation and you can see the pages being constructed in the Document window. The number of pages created depends on the options selected in the Checkout Wizard.

Note: If you used a thumbnail image in the shopping cart display as we did during this tutorial, you'll need to steps 7-9 of the **To add an editable shopping cart display** exercise for any page that displays the cart. If you followed the steps in this tutorial, there would be 4 such pages: confirm, checkout_success, pp_confirm, and pp_checkout_success.

Next steps

With the tutorial pages complete, let's take a few moment to see how it all works together.

Before you try out the sample store, keep in mind the following:

- All files must be saved.
- The files must be served from a compatible web server.
If you do not have a local testing server configured, you should upload all the files and import your database to your Hosting Provider's server.
- When viewing your pages in a browser, make sure to access them via an http path such as 'http://[servername]/ ' and not 'C:[webdirectory]\ '.
- **Note:** Locally, by default *localhost* is used for the servername.

To explore the sample store:

1. Once the site is ready, view the page **music** or **gear** with your favorite browser. You will see the product listing with an Add to Cart Button for each item in the list.
2. Select any product's **Add to Cart** button to add that item to your cart.
3. After verifying the cart contents on the cart page, select **Continue Shopping**.
4. Choose a different product's detail link (either the text link or the thumbnail image) to view the product detail page.
5. On the detail page, click **Add to Cart**
6. Verify that the new item has been added to your cart.

7. Change the quantity of one of the item's from 1 to 2 and click **Update Cart**. Note only does the quantity change, but so does the overall total.
8. Shop for as long as you like choosing different items with different quantities. To remove an item from the cart, select that item's Delete checkbox and choose Update Cart. When you're done shopping, select **Check Out**.
9. If your purchase exceeds \$50, the discount rule will be triggered and you'll see the calculated discount applied.
10. On the checkout page, review your cart contents and fill in the information requested in the form. When you're done, click **Checkout**.

The rest of the checkout process is handled by your payment gateway.

Static product pages shopping cart tutorial

The following tutorial will help you get started using eCart in an online store set up to use static pages for all the product catalog and detail pages; with a static product page site, a separate page is required for each catalog page and each detail page. Although not database-driven, these pages still require the use of an application server such as ASP, ColdFusion or PHP, to carry out the shopping cart functions. The tutorial is based on a fictional online store, Blue Sky Music.

If you're new to eCart, work through each section of the tutorial in sequence. As you become more experienced, feel free to reference individual sections as needed.

- Setting up the static product pages eCart sample
- Setting up a database for the eCart sample
- Working with the eCart object
- Applying Add to Cart buttons to product pages
- Displaying the shopping cart contents
- Building a check out pages
- Next steps

Setting up a database for the eCart sample

eCart comes with a custom, starting point for a sample eCommerce site, Blue Sky Music; the starting point includes example web site pages and a data source. Although this tutorial assumes you are building your product pages manually, you may still want to use a database for order management. Before undertaking the tutorials, you'll need to set up your system with the starting point files. The complete set-up consists of these steps:

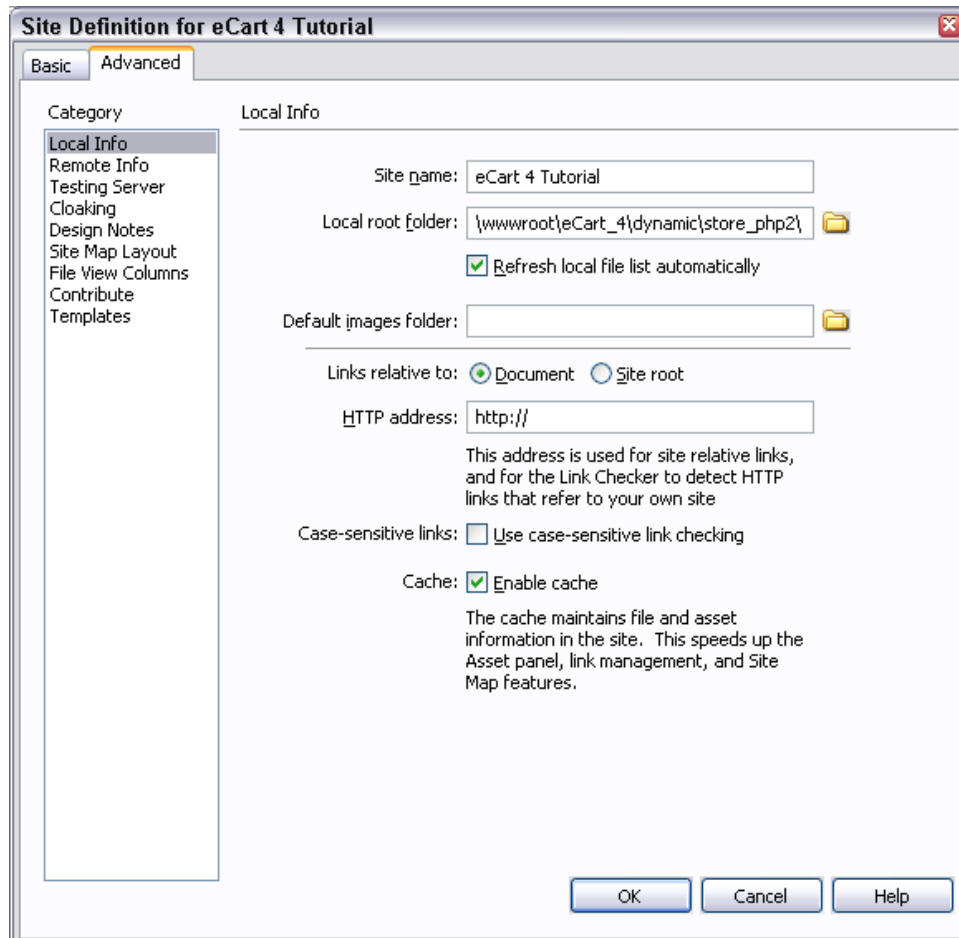
- Creating a Dreamweaver site
- Locating and copying the starting point files
- Establishing the data source for your server model

Creating a Dreamweaver site

You will need to set up a site in Dreamweaver before working on the starting point files. Use the eCart sample files as your local site root.

To configure your Dreamweaver site definition

1. In Dreamweaver, select *Site -> New Site* from the main menu. Click the Advanced tab.

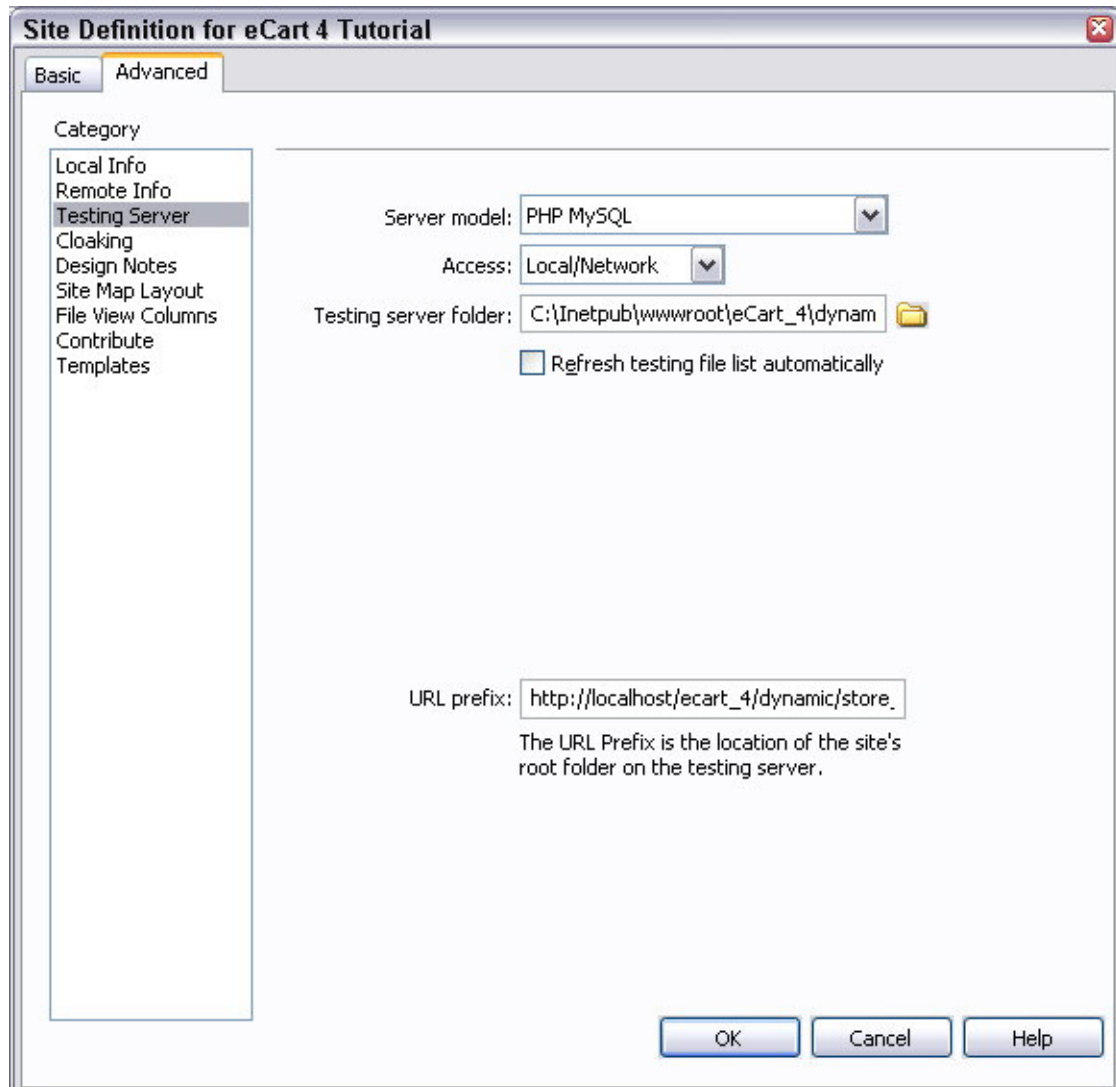


Fill out the following information to configure this section:

Site Name: eCart 4 Tutorial

Local Root Folder: specify the path to the local web server directory where you have copied the sample starting point files.

2. Select the Testing Server category.



The image shows a Windows-style dialog box titled "Site Definition for eCart 4 Tutorial". It has two tabs: "Basic" and "Advanced", with "Advanced" currently selected. On the left, there is a "Category" list with the following items: Local Info, Remote Info, Testing Server (which is highlighted), Cloaking, Design Notes, Site Map Layout, File View Columns, Contribute, and Templates. The main area of the dialog contains the following fields and controls:

- Server model:** A dropdown menu set to "PHP MySQL".
- Access:** A dropdown menu set to "Local/Network".
- Testing server folder:** A text box containing "C:\Inetpub\wwwroot\eCart_4\dynam" followed by a folder icon.
- ☐ Refresh testing file list automatically
- URL prefix:** A text box containing "http://localhost/ecart_4/dynamic/store_".
- Below the URL prefix, a note reads: "The URL Prefix is the location of the site's root folder on the testing server."

At the bottom right, there are three buttons: "OK", "Cancel", and "Help".

Fill out the following information to configure this section:

Server Model: Set to appropriate server language for the samples you are using.

Access: Set how you will have access to your staging server location. If your local machine has a development web server, use Local/Network. Otherwise, you will have to use FTP to transfer your files to an appropriate remote server.

Testing Server Folder: specify the staging location of the site. This can be either your local web server directory or a remote directory, depending on your particular setup.

URL Prefix: Specify the URL to use when browsing these files.

3. Click OK to close your site definition.

Locating and copying the starting point files

The starting point and complete files for this tutorial are available for download from the Order History associated to your WebAssist user profile. If you did not download these files at the time of your purchase, log in and view your Order History in the following location to download the necessary files:

<http://www.webassist.com/go/downloads>

Clicking eCart in the details for your order lists all the components available for download through your Order History. The necessary files are available for download in the section called **Getting Started Guide - Static**.

A separate set of tutorial files is available in separate zip files for each server model. As well, the sample database for this tutorial is available in an individual zip file.

Extract the tutorial and database files from the zip file for your server model by using an uncompression utility like WinZip or StuffIt; Windows XP and Windows Vista users can simply double-click the zip file to begin the extraction process.

Copy Sample Files

Within the tutorial zip files for the different server models are two folders: StartingPoints and Complete. Each of these folders contains files necessary to complete the tutorial. The contents of each are as follows:

- **StartingPoints** - Contains the basic starting files. These files have minimal content and will be used to build the eCart tutorial.
- **Complete** - Contains the completed files which will be the end result of all the steps covered in the tutorial. Use these files as a reference.

You will also find a sample Database file available for download. Expand this compressed file to see two sets of files:

- **ASP (JavaScript or VBScript) and ColdFusion users** - this folder contains the Microsoft Access 2000 database called blue_sky_music.mdb which stores the product and cart data used in the eCart tutorial.
- **PHP users** - this folder contains the SQL script file for creating a MySQL data source to be used in the eCart tutorial.

Copy the appropriate database folder to a location accessible for your development machine to make a database connection to.

Copy the StartingPoints and Completed folders to your local web server directory where you will be able to edit and view the sample files.

Windows

- C:\inetpub\wwwroot\

Macintosh

- Hard Drive:Users:*your_user_name*:Sites

Establishing the data source for your server model

Example pages require example data and this tutorial comes complete with data sources for ASP, ColdFusion and PHP. The set up process is different for each server model and covered in the following sections:

- ASP (JavaScript and VBScript)
- ColdFusion
- PHP

ASP (JavaScript and VBScript)

An Access database is the primary data source used for the ASP applications in this tutorial. The database, blue_sky_music.mdb, is available for download through your Order History (see **Locating and copying the starting point files**). Copy the database to an easily accessible location on your system if you have not already done so.

Once the database is in a viable location, you'll need to assign a Data Source Name (DSN) to it. A DSN is basically an alias that allows various programs on your system to easily locate the database.

Microsoft has some very clear instructions on assigning a DSN in Windows:

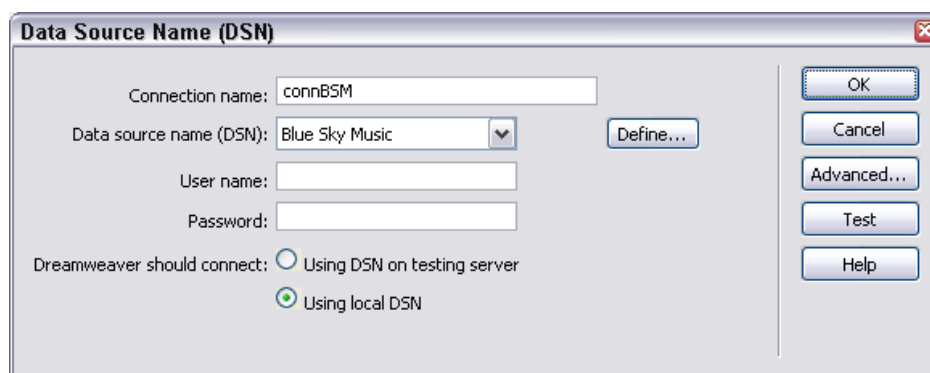
- For Windows 2000, see Microsoft Knowledge Base Article 300596 at <http://support.microsoft.com/default.aspx?scid=kb;en-us;300596>
- For Windows XP, see Microsoft Knowledge Base Article 305599 at <http://support.microsoft.com/default.aspx?scid=kb;en-us;305599>

When assigning a name for the DSN, enter **Blue Sky Music**.

Once the DSN has been created, you'll need to create a connection from your local site in Dreamweaver to the DSN.

To create a connection in ASP:

1. From the Dreamweaver Databases panel, choose Add (+) and select Data Source Name (DSN).
2. When the Data Source Name (DSN) dialog appears, enter **connBSM** in the Connection name field.
3. From the Data Source Name (DSN) list, choose **Blue Sky Data**.



4. Unless you added a user name and password when establishing the DSN, leave those fields blank.
5. Make sure the Using local DSN option is selected and press Test to verify the connection.
6. If the connection is not successful, verify your DSN selection and re-test; otherwise, click OK.

ColdFusion

An Access database is the primary data source used for the ASP applications in this tutorial. The database, `blue_sky_music.mdb`, is available for download through your Order History (see **Locating and copying the starting point files**). Copy the database to an easily accessible location on your system if you have not already done so.

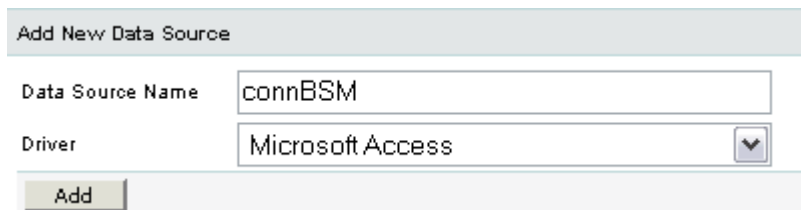
Note: The following steps apply to both ColdFusion MX and ColdFusion 7.

Once the database is in your desired location, you'll need to create a ColdFusion data source. ColdFusion users should begin by opening the ColdFusion Administrator. You can do this in one of two ways. You can locate the ColdFusion Administrator application page on your system (i.e., Start > Programs > Adobe ColdFusion 7 > Administrator). Or, from within Dreamweaver, first open any ColdFusion page and then, from the Databases panel, choose the **Modify Data Sources** icon. Either path opens the Administrator in your browser.

To create a data source in ColdFusion Administrator:

1. After logging in with your Administrator password, select **Data Sources** under the Data & Services category.

In the Add New Data Source dialog, enter **connBSM** in the Data Source Name field.



The screenshot shows a web-based dialog box titled "Add New Data Source". It has two input fields: "Data Source Name" with the text "connBSM" and "Driver" with a dropdown menu showing "Microsoft Access". At the bottom left is an "Add" button.

2. From the Drive list, choose **Microsoft Access**.
3. Select Add to confirm your choice.

A second dialog with options specific to Microsoft Access data sources is displayed next.

In the Microsoft Access Data Source dialog, enter the path to the data source file by selecting the Browse Server button next to the Database File field and choosing the copy of `blue_sky_music.mdb` from its current location.

Data & Services > Datasources > Microsoft Access

Microsoft Access : connBSM

CF Data Source Name: connBSM

Database File: C:\inetpub\wwwroot\ecart_4\databases\blu

System Database File:

Use Default Username: ☒

ColdFusion Username:

ColdFusion Password: (16-character limit)

Description:

4. When you're done, click Submit to complete the operation.

Note: Unlike with ASP, no separate connection file is needed in ColdFusion.

Session variable configuration

In addition, ColdFusion sites that use eCart require support for session variables and have two requirements:

- a file named Application.cfm must be included at the root of your site and contain the following code:

```
<cfapplication name="eCart" sessionmanagement="Yes">
```

For your convenience, an Application.cfm file has been included in the sample site provided with eCart.

- Your ColdFusion Server must have session variables enabled. Log in to your ColdFusion Server Administrator and under *Server Settings*, click the *Memory Variables* link to navigate to that configuration section. Make sure that **Enable Session Variables** is checked, and click the *Submit Changes* button to update your settings. If you do not administrate your server or have it hosted elsewhere, please contact your hosting provider to confirm these settings.

PHP

The sample files for Dreamweaver include a SQL script capable of creating and populating a sample MySQL database.

Before starting, you will need access to your MySQL server instance. This should be installed on your local testing server.

For instructions on configuring your local machine to operate as a PHP/MySQL testing server, review the following How To.

http://webassist.com/go/technotes/web_dev_begin

To create the sample MySQL database:

Having downloaded the .SQL script file from your eCart Download Center, you will want to import this file into your MySQL server.

Follow this How To for importing the sample database file to your MySQL database.

http://webassist.com/go/howto/import_sql

Note: When moving your eCart site to your live (Hosting Provider's) server, you will need to import your database to your live server as well.

To create the sample MySQL database:

1. Copy the SQL script file, `blue_sky_music.sql`, to an appropriate folder on the computer that has MySQL installed.

If the computer running MySQL is a Windows computer, copy the script to `Program Files\MySQL\MySQL Server 4.x\bin`. If the computer running MySQL is a Macintosh, copy the `insert.sql` script to your Documents folder in your home folder.

2. On the computer that has MySQL installed, start the MySQL Command Line Client (Windows) or the Terminal (Macintosh).
 - In Windows, start the MySQL Command Line Client by selecting `Start > MySQL > MySQL Server 4.x > MySQL Command Line Client`.
 - On the Macintosh, start the Terminal by going to the Applications folder, opening the Utilities folder, and double-clicking Terminal.

3. In Windows, enter your username (if any) and password, and then press Enter.

The MySQL client's command prompt appears, as follows:

```
mysql>
```

4. On the Macintosh, enter the following command:

```
mysql -uUser -pPassword
```

For example, if your MySQL user name (also known as an account name) and password are Tara and Telly3, enter the following command:

```
mysql -uTara -pTelly3
```

If you don't have a password, omit the `-p` argument as follows:

```
mysql -uTara
```

If you didn't define a user name while configuring your MySQL installation, enter root as the user name, as follows:

```
mysql -uroot
```

The MySQL client's command prompt appears, as follows:

```
mysql>
```

5. Create a new database by entering the following command at the MySQL prompt:

```
mysql>CREATE DATABASE blue_sky_music;
```

MySQL creates a new database, but it doesn't contain any tables or records yet.

6. Log out of the MySQL client by entering the following command at the prompt:

```
mysql>quit;
```

7. (Windows) Open the Windows command prompt by selecting Start > Run, and typing **cmd** in the Run dialog box.
8. At the system command prompt, populate the new database in MySQL.

In Windows, use the following command:

```
cd \  
  
cd Program Files\MySQL\MySQL Server 4.x\bin  
  
mysql -uUser -pPassword blue_sky_music <  
blue_sky_music.sql
```

On the Macintosh, use the following command:

```
mysql -uUser -pPassword blue_sky_music < ~/Documents/  
blue_sky_music.sql
```

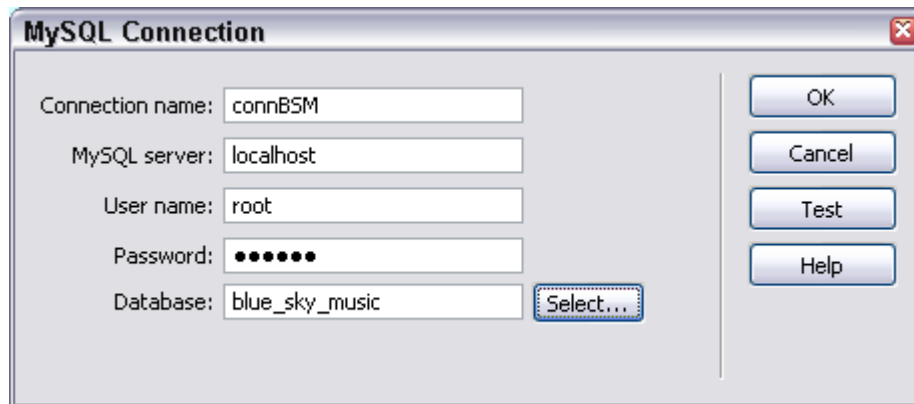
This command uses the blue_sky_music.sql file to add tables and records to the database you created in step 5.

Once the database has been setup, you'll need to create a connection from your local site in Dreamweaver to the database.

To create a MySQL connection for PHP:

1. From the Dreamweaver Databases panel, choose Add (+) and select MySQL Connection
2. When the MySQL Connection dialog appears, enter **connBSM** in the Connection name field.

3. Enter **localhost** in the MySQL server field.



4. Enter the user name to gain root access (typically, **root**) and the associated password in the indicated fields.
5. Choose Select and from the Select Database dialog, choose **blue_sky_music**; click OK when you're done to close the Select Database dialog.
6. Press Test to verify the connection.
7. If the connection is not successful, verify your selections and re-test; otherwise, click OK.

Creating an ecart online store

With eCart, there are just four steps necessary for creating your online store:

1. Define an eCart Object.
2. Insert Add to Cart buttons.
3. Create shopping cart display with Display Manager.
4. Generate checkout pages with Checkout Wizard.

Working with the eCart object

The eCart object is the backbone of all the objects and server behaviors used by eCart. General cart attributes, such as currency or number format, are set

in the eCart object, as are cart columns, calculations, and custom rules for charges, discounts, taxes and shipping.

The eCart object is defined once per site and added to any page before any other eCart functionality is applied. After an eCart object has been defined, the application of any eCart wizard or server behavior automatically inserts the needed eCart object.

Note: Previous users of eCart should take note of this behavior. In versions prior to eCart 4, users needed to manually add the eCart object to any page with any eCart functionality – this is no longer necessary.

Once inserted, you can modify the eCart object at any time. Any changes made are applied throughout the site. Let's take a brief tour of the eCart object.

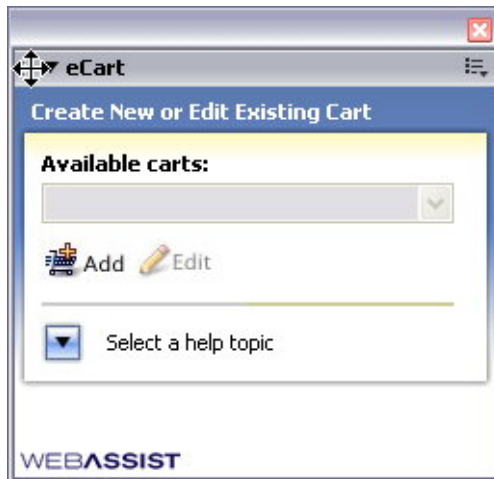
To insert a new eCart object:

1. In Dreamweaver, choose the eCart 4 Tutorial site from the Files panel list.
2. In the File panel, double-click on the **index** page for your server model (index.asp, index.cfm or index.php) to open it.
3. From the WebAssist > eCart category of the Insert bar, choose **eCart Object**, the first icon on the left.



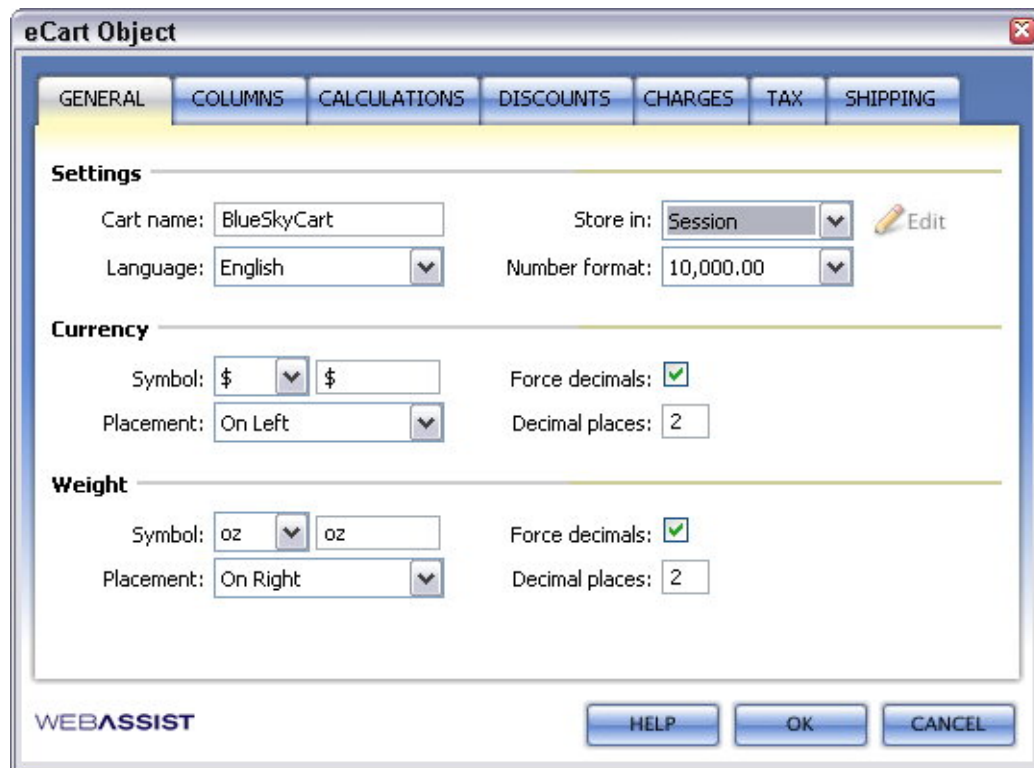
The eCart object is represented by a custom Dreamweaver panel. Although you can work with the panel in its freely floating state, you'll probably find it easier to work with when docked.

4. Place your cursor over the gripper area of the eCart panel, located on the far left of the title bar; the cursor changes to a four-headed arrow when properly situated. Drag the panel to the integrated panel group and drop it when a thick black line appears below the Application panel group.



The first task is to create a new eCart object.

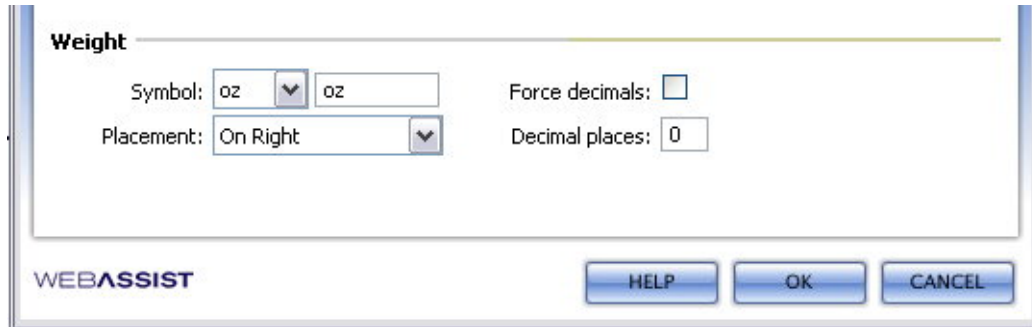
5. In the eCart panel, select **Add**. When the eCart Object dialog box appears, change the Cart name to BlueSkyCart and press Tab.



The eCart Object dialog box is divided into seven tabs. The first tab, General, defines several key properties of data stored in the shopping cart, including how it is stored (session variable or cookie), the

language used in the cart buttons, the general number format and the currency format used. Additionally, you can set the format for any weight-related data; in this next step we'll make sure that any items appearing in the shopping cart will be rounded down to the ounce.

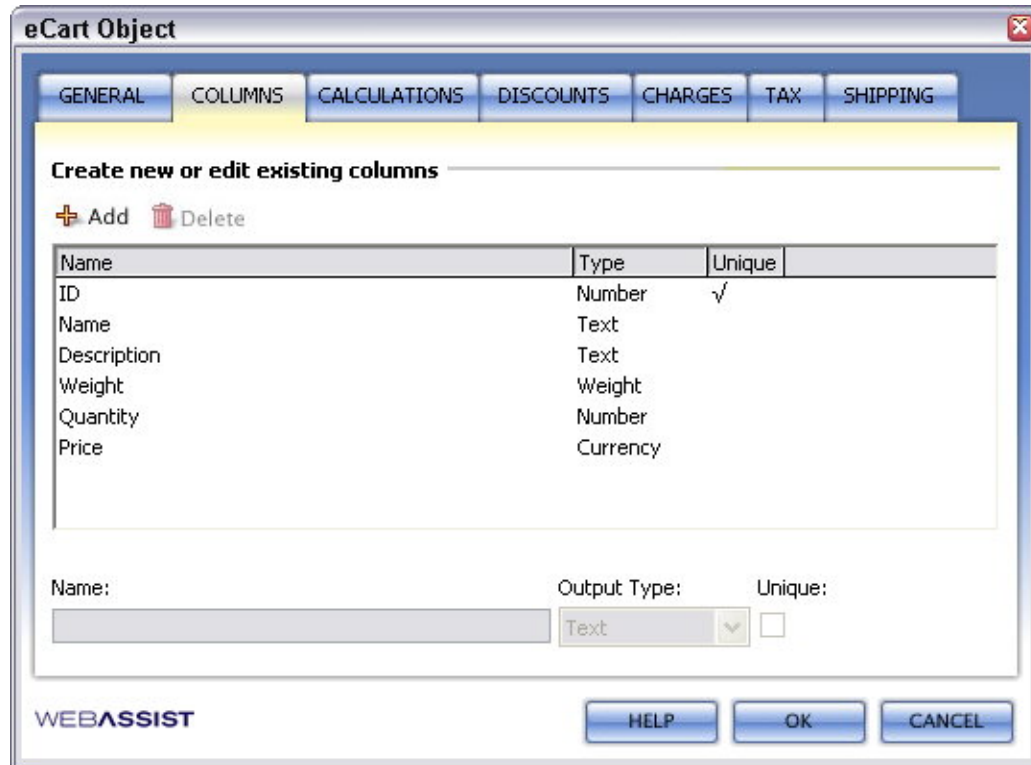
6. In the Weight area of the General tab, deselect the **Force Decimals** option and enter **0** in the Decimal Places field.



The screenshot shows a dialog box titled "Weight" with a yellow header bar. It contains four settings: "Symbol" is set to "oz" with a dropdown arrow; "Placement" is set to "On Right" with a dropdown arrow; "Force decimals" is an unchecked checkbox; and "Decimal places" is a text box containing the number "0". At the bottom left is the "WEBASSIST" logo, and at the bottom right are three buttons: "HELP", "OK", and "CANCEL".

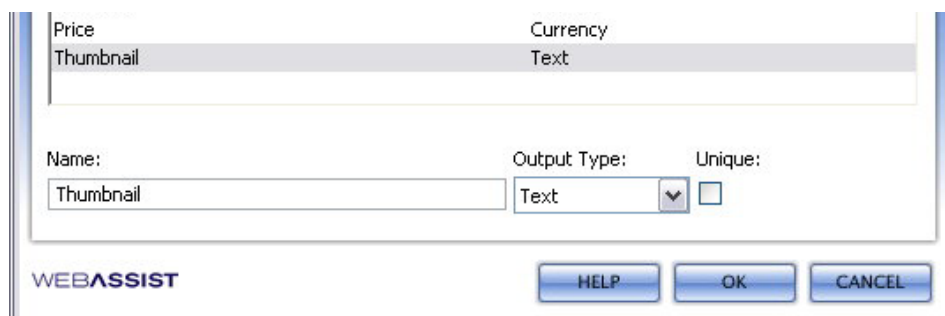
The next category of the eCart Object dialog box defines the data stored in the shopping cart columns.

7. Select the **Columns** tab. You'll notice six pre-defined columns. Additional columns can be added or removed as needed; the default columns, however cannot be deleted.



Each column can be specified to be a particular type: Number, Integer, Text, Currency, Weight or Date. Columns where each record is unique are designated by a checkmark in the Key column. Let's add a column to hold a thumbnail image filename for any ordered item.

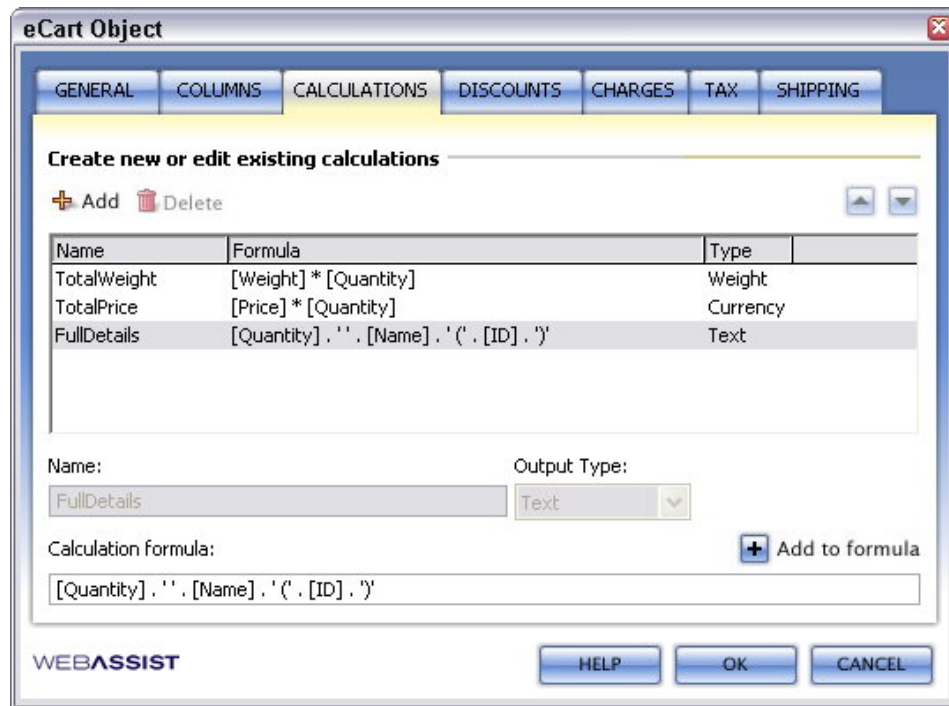
8. Click **Add**. A new entry, Column1, is added to the list.
9. In the Name field, change Column1 to **Thumbnail** and press Tab. Leave the Output Type as Text.



Note: Column names change automatically when Tab is pressed.

Columns with calculated data are listed on the third tab of the eCart Object dialog, Calculations.

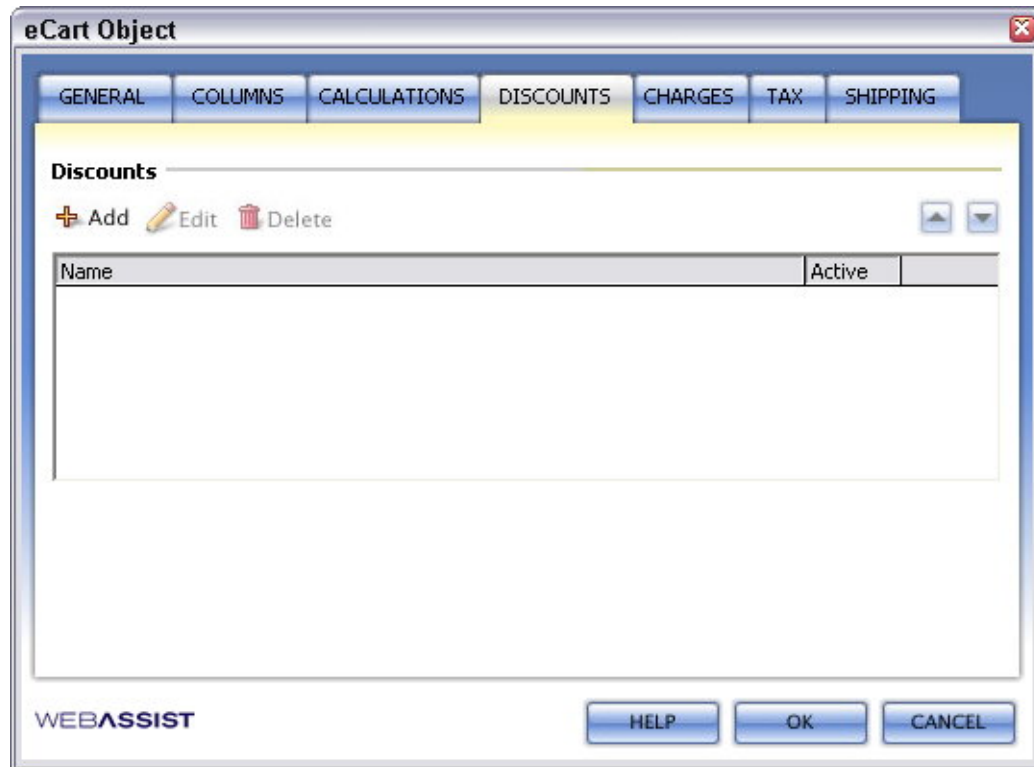
10. Select the Calculations tab. Three formulas have been created for you, TotalWeight, TotalPrice and FullDetails and are shown in the Calculations entry list.



As noted in the dialog itself, square brackets are required to use a column's value as part of a calculation. Calculated columns can also be used within formulas. For example, a simple shipping formula might set the variable ShippingCost equal to [TotalWeight] * .50 + 5.00; such a formula would set a base price of \$5.00 for shipping plus 50 cents for each ounce shipped. To reference the calculated field, the ShippingCost calculation would need to appear after TotalWeight in the Calculations entry list.

Let's leave the Calculations tab at its default setting and continue our exploration of the eCart object.

11. Click the Discounts tab.



The Discounts tab manages any merchandising rule that provides your customers with any type of discount. You could, for example, offer a discount of 15% off purchases over \$50. Let's create that discount rule now.

12. In the Discounts tab, click **Add**.

The eCart Merchandising Rule dialog box is displayed. Let's give our new rule a meaningful name.

13. In the Name field, enter **15% off over \$50** and press Tab. Make sure the Active option remains selected.

eCart Merchandising Rule

Settings

Name: Active: ☒

Triggers

+ Add - Delete

| Separator | Conditions |
|-----------|------------|
| | |

Separator: Condition:

Calculation

The Quantity of item plus

WEBASSIST

The Active checkbox allows you to predefine any merchandising rule and then enable it quickly. You could, for example, set up a series of sales and then turn them on and off as desired.

Each merchandising rule has two parts: the *trigger* and the *calculation*. The trigger defines when the rule should be applied while the calculation describes what discount (or charge) is actually applied. Let's set up the trigger first.

14. In the Trigger area, click **Add**.
15. From the Condition list, choose **Subtotal for any Column**.

The desire here is to offer a discount whenever the items in the cart exceed \$50, so let's set the TotalPrice column accordingly.

16. From the column list, choose **TotalPrice** and from the operator list, choose **>=** (ColdFusion users, choose **GTE**). Finally, in the value field, enter **50** and press Tab.

Triggers

+ Add - Delete

| Separator | Conditions |
|-----------|------------------------------|
| | SubTotal of TotalPrice >= 50 |

Separator: Condition:

AND Subtotal for any column

If the subtotal of column TotalPrice is >= a value of 50

Next, let's define how much to discount.

17. From the Calculation list, choose **Based on multiple of column subtotal**.
18. From the column list, choose **TotalPrice** and in the **times** field, enter **0.15**. Leave the remaining settings at their default settings and click **OK** when you're done.

Calculation

Based on multiple of column subtotal

Subtotal of column TotalPrice times: 0.15 plus

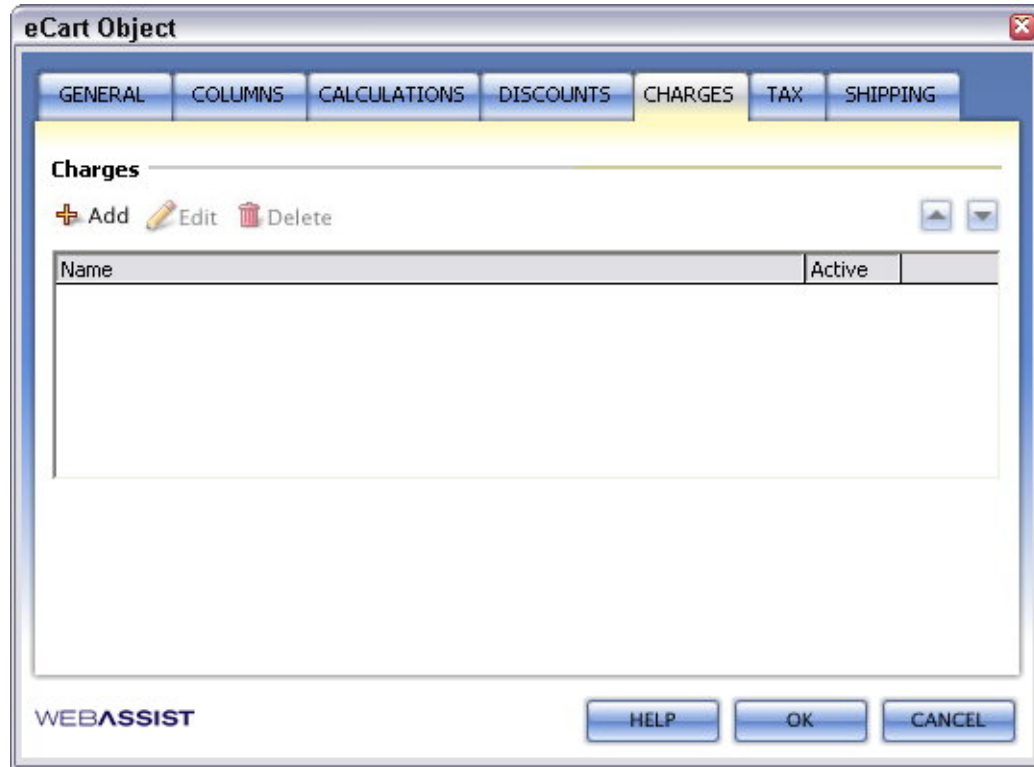
0

WEBASSIST

HELP OK CANCEL

Your new rule is added to the Discount tab; you can modify it by selecting it and clicking Edit at any time.

19. Click **Charges**.



Charges are defined in exactly the same way as discounts. Let's move to our two special charges: tax and shipping.

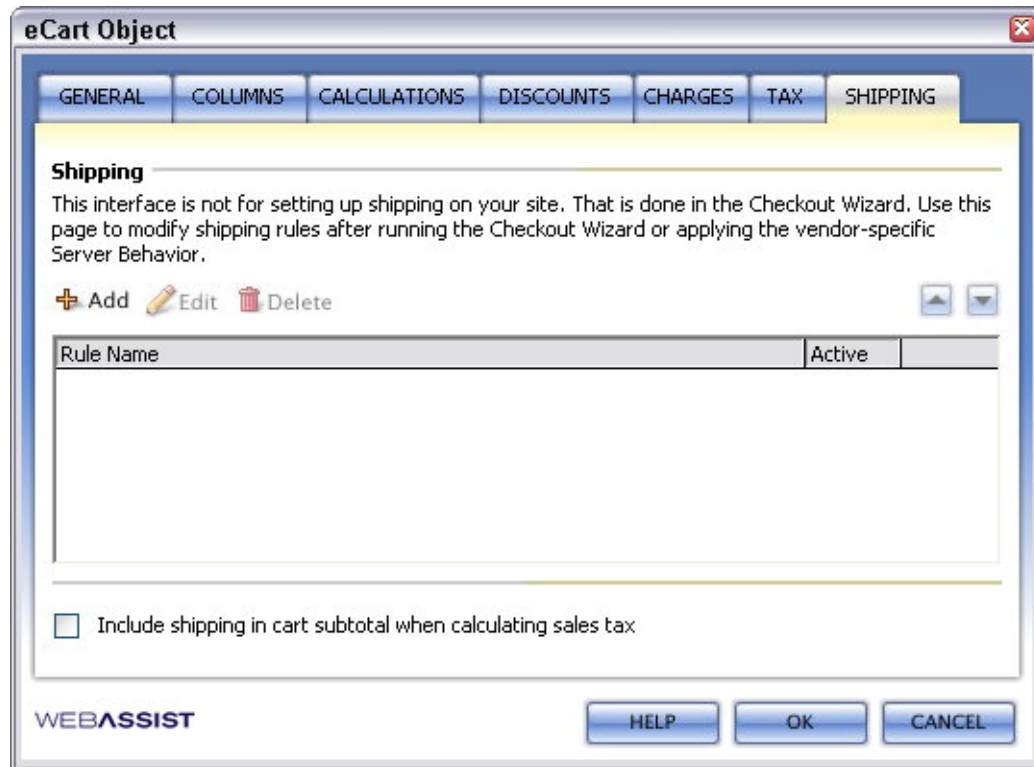
20. Click **Tax**.



The Tax tab of the eCart Object is best suited for creating more complex tax rules; a simple tax rule that applies to a single state or country can be easily generated in the Checkout Wizard, as you'll do later in this tutorial.

Note: If you do set up a tax rule in the Tax tab of the eCart Object, the Tax option does not appear in the Checkout Wizard.

21. Click **Shipping**.



The Shipping tab becomes useful after you've run the Checkout Wizard; any rules established during that process may be modified here.

22. When you're finished examining the eCart Object dialog, click **OK** to confirm your changes.

Now that your eCart object has been defined, you're ready to begin including Add to Cart buttons in your site.

Applying Add to Cart buttons to product pages

Add to Cart buttons are a prevalent feature of any online store. When a shopper clicks an Add to Cart button the associated item is added to their shopping cart. Typically, the shopper is then taken to a shopping cart page where they can view the entire cart, make any necessary changes and opt to continue shopping or check out.

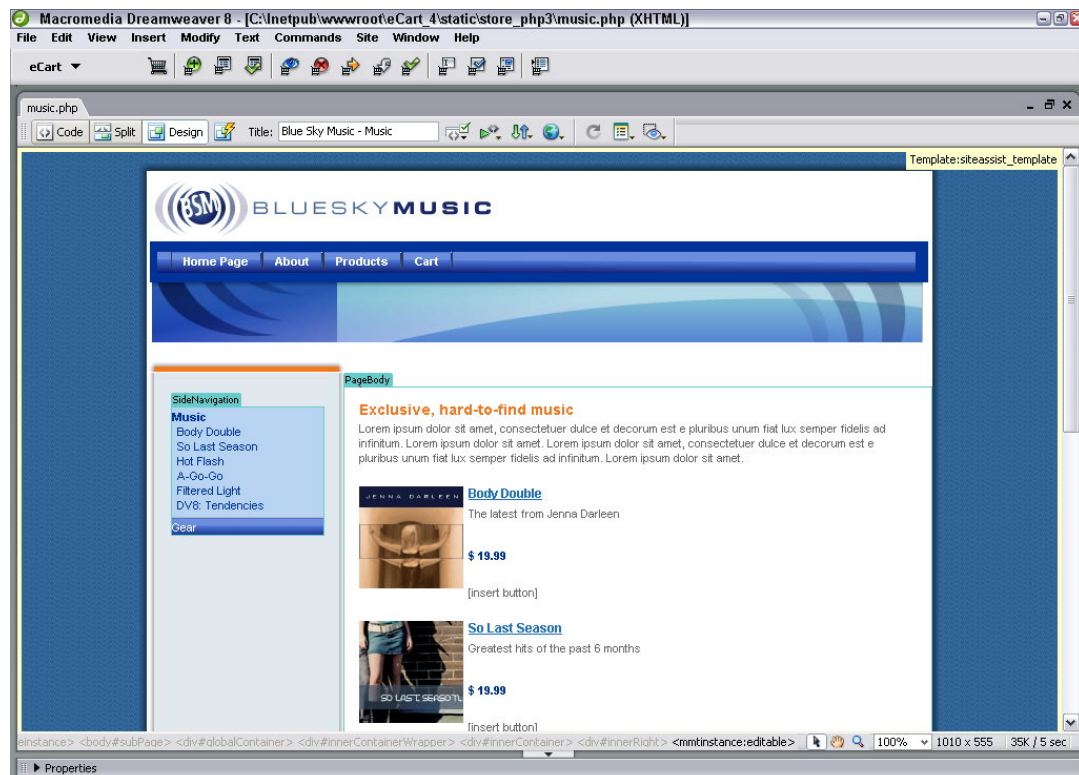
In this section of the tutorial, you'll insert Add to Cart buttons in both detail and catalog pages. The process, for both types of pages, is essentially the same. There are two key differences:

- First, the catalog page uses a Repeat Region server behavior surrounding the product information—and the Add to Cart button.
- Second, the recordsets for the pages are different: the detail page recordset is filtered by a URL parameter, ID while the recordset on the catalog pages is filtered by a database value, product category.

To insert an Add to Cart button into a catalog page

There are two catalog pages included in the sample store: music and gear. Both are identical in design: only the products listed on them are different. In this exercise, you'll insert an add to cart button for the music catalog page.

1. In the Files panel, double-click the **music** page for your server model (music.php, music.asp or music.cfm).



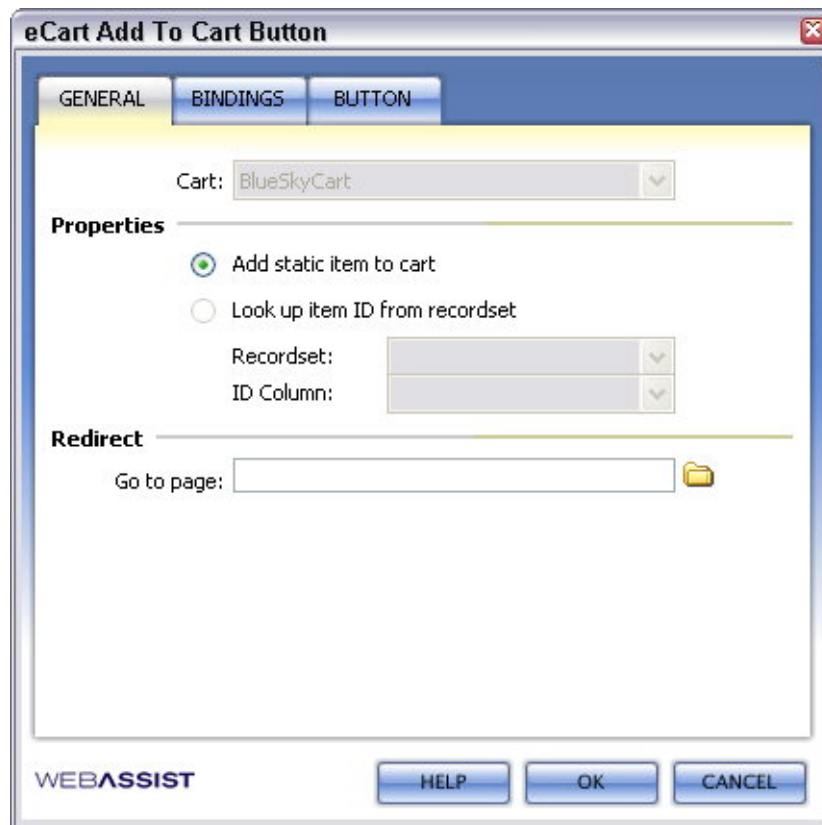
2. Select the placeholder text **[insert button]**.

eCart will automatically replace the selected text with the object.

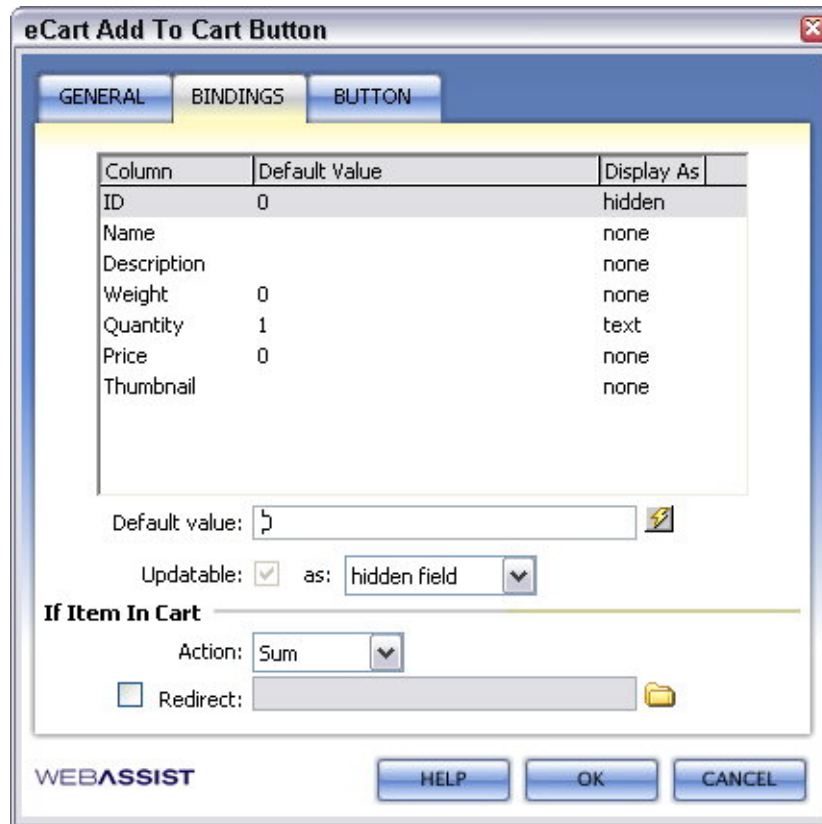
3. From the eCart category of the Insert bar, choose **eCart Add to Cart Button**.



4. In the General tab of the Add to Cart Button dialog box, leave the Add static item to cart option selected.



5. Click the **Go to page** folder icon and navigate to the **cart** page for your server model. Click **OK**.
6. Click **Bindings**.



The Bindings tab is where you connect shopping cart columns to database columns or static data. The first shopping cart column, ID, has already been assigned based on the selection made on the General tab.

7. Select **ID** and, in the Default value field, enter **1** and press Tab. Keep the other settings as they are.

You'll notice that when you tab away from the field, your settings are updated.

The process is basically the same for the other shopping cart elements.

8. Enter information for the remaining shopping cart columns:
 - Choose **Name**. In the Default value field, enter **Body Double** and press Tab.
 - Choose **Description**. In the Default value field, enter **The latest from Jenna Darleen** and press Tab.

- Choose **Weight**. In the Default value field, enter **0.5** and press Tab.
- Leave **Quantity** at its default settings.
- Choose **Price**. In the Default value field, enter **19.99** and press Tab.
- Choose **Thumbnail**. In the Default value field, enter **cd1.jpg** and press Tab.

| Column | Default Value | Display As |
|-------------|-------------------------------|------------|
| ID | 1 | hidden |
| Name | Body Double | none |
| Description | The latest from Jenna Darleen | none |
| Weight | 0.5 | none |
| Quantity | 1 | text |
| Price | 19.99 | none |
| Thumbnail | cd1.jpg | none |

Default value:

Updatable: ☐ as:

If Item In Cart

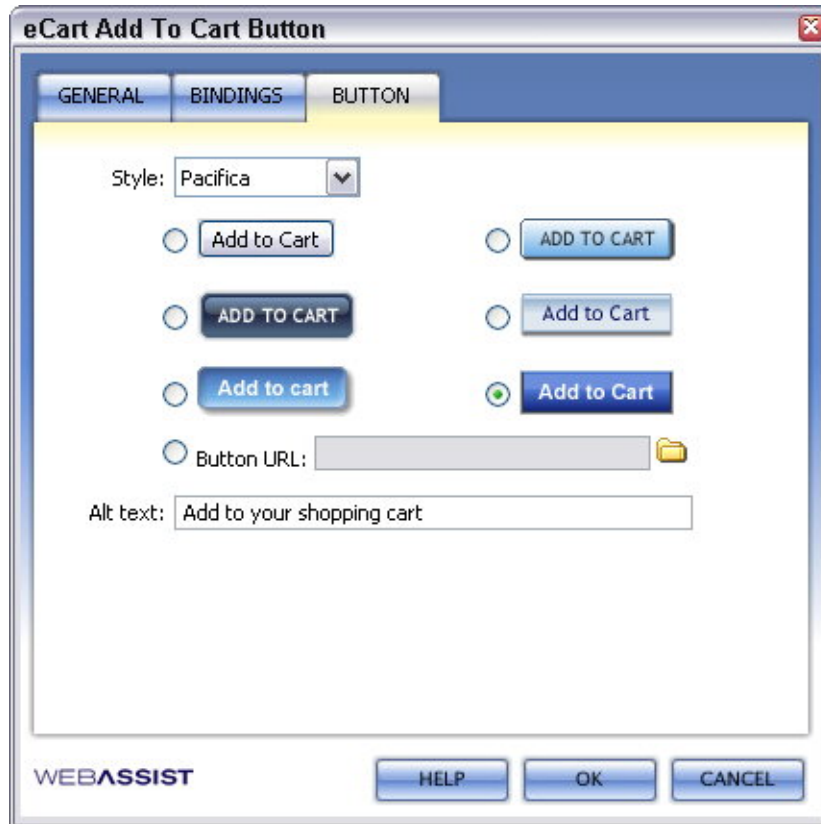
Action:

☐ Redirect:

WEBASSIST HELP OK CANCEL

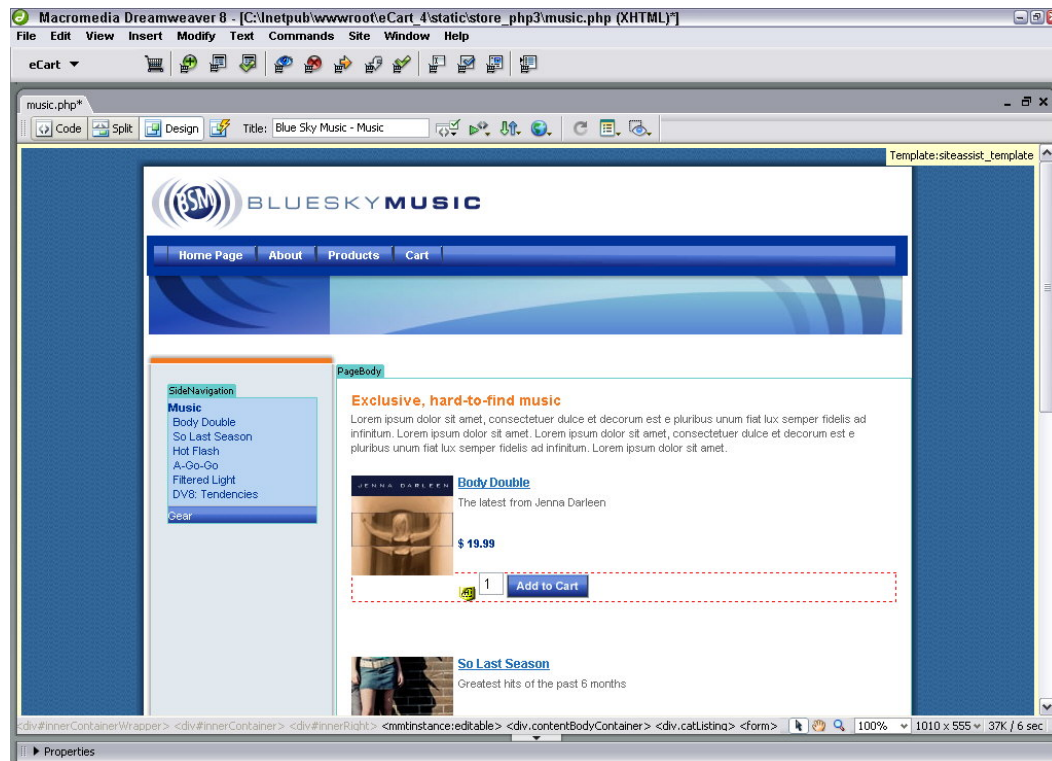
The Quantity column is defined as an updateable text field so that customers can determine the number of items to put in their cart.

9. Leave the default values in the **If Item In Cart** area and switch to the **Button** tab.
10. In the Button tab, leave the Style at the current setting and choose the **last button in the right column**. In the Alt text field, enter **Add to your shopping cart** and press Tab. Click **OK** when you're done.



Note: If you don't like any of the button styles available, you can use your own: just select the Button URL option and enter the Web address to your button image.

Your Add to the Cart button is inserted into the page, with all the necessary server-side code.



11. Save your page.

The first item on the music page is now complete and now your task is insert the Add to Cart button for the remaining items.

1. Select **[insert cart]** below each item.
2. Repeat steps 3 – 11 of the previous exercise, entering in the appropriate details for each item.

Note: You'll find all the details needed for completing this task in the Blue_Sky_Music_Data.xls file in your order history.

3. Once you've completed this detail page, you're free to repeat the process for the other catalog page. Begin by double-clicking the **gear** page for your server model (gear.php, gear.asp or gear.cfm) and following the above steps.

Styling Corrections

You'll notice that the field and button are misaligned. This unevenness is one of the results of using a CSS-based layout. The solution is to create a CSS class with a margin-bottom property, like this:

```
.alignField { margin-bottom: 7px; }
```

Note: The pixel value may vary depending on the image button selected.

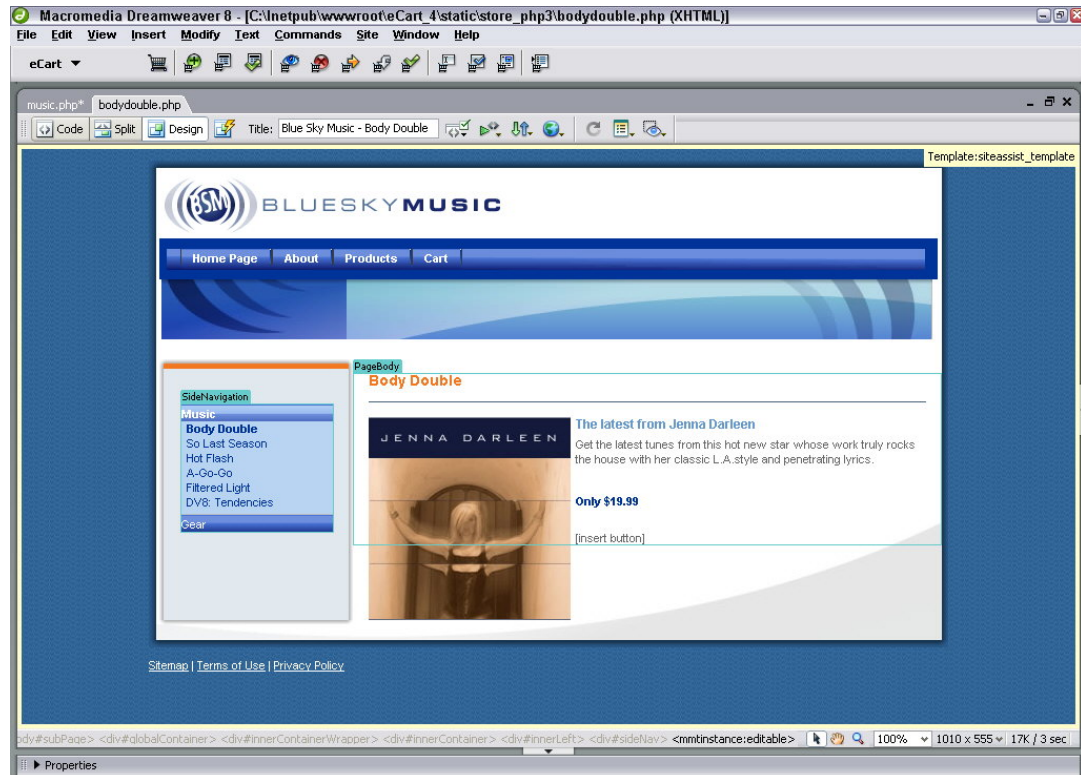
Once created, this class should be applied to the quantity text field. When previewed in Firefox, Safari or Opera browser, the field and button will align; however, you may notice a slight variation in Dreamweaver. Internet Explorer, on the other hand, needs a little special handling to compensate for the difference in rendering. The best way to handle Internet Explorer rendering issues is through conditional comments. Place the following in the head editable region:

```
<!--[if IE]>
<style>
    .alignField { margin-bottom: 5px; }
</style>
<![endif]-->
```

To insert an Add to Cart button into a detail page

As the name implies, a detail page provides information in greater depth than the catalog pages about a single item. The process for inserting an Add to Cart button in a detail page is the same as it is for the catalog page.

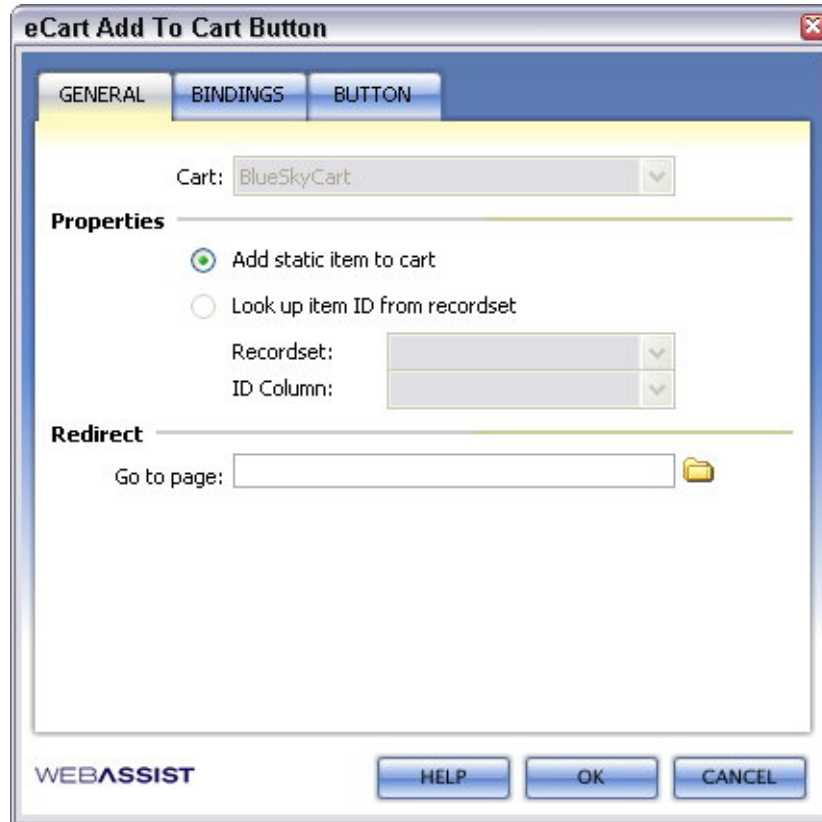
1. In the Files panel, double-click the **bodydouble** page for your server model (bodydouble.php, bodydouble.asp or bodydouble.cfm).



2. Select the placeholder text **[insert button]**.
eCart will automatically replace the selected text with the object.
3. From the eCart category of the Insert bar, choose **eCart Add to Cart Button**.



4. In the General tab of the Add to Cart Button dialog box, leave the Add static item to cart option selected.



5. Click the **Go to page** folder icon and navigate to the **cart** page for your server model. Click **OK**.
6. Click **Bindings**.

The screenshot shows the 'eCart Add To Cart Button' dialog box with the 'BINDINGS' tab selected. It contains a table mapping shopping cart columns to database columns or static data.

| Column | Default Value | Display As |
|-------------|---------------|------------|
| ID | 0 | hidden |
| Name | | none |
| Description | | none |
| Weight | 0 | none |
| Quantity | 1 | text |
| Price | 0 | none |
| Thumbnail | | none |

Below the table, there is a 'Default value:' field with a lightning bolt icon. Below that, an 'Updatable:' checkbox is checked, and the 'as:' dropdown is set to 'hidden field'. A section titled 'If Item In Cart' has an 'Action:' dropdown set to 'Sum' and a 'Redirect:' checkbox that is unchecked. At the bottom are 'HELP', 'OK', and 'CANCEL' buttons, and the 'WEBASSIST' logo.

The Bindings tab is where you connect shopping cart columns to database columns or static data. The first shopping cart column, ID, has already been assigned based on the selection made on the General tab.

7. Select **ID** and, in the Default value field, enter **1** and press Tab. Keep the other settings as they are.

You'll notice that when you tab away from the field, your settings are updated.

The process is basically the same for the other shopping cart elements.

8. Enter information for the remaining shopping cart columns:
 - Choose **Name**. In the Default value field, enter **Body Double** and press Tab.
 - Choose **Description**. In the Default value field, enter **The latest from Jenna Darleen** and press Tab.

- Choose **Weight**. In the Default value field, enter **0.5** and press Tab.
- Leave **Quantity** at its default settings.
- Choose **Price**. In the Default value field, enter **19.99** and press Tab.
- Choose **Thumbnail**. In the Default value field, enter **cd1.jpg** and press Tab.

| Column | Default Value | Display As |
|-------------|-------------------------------|------------|
| ID | 1 | hidden |
| Name | Body Double | none |
| Description | The latest from Jenna Darleen | none |
| Weight | 0.5 | none |
| Quantity | 1 | text |
| Price | 19.99 | none |
| Thumbnail | cd1.jpg | none |

Default value:

Updatable: ☐ as:

If Item In Cart

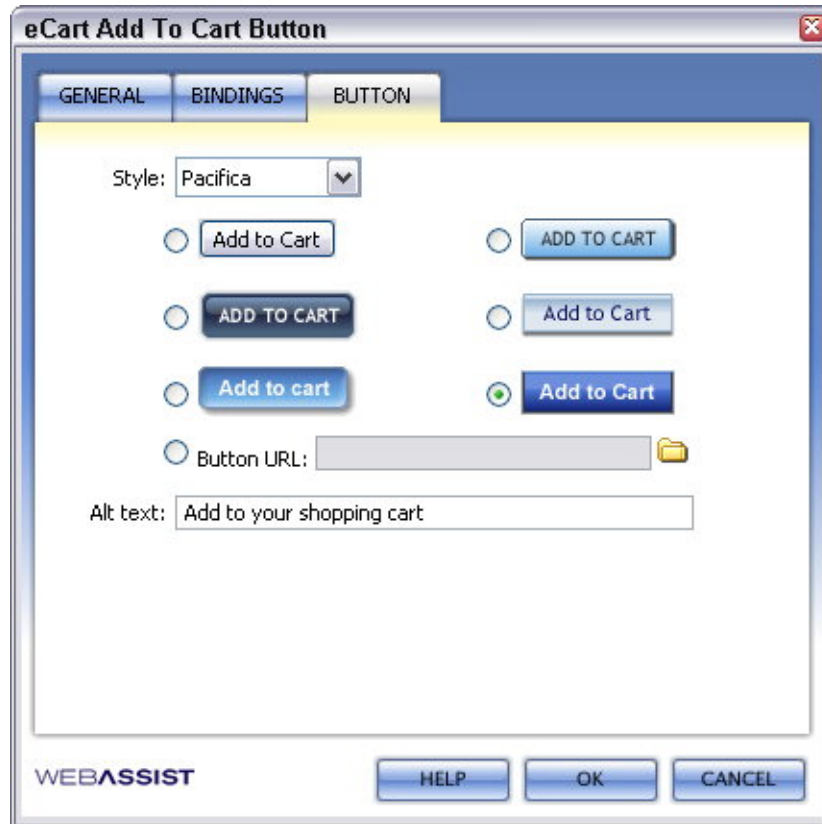
Action:

☐ Redirect:

WEBASSIST HELP OK CANCEL

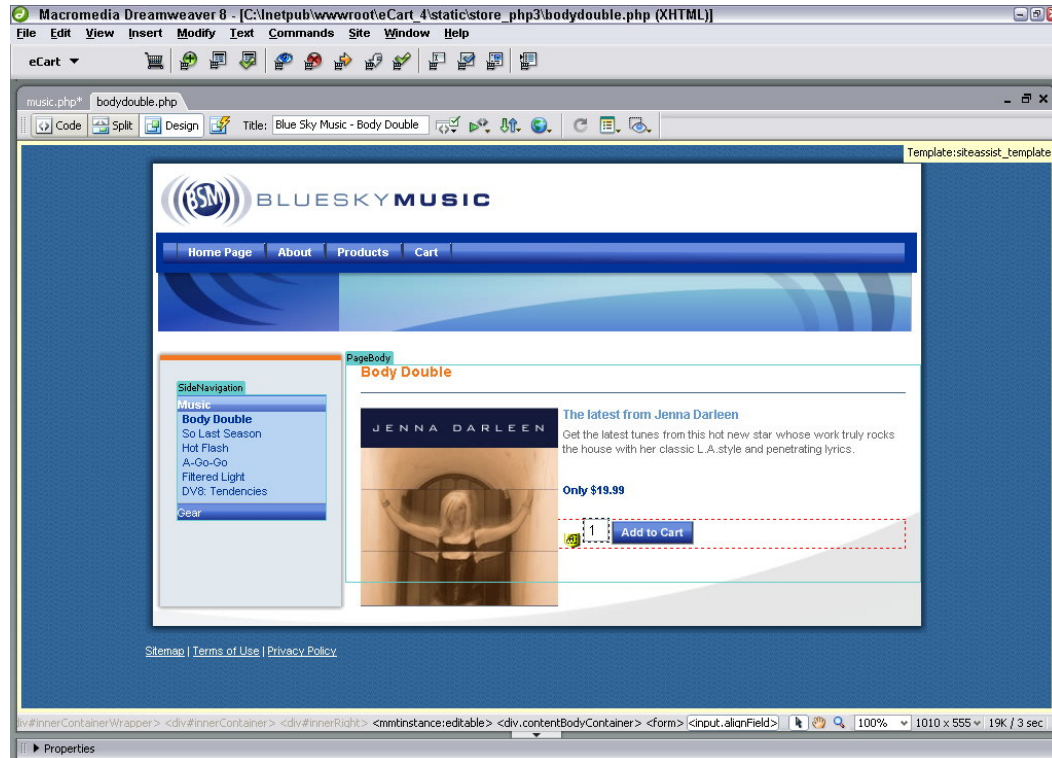
The Quantity column is defined as an updateable text field so that customers can determine the number of items to put in their cart.

9. Leave the default values in the **If Item In Cart** area and switch to the **Button** tab.
10. In the Button tab, leave the Style at the current setting and choose the **last button in the right column**. In the Alt text field, enter **Add to your shopping cart** and press Tab. Click **OK** when you're done.



Note: If you don't like any of the button styles available, you can use your own: just select the Button URL option and enter the Web address to your button image.

Your Add to the Cart button is inserted into the page, with all the necessary server-side code.



11. Save your page.

To complete the catalog, you'll need to apply the same steps to the following pages in your site:

- agogo
- ballcap
- dv8tendencies
- filteredlight
- hotflash
- knitcap
- solastseason
- sportbackpack
- travelmug
- traveltote

Displaying the shopping cart contents

Online customers need to see what is inside their cart at numerous times during the shopping experience. The cart contents are displayed so that shopper can verify a selected item is present, change the quantity of an item, remove an unwanted item, and confirm the current cost of their purchases. In some situations, the contents of the cart are modifiable and in others, the contents are presented as a confirmation of their order.

The eCart Display Manager is equipped to handle all these situations, and more. The Display Manager is capable of creating four types of cart displays:

- **Updateable** - An updateable cart display allows the customer to update quantities and remove items from the cart; such a cart is often shown after an item has been added to the cart and before check out.
- **Read-only** - The read-only cart is useful for confirming intended purchases just prior to check out.
- **Quick Cart** - The quick cart shows the current total and number of items in the cart.
- **Email-friendly** - An email-friendly cart uses inline CSS for HTML email receipts sent to customers.

One of the key features of the Display Manager is the ability to include the custom columns previously set-up in the eCart object. This ability gives you complete control over the data shown in your cart. Moreover, any discounts or charges established in the eCart object may also be displayed, either individually or summarized.

The Display Manager also includes a series of buttons for interacting with the cart: updating a change, clearing the entire cart, continuing to shop or checking out. The language used in the buttons is set in the eCart object. Whether standard form buttons or custom button images are incorporated in the display, along with the general look-and-feel of cart, is determined in the Display Manager. eCart includes 3 separate layouts each with 11 color schemes. The layouts are implemented in CSS and the graphics provided automatically.

To add an editable shopping cart display:

1. From Dreamweaver's File panel, open the **cart** page for your server model (cart.php, cart.asp or cart.cfm).
2. Select the placeholder text **[insert cart]**.
3. From the Insert bar's WebAssist > eCart category, choose **Display Manager**.



The eCart Display Manager uses a three-part wizard interface. The first step is to determine the overall display type and layout.

4. In Step 1, from the Display layout list, choose **Clean** from the Design list, **Pacifica** from the Color scheme list and, **Verdana, Arial, Helvetica, sans-serif** from the Font list. Set the Display type as **Updateable Cart** and select **Image** from the Button type list. If you'd like to see the design in more detail, click the preview to view the layout in your browser. When you're done, click **Next**.

eCart Display Manager

Step 1 of 3: Configure the design of your cart

Use these settings to configure the design of your cart. The preview reflects your design choices, but not your specific cart columns, discount or charges.

Settings



Design: Clean Display type: Updateable cart

Color scheme: Pacifica Button type: Image

Font: Verdana, Arial, Helvetica, sans-serif

Preview

Your Shopping Cart

| Name | Price | Quantity | Remove | Total |
|--|---------|----------|--------------------------|-----------------|
|  Item One This is a description for item one | \$69.99 | 1 | <input type="checkbox"/> | \$69.99 |
|  Item Two This is a description for item two | \$42.00 | 2 | <input type="checkbox"/> | \$84.00 |
| Sub-total | | | | \$193.99 |
| Discounts | | | | -\$15.40 |
| Charges | | | | \$2.50 |
| Shipping | | | | \$25.00 |
| Tax | | | | \$11.27 |
| Total: | | | | \$178.46 |

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5. In Step 2, make sure that the chosen cart is BlueSkyCart.. Keep the columns chosen by default with their default labels and press Next.

eCart Display Manager

Step 2 of 3: Configure the columns of your cart

Choose the shopping cart columns and labels to display. To include a new column, click Add; to remove a selected column, click Delete. Adjust column order with the Up and Down buttons.

Cart: BlueSkyCart

Cart columns

+ Add - Delete

| Name | Label |
|-----------------|-------------|
| Name | Name |
| Description | Description |
| Price | Price |
| Quantity Edit | Quantity |
| Delete Checkbox | Remove |
| TotalPrice | Total |

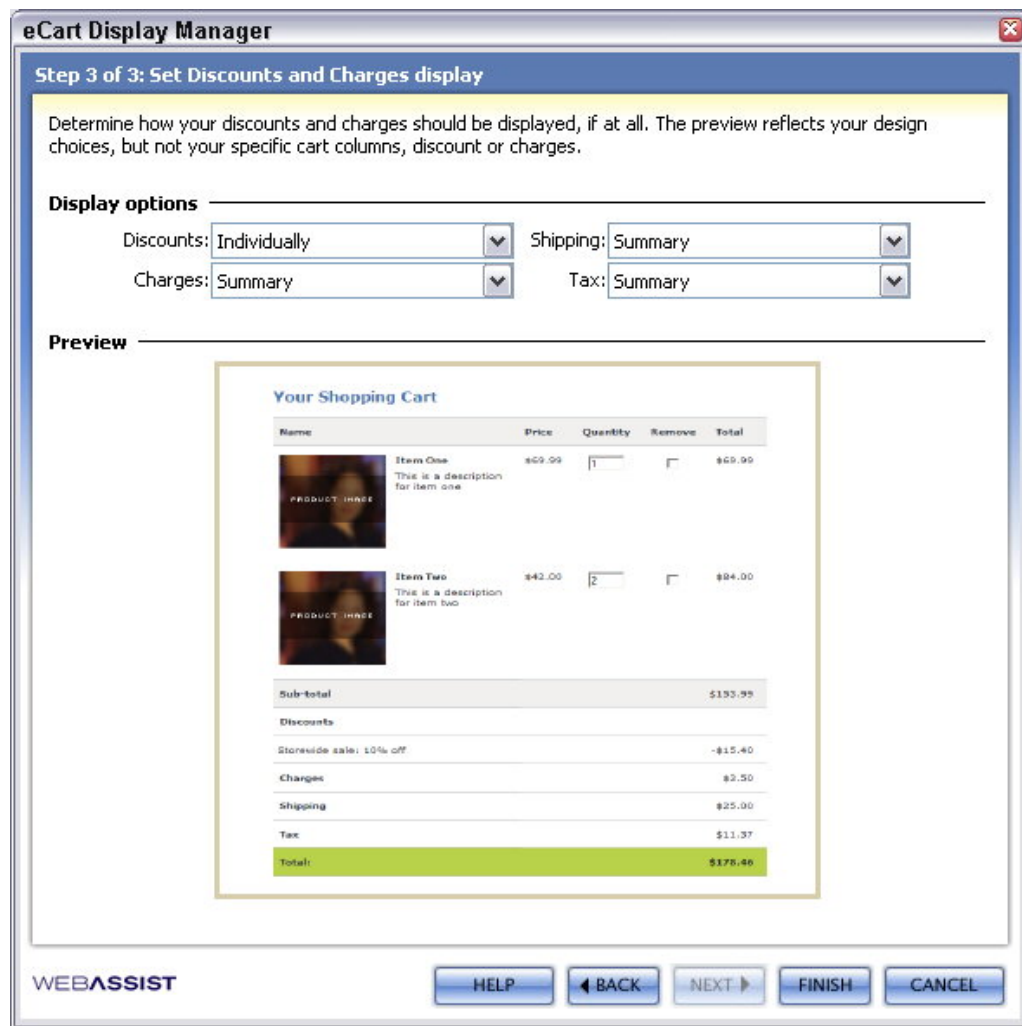
Label: Name

WEBASSIST

HELP BACK NEXT FINISH CANCEL

eCart lets you customize the labels that appear over each column in the shopping cart. To change a label, select an entry and modify the text in the Label field. Press Tab to confirm your changes.

6. In Step 3, from the Discounts list, choose Individually. Again, if you'd like to see the layout in more detail, click Preview to view the page in your browser. When you're done click Finish to complete the wizard.



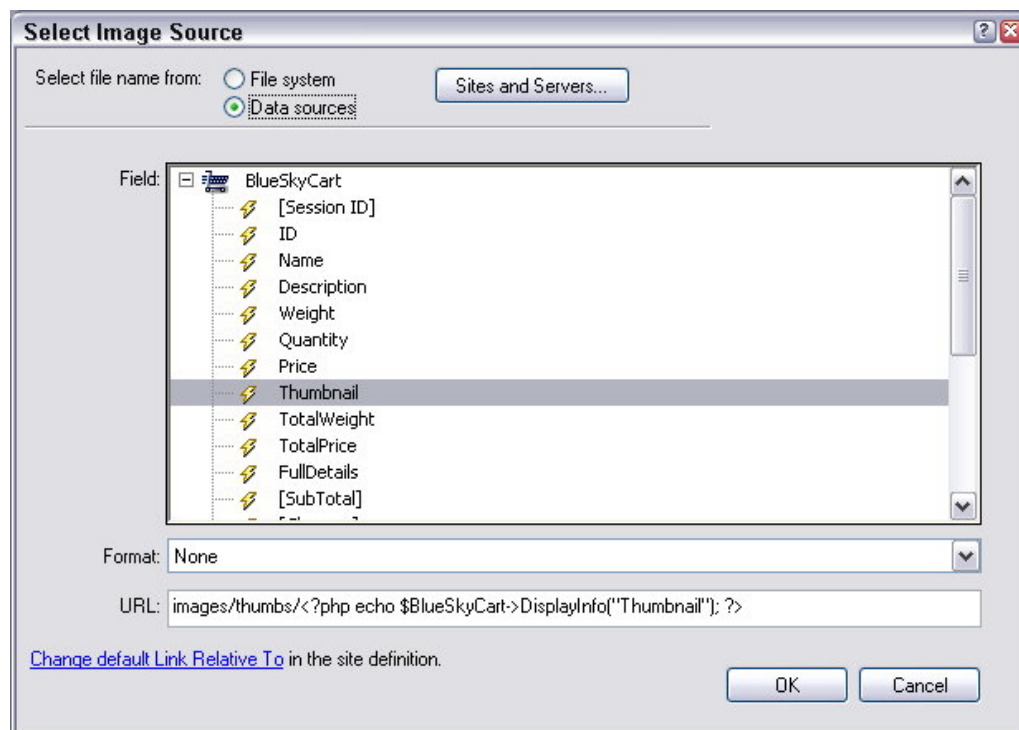
The Display Manager builds the requested shopping cart display, inserts the needed CSS and copies button images into your site. You can preview exactly what the cart will look like by choosing Hide All Visual Aids from View options on the Document toolbar.

Note: The next time you use the Display Manager, the first screen you'll see displays the previous settings used. To re-use the previous settings, click Finish. To alter the settings, click Next. This is an effective way to rebuild the shopping cart display while just altering one or two options.

Now, let's add the thumbnail image to your cart.

- Double-click the **image placeholder**. When the Select Image Source dialog box opens, choose the **Data Sources** option.

8. Expand the **BlueSkyCart** entry and select **Thumbnail**. In the URL field, enter **images/thumbs/** prior to the inserted code. Click **OK**.





The shopping cart column contains the filename for the image and you need to add the proper path.

9. In the Property inspector, change the **Width** value to **99** and the **Height** value to **97**.
10. Save your page.

eCart displays all the possible categories in Dreamweaver—including Charges, Discounts, Shipping and Tax—but, at run-time, only the needed items are shown. For example, if your customer purchases under \$50 with the sample store, the shopping cart does not display a discount. However, with purchases over \$50, the discount is revealed.

Your Shopping Cart

| Name | Price | Quantity | Remove | Total |
|---|---------|----------|--------------------------|---------|
|  So Last Season Greatest hits of the past 6 months | \$19.99 | 1 | <input type="checkbox"/> | \$19.99 |
|  HotFlash Super songs from 8 track days | \$19.99 | 2 | <input type="checkbox"/> | \$39.98 |
| Sub-total | | | | \$59.97 |
| Discounts | | | | |
| 15% off over \$50 | | | | -\$9.00 |
| Total: | | | | \$50.97 |

[Continue Shopping](#)
[Clear cart](#)
[Update](#)
[Checkout](#)

To test your cart at this point, open any of the previously built pages and preview them in the browser. Add an item to the cart and the newly built cart page will appear. Select Continue Shopping to add more items.

Building checkout pages

The eCart Checkout Wizard builds all the remaining pages you'll need to complete your online store. In doing so, the Checkout Wizard handles all of the following eCommerce tasks:

- Gathers customer information
- Sets up a tax rule
- Retrieves real-time shipping quotes
- Integrates predetermined discounts and charges

- Confirms the customer order
- Establishes a connection to the payment gateway
- Displays transaction success or failure pages
- Stores orders and order details in a database
- Emails customer receipt*

* If a current version of Universal Email is installed.

Note: The Checkout Wizard meets these challenges by offering you an array of options, including your choice of payment gateway, type of shipping, tax rules (if any) etc. The following steps provide one example workflow, yours may vary. You'll need your own payment gateway account and, if real-time quotes are desired, shipping account.

To set up your checkout pages with the Checkout Wizard

1. From the Files panel, double-click the **cart** page for your server model (cart.php, cart.asp or cart.cfm).

The requirements for running the Checkout Wizard are a) you must have applied the Display Manager to your site at least once and b) the current page must include a checkout button. The cart page meets both of these requirements.

2. From the eCart category of the Insert bar, choose eCart Checkout Wizard.



3. On Step 1 of the Checkout Wizard, choose your primary gateway from the **Payment Gateway** list. For my account, I'll choose PayPal.

eCart Checkout Wizard

Welcome to eCart Checkout Wizard

The checkout process gathers information from a variety of sources. This includes information about your site, payment processor, and optional shipping quote provider.

Select your payment gateway:

PayPal

Where will payments be processed?

Locally — Process payments on your site

- ☒ Website Payments Pro - US
- ☐ Website Payments Pro - UK
- ☐ Payflow Pro

Remotely — Process payments at provider's site

- ☐ Website Payments Standard
- ☐ Payflow Link

Will you offer shipping services?

☒ Yes ☐ No

Which cart will this checkout be for:

BlueSkyCart

Need help?

[What's a payment gateway?](#)

SIGN UP FOR A GATEWAY

Want to see the entire process? See the Checkout Feature Tour.

LAUNCH FEATURE TOUR

WEBASSIST

HELP GET STARTED CANCEL

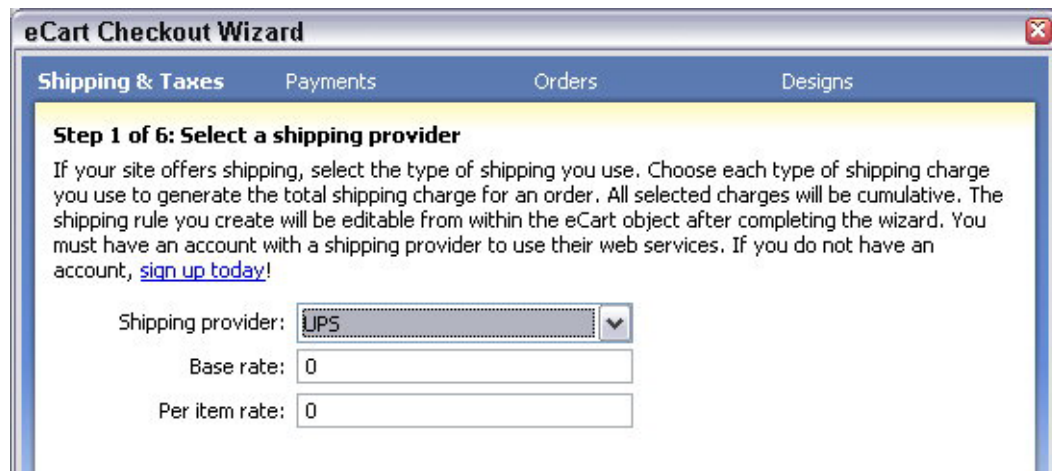
As you select different payment gateways, the secondary options change according to what is available.

4. Select the type of gateway service you'd like from the **Where will payments be processed?** area. I'll select **Website Payments Pro – US**.
5. If your cart is to include shipping services, click **Yes** in the **Will you offer shipping services?** area.

6. Make sure that BlueSkyCart is selected in the list of carts and click **Get Started**.

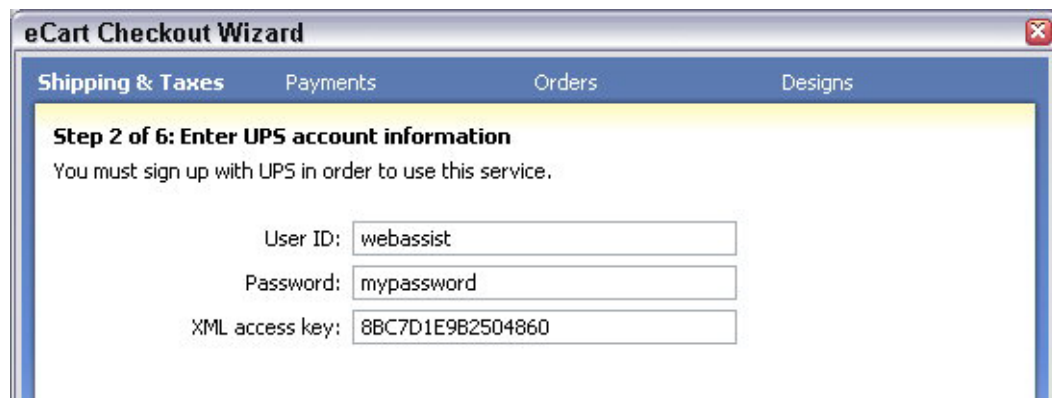
First, let's specify our shipping and taxes.

7. From the **Shipping Provider** list, choose the shipper you'd like to get real-time quotes from; I'll choose **UPS**. If you would prefer to work with a flat shipping rate, enter the desired values in the **Base rate** and **Per item rate** fields. Click **Next**.



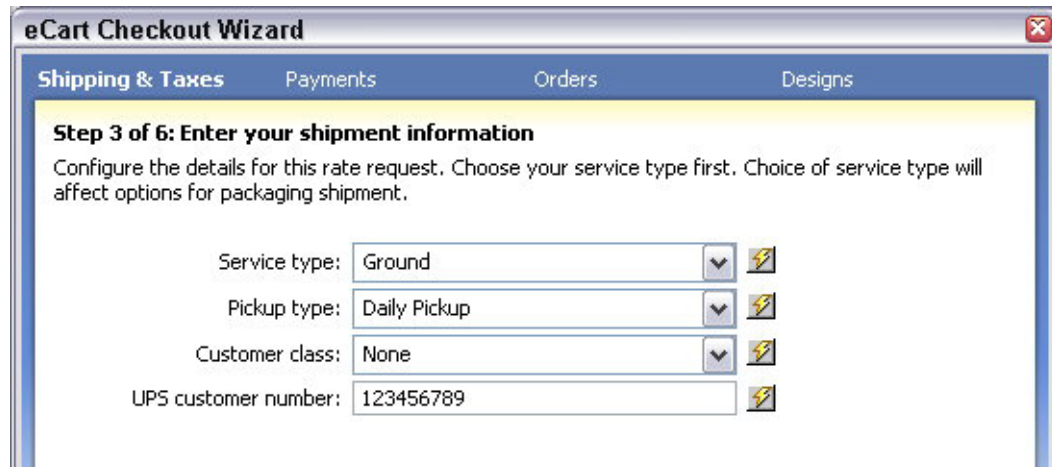
The screenshot shows the 'eCart Checkout Wizard' window with the 'Shipping & Taxes' tab selected. The title bar reads 'eCart Checkout Wizard'. The window has four tabs: 'Shipping & Taxes', 'Payments', 'Orders', and 'Designs'. The main content area is titled 'Step 1 of 6: Select a shipping provider'. Below the title, there is a paragraph of instructions: 'If your site offers shipping, select the type of shipping you use. Choose each type of shipping charge you use to generate the total shipping charge for an order. All selected charges will be cumulative. The shipping rule you create will be editable from within the eCart object after completing the wizard. You must have an account with a shipping provider to use their web services. If you do not have an account, [sign up today!](#)'. Below the instructions, there are three input fields: 'Shipping provider:' with a dropdown menu showing 'UPS', 'Base rate:' with a text box containing '0', and 'Per item rate:' with a text box containing '0'.

8. Next, enter your account information; the required items vary according to the shipping provider. Click **Next** when you're done.



The screenshot shows the 'eCart Checkout Wizard' window with the 'Shipping & Taxes' tab selected. The title bar reads 'eCart Checkout Wizard'. The window has four tabs: 'Shipping & Taxes', 'Payments', 'Orders', and 'Designs'. The main content area is titled 'Step 2 of 6: Enter UPS account information'. Below the title, there is a paragraph of instructions: 'You must sign up with UPS in order to use this service.' Below the instructions, there are three input fields: 'User ID:' with a text box containing 'webassist', 'Password:' with a text box containing 'mypassword', and 'XML access key:' with a text box containing '8BC7D1E9B2504860'.

9. Now, enter your packing details. Here, I'll select UPS Ground as my basic service and fill out the other values as needed. Click **Next** to continue.



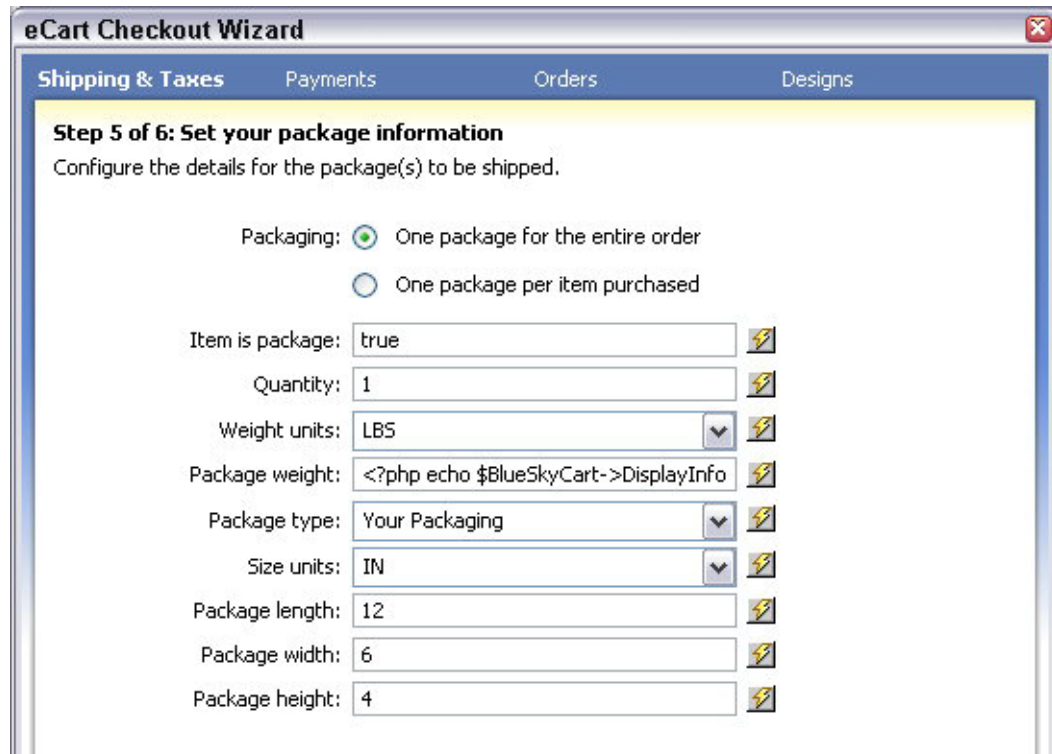
The screenshot shows the 'eCart Checkout Wizard' window with the 'Shipping & Taxes' tab selected. The title bar reads 'eCart Checkout Wizard'. The window has four tabs: 'Shipping & Taxes', 'Payments', 'Orders', and 'Designs'. The main content area is titled 'Step 3 of 6: Enter your shipment information' and includes the instruction: 'Configure the details for this rate request. Choose your service type first. Choice of service type will affect options for packaging shipment.' Below this, there are four input fields: 'Service type' (dropdown menu set to 'Ground'), 'Pickup type' (dropdown menu set to 'Daily Pickup'), 'Customer class' (dropdown menu set to 'None'), and 'UPS customer number' (text box containing '123456789'). Each dropdown menu has a lightning bolt icon to its right.

10. The shipping origin comes next. Enter your **City**, **State**, **Postal code** and **Country**. Click **Next**.



The screenshot shows the 'eCart Checkout Wizard' window with the 'Shipping & Taxes' tab selected. The title bar reads 'eCart Checkout Wizard'. The window has four tabs: 'Shipping & Taxes', 'Payments', 'Orders', and 'Designs'. The main content area is titled 'Step 4 of 6: Select your shipping origin' and includes the instruction: 'Enter the location from which the order will be shipped. Postal code is the only required field for shipments within the United States. Countries marked with an asterisk require a postal code.' Below this, there are four input fields: 'City' (text box containing 'Encinitas'), 'State' (dropdown menu set to 'California'), 'Postal code' (text box containing '92024'), and 'Country' (dropdown menu set to 'United States*'). Each dropdown menu has a lightning bolt icon to its right.

11. The last shipping step is to set your package information. First, declare whether all items purchased will be sent together or separately. In this example, I'll choose **One package for the entire order**. Next, set the specifics for your package. Certain fields are likely to be filled with dynamic data. For example, **Package weight** requires the total weight of the order; this value can be retrieved by clicking the lightning bolt and choosing TotalWeight from the cart data bindings. Complete the remaining fields and click **Next**.



eCart Checkout Wizard

Shipping & Taxes Payments Orders Designs

Step 5 of 6: Set your package information

Configure the details for the package(s) to be shipped.

Packaging: ☒ One package for the entire order
☐ One package per item purchased

Item is package: ⚡

Quantity: ⚡

Weight units: ⚡

Package weight: ⚡

Package type: ⚡

Size units: ⚡

Package length: ⚡

Package width: ⚡

Package height: ⚡

Note: Be sure to checking the packaging requirements with your provider. Entering improper information may result in an error when retrieving your shipping quote.

- Next, you'll set up your tax rules. If you'd rather create the rules yourself, click **No thanks, I'll handle tax calculations myself**. Otherwise, enter the desired **Tax Rate** and choose to whom it should be applied: **All purchasers, Residents of a particular US state or Canadian province**, or **Residents of a country**. If you'd like to include the shipping cost in your cart subtotal when calculating tax, click that option. Click **Next**.

eCart Checkout Wizard

Shipping & Taxes | Payments | Orders | Designs

Step 6 of 6: Create a tax rule

If your site charges a sales tax or VAT to some or all of your customers you can specify a tax rule here. The tax rule you apply will be editable within the eCart object, where you can create more complex tax rules.

☐ No thanks, I'll handle tax calculations myself

Tax rate: %

Charge to: ☐ All purchasers

☒ Residents of a US state or Canadian province

☐ Residents of a country

☐ Include shipping in cart subtotal when calculating sales tax

13. Now, let's move on to your payment gateway. Again, the requested information varies according to the service. Here, I've entered the values needed for PayPal Website Standard Pro: **Username**, **Password** and **Signature**. Click **Next** when you're ready.

eCart Checkout Wizard

Shipping & Taxes ✓ | Payments | Orders | Designs

Step 1 of 2: Specify payment provider account details

The following fields are required by the payment gateway you have chosen. Advanced options available for your payment provider are editable from within the payment provider server behavior applied to your page.

Username: Merchant account username with PayPal.

Password: Your merchant account password with PayPal.

Signature: Your merchant account signature with PayPal.

14. Next, you'll have an opportunity to set up your cart to accept PayPal payments with the PayPal Express Checkout option. PayPal Express

Checkout is required with my current payment gateway, PayPal Website Payments Pro, but all other gateways offer a checkbox option. Click **Next** to continue once you've made your selection.

eCart Checkout Wizard

Shipping & Taxes Shipping & Taxes Payments Orders Designs

Step 2 of 2: Include PayPal Express Checkout option

Please enter your PayPal account info:

Username:

Password:

Signature:

Checkout with PayPal

As a Payments Pro customer, PayPal Express Checkout is part of your checkout flow.

How does it work?

Fast, Secure Checkout with PayPal

Pay by Credit Card

Billing Address

First name:

Last name:

Street Address:

Billing Address:

Secure transaction at PayPal web site

Thank you for ordering

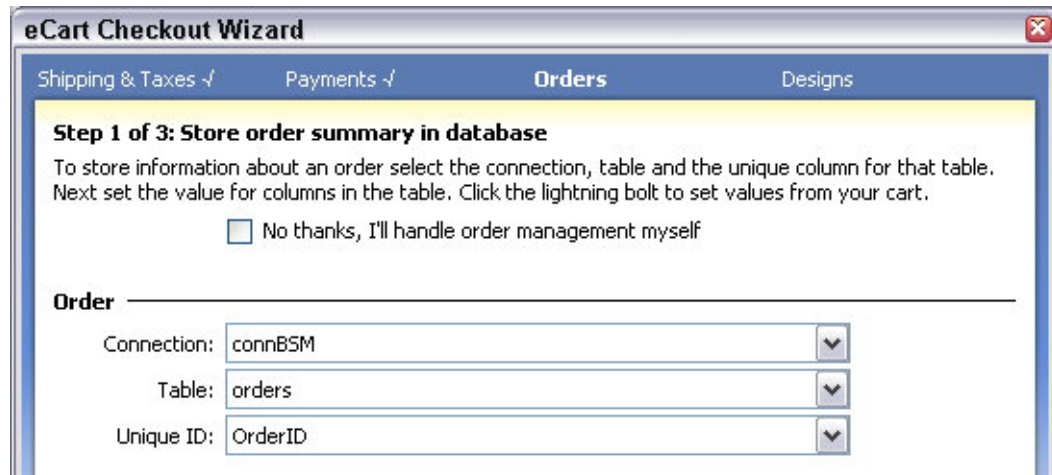
Users temporarily leave your site

Secure transaction at PayPal web site

Users return to your site's confirmation page

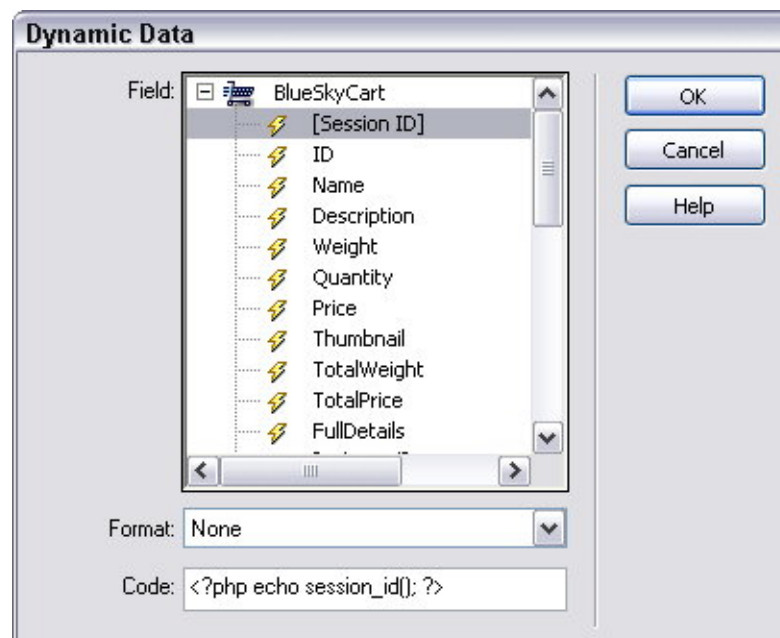
In the next steps, you'll set up the Checkout Wizard to handle your order management by storing the order and order details data in the appropriate database tables. The orders table is first.

- From the Connection list, choose **connBSM**. Select the Orders table (orders in PHP) from the Table list. Leave the default value in the Unique ID list.



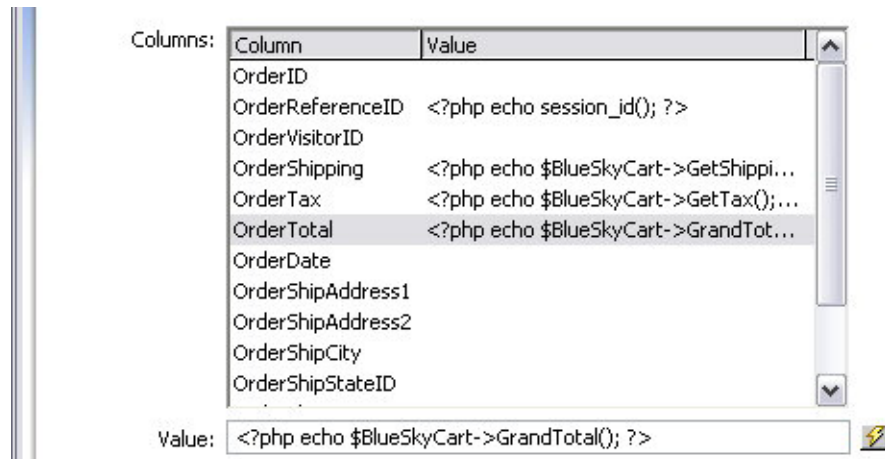
The second part of this step is to associate the table's database columns with the proper data. Let's start by binding the shopping cart values to the database columns.

16. Select **OrderReferenceID** and click the **lightning bolt**; in the Dynamic Data dialog box, expand the **BlueSkyCart** entry and choose **[Session ID]**. Repeat this procedure for the following database columns:



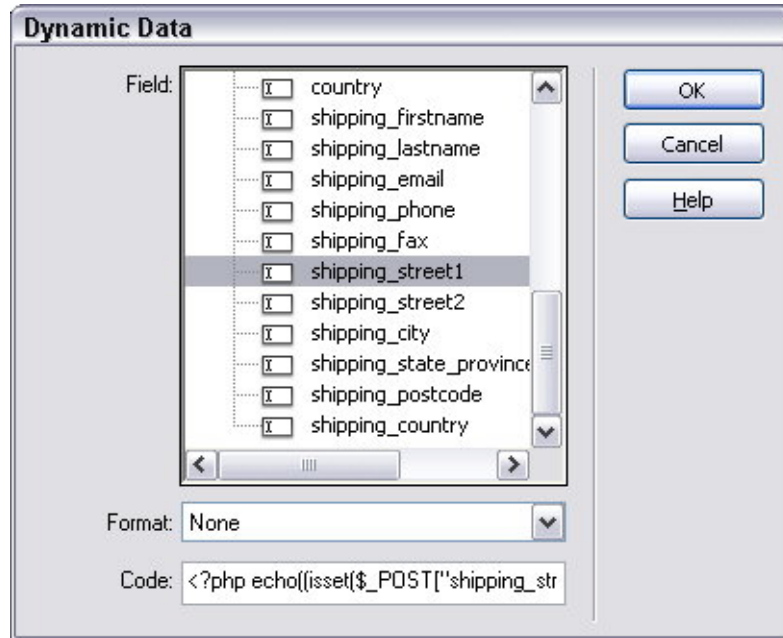
- Choose **OrderShipping**. Click the **lightning bolt** and select **[Shipping]**; click **OK**.

- Choose **OrderTax**. Click the **lightning bolt** and select **[Tax]**; click **OK**.
- Choose **OrderTotal**. Click the **lightning bolt** and select **[Grand Total]**; click **OK**.



The remaining database columns are related to shipping information that will be provided by the shopper through an HTML form. This data is also made available for binding by the Checkout Wizard.

17. Select **OrderShipAddress1** and click the **lightning bolt**; in the Dynamic Data dialog box, expand the **eCart Checkout Form** entry and choose **shipping_street1**. Repeat this procedure for the following database columns:



- Choose **OrderShipAddress2**. Click the **lightning bolt** and select **shipping_street2**; click **OK**.
 - Choose **OrderShipCity**. Click the **lightning bolt** and select **shipping_city**; click **OK**.
 - Choose **OrderShipStateID**. Click the **lightning bolt** and select **shipping_state_province**; click **OK**.
 - Choose **OrderShipZip**. Click the **lightning bolt** and select **shipping_postcode**; click **OK**.
 - Choose **OrderShipCountryID**. Click the **lightning bolt** and select **shipping_country**; click **OK**.
18. When you're done binding the Orders table, click **Next** to move to the OrderDetails table.
 19. From the **Table** list, choose **OrderDetails** (**orderdetails** in PHP).
 20. From the **Order ID** list, choose **DetailOrderID**.

eCart Checkout Wizard

Shipping & Taxes ✓ Payments ✓ **Orders** Designs

Step 2 of 3: Store order details in database

Select the table you store order details in and the column in that table that relates the table to the orders table.

Order details

Table: orderdetails

Order ID: DetailOrderID

Columns:

| Column | Value |
|---------------|--|
| DetailsID | |
| DetailOrderID | <?php echo ((isset(\$_SESSION["BlueSk... |

You select the DetailOrderID rather than the DetailID because you want to connect the data entered into this table to the related order in the Orders table. You'll notice that this automatically sets the DetailOrderID in the Columns area to a session variable with the Order ID value.

21. Select **DetailItemID** and click the **lightning bolt**; in the Dynamic Data dialog box, expand the **BlueSkyCart** entry and choose **ID**. Repeat this procedure for the following database columns:
 - Choose **DetailItemName**. Click the **lightning bolt** and select **Name**; click **OK**.
 - Choose **DetailItemDesc**. Click the **lightning bolt** and select **Description**; click **OK**.
 - Choose **DetailQuantity**. Click the **lightning bolt** and select **Quantity**; click **OK**.
 - Choose **DetailPrice**. Click the **lightning bolt** and select **Price**; click **OK**.
22. When you're done binding the OrderDetails table, click **Next**.

eCart Checkout Wizard

Shipping & Taxes ✓ Payments ✓ **Orders** Designs

Step 2 of 3: Store order details in database

Select the table you store order details in and the column in that table that relates the table to the orders table.

Order details

Table:

Order ID:

Columns:

| Column | Value |
|----------------|--|
| DetailsID | |
| DetailOrderID | <?php echo ((isset(\$_SESSION["BlueSk... |
| DetailItemID | <?php echo \$BlueSkyCart->DisplayInfo... |
| DetailItemName | <?php echo \$BlueSkyCart->DisplayInfo... |
| DetailItemDesc | <?php echo \$BlueSkyCart->DisplayInfo... |
| DetailQuantity | <?php echo \$BlueSkyCart->DisplayInfo... |
| DetailPrice | <?php echo \$BlueSkyCart->DisplayInfo... |

In the next step, you'll set up your email receipt. This step only appears if you have Universal Email 2.7.0 installed or higher.

23. Leave the default values in the **Email to** and **To display name** fields; these values are picked up from the form filled out by the customer. Enter your email address in the **From address** field, the name you want displayed in the **From display name** field and the subject in the **Subject** field.

The screenshot shows the 'eCart Checkout Wizard' dialog box with the 'Orders' tab selected. The title bar reads 'eCart Checkout Wizard'. The tabs are 'Shipping & Taxes', 'Payments', 'Orders', and 'Designs'. The current step is 'Step 3 of 3: Send email receipt'. Below the title, it says 'To send an order confirmation email to the customer, specify the email address options and email object settings.' There is a checkbox labeled 'No thanks, I'll handle the receipt myself' which is unchecked. Below this are several text input fields with lightning bolt icons to their right: 'Email to:' containing '<?php echo((isset(\$_POST["email"]))?\$_POST["email"]'; 'To display name:' containing '<?php echo((isset(\$_POST["firstname"]))?\$_POST["first'; 'From address:' containing 'orders@blueskymusic.com'; 'From display name:' containing 'Blue Sky Music Orders'; and 'Subject:' containing 'Your Receipt from Blue Sky Music'. Below these is the 'Email object' section with a dropdown menu showing 'Mail for Windows'. Further down are more text input fields with lightning bolt icons: 'Server Name:' containing 'smtp.blueskymusic.com'; 'Port:' containing '25'; 'Return Path:' containing 'orders@blueskymusic.com'; 'Organization:' (empty); 'X-Mailer:' (empty); and 'Character Set:' (empty). At the bottom left is the 'WEBASSIST' logo. At the bottom right are four buttons: 'HELP', '< BACK', 'NEXT >', and 'CANCEL'.

eCart Checkout Wizard

Shipping & Taxes ✓ Payments ✓ **Orders** Designs

Step 3 of 3: Send email receipt

To send an order confirmation email to the customer, specify the email address options and email object settings.

☐ No thanks, I'll handle the receipt myself

Email to: <?php echo((isset(\$_POST["email"]))?\$_POST["email"] ⚡

To display name: <?php echo((isset(\$_POST["firstname"]))?\$_POST["first ⚡

From address: orders@blueskymusic.com ⚡

From display name: Blue Sky Music Orders ⚡

Subject: Your Receipt from Blue Sky Music ⚡

Email object

Mail for Windows ▼

Server Name: smtp.blueskymusic.com ⚡

Port: 25 ⚡

Return Path: orders@blueskymusic.com ⚡

Organization: ⚡

X-Mailer: ⚡

Character Set: ⚡

WEBASSIST

HELP < BACK NEXT > CANCEL

24. Enter the details necessary for your Web server's email method in the Email object area. Click **Next** when you're ready.

In the next step, you'll choose the design desired for your forms.

25. From the **Design** list, choose **Clean**. Leave the **Color scheme** set to **Pacifica**. If you'd like to examine the layout in more detail, click the preview image and review the form in your browser. When you're done, return to Dreamweaver and click **Next**.

eCart Checkout Wizard

Shipping & Taxes ✓ Payments ✓ Orders ✓ **Designs**

Step 1 of 2: Select design options

Choose a design to be added to your checkout page.

Design: Clean

Color scheme: Pacifica

PayPal Website Payments Pro US with Express Checkout

Preview

Fast, Secure Checkout with PayPal

Pay by Credit Card

Credit card type: Visa

Credit card number: [text field]

Expiration month: [dropdown]

Expiration year: [dropdown]

Card name: [text field]

Billing Information:

First name: [text field]

Last name: [text field]

Email address: [text field]

Phone number: [text field]

Address: [text field]

Address line 2: [text field]

City: [text field]

State: Choose a state

Postal code: [text field]

Country: Choose a country

Shipping Information

☐ Same as billing address

Shipping first name: [text field]

Shipping last name: [text field]

Shipping email address: [text field]

Shipping phone number: [text field]

Shipping fax number: [text field]

Shipping address: [text field]

Shipping address line 2: [text field]

Customer shipping title: [text field]

Customer shipping state: Choose a state

Shipping postal code: [text field]

Shipping country: Choose a country

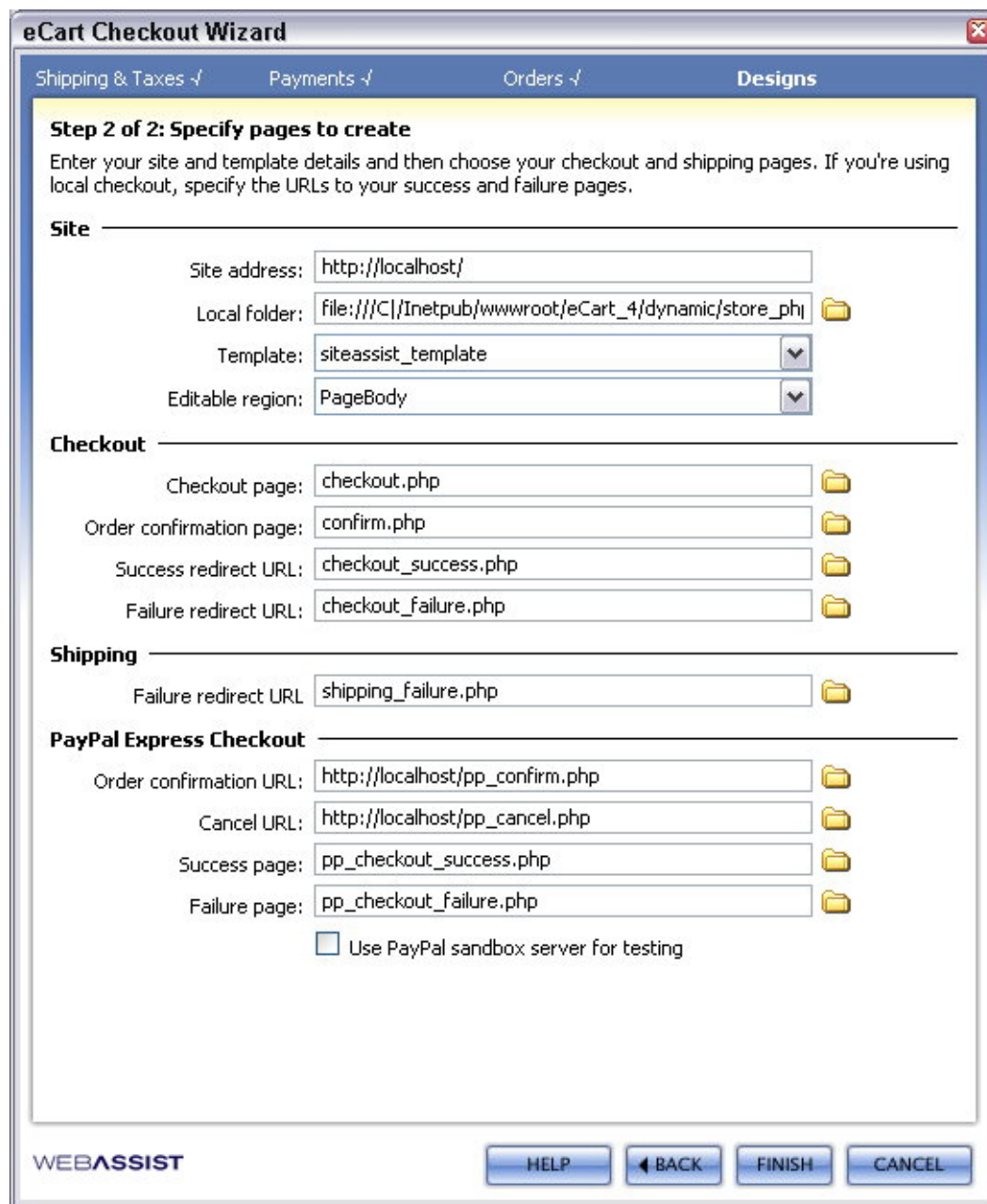
WEBASSIST

HELP BACK NEXT CANCEL

In the final page of the Checkout Wizard, you'll choose which pages you'd like to create. If you'd prefer eCart not create the page, leave the field blank.

26. Enter your full Web address in the **Site address** field and confirm that your **Local folder** is correctly identified. If you'd like to use a template, select it from the **Template** list; once your template is

chosen, choose the proper editable region from the **Editable region** list. Leave the remaining fields at their default settings.



The image shows the 'eCart Checkout Wizard' dialog box, which is a multi-step configuration tool. It has a title bar with a close button and a tabbed interface with four tabs: 'Shipping & Taxes', 'Payments', 'Orders', and 'Designs'. The 'Designs' tab is currently selected and highlighted in blue. Below the tabs, the window is titled 'Step 2 of 2: Specify pages to create'. A descriptive text block states: 'Enter your site and template details and then choose your checkout and shipping pages. If you're using local checkout, specify the URLs to your success and failure pages.' The form is organized into several sections, each with a section header and a horizontal line separator. The 'Site' section includes fields for 'Site address' (http://localhost/), 'Local folder' (file:///C:/inetpub/wwwroot/eCart_4/dynamic/store_php), 'Template' (siteassist_template), and 'Editable region' (PageBody). The 'Checkout' section includes fields for 'Checkout page' (checkout.php), 'Order confirmation page' (confirm.php), 'Success redirect URL' (checkout_success.php), and 'Failure redirect URL' (checkout_failure.php). The 'Shipping' section includes a field for 'Failure redirect URL' (shipping_failure.php). The 'PayPal Express Checkout' section includes fields for 'Order confirmation URL' (http://localhost/pp_confirm.php), 'Cancel URL' (http://localhost/pp_cancel.php), 'Success page' (pp_checkout_success.php), and 'Failure page' (pp_checkout_failure.php). At the bottom of this section is a checkbox labeled 'Use PayPal sandbox server for testing'. At the very bottom of the dialog box, there is a 'WEBASSIST' logo on the left and four buttons: 'HELP', 'BACK', 'FINISH', and 'CANCEL'.

eCart Checkout Wizard

Shipping & Taxes Payments Orders **Designs**

Step 2 of 2: Specify pages to create

Enter your site and template details and then choose your checkout and shipping pages. If you're using local checkout, specify the URLs to your success and failure pages.

Site

Site address: http://localhost/

Local folder: file:///C:/inetpub/wwwroot/eCart_4/dynamic/store_php

Template: siteassist_template

Editable region: PageBody

Checkout

Checkout page: checkout.php

Order confirmation page: confirm.php

Success redirect URL: checkout_success.php

Failure redirect URL: checkout_failure.php

Shipping

Failure redirect URL: shipping_failure.php

PayPal Express Checkout

Order confirmation URL: http://localhost/pp_confirm.php

Cancel URL: http://localhost/pp_cancel.php

Success page: pp_checkout_success.php

Failure page: pp_checkout_failure.php

☐ Use PayPal sandbox server for testing

WEBASSIST

HELP BACK FINISH CANCEL

27. Click Finish when you're done.

eCart begins to create the necessary pages. The eCart Object panel displays the progress of the operation and you can see the pages being constructed in the Document window. The number of pages created depends on the options selected in the Checkout Wizard.

Note: If you used a thumbnail image in the shopping cart display as we did during this tutorial, you'll need to steps 7-9 of the **To add an editable shopping cart display** exercise for any page that displays the cart. If you followed the steps in this tutorial, there would be 4 such pages: confirm, checkout_success, pp_confirm, and pp_checkout_success.

Next steps

With the tutorial pages complete, let's take a few moment to see how it all works together.

Before you try out the sample store, keep in mind the following:

- All files must be saved.
- The files must be served from a compatible web server.
If you do not have a local testing server configured, you should upload all the files and import your database to your Hosting Provider's server.
- When viewing your pages in a browser, make sure to access them via an http path such as 'http://[servername]/ ' and not 'C:[webdirectory]\ '
- **Note:** Locally, by default *localhost* is used for the servername.

To explore the sample store:

1. Once the site is ready, view the page **music** or **gear** with your favorite browser. You will see the product listing with an Add to Cart Button for each item in the list.
2. Select any product's **Add to Cart** button to add that item to your cart.
3. After verifying the cart contents on the cart page, select **Continue Shopping**.
4. Choose a different product's detail link (either the text link or the thumbnail image) to view the product detail page.
5. On the detail page, click **Add to Cart**
6. Verify that the new item has been added to your cart.

7. Change the quantity of one of the item's from 1 to 2 and click **Update Cart**. Note only does the quantity change, but so does the overall total.
8. Shop for as long as you like choosing different items with different quantities. To remove an item from the cart, select that item's Delete checkbox and choose Update Cart. When you're done shopping, select **Check Out**.
9. If your purchase exceed \$50, the discount rule will be triggered and you'll see the calculated discount applied.
10. On the checkout page, review your cart contents and fill in the information requested in the form. When you're done, click **Checkout**.

The rest of the checkout process is handled by your payment gateway.