

DOCUMENTATION



Product Options with eCart

Online stores sell a wide variety of products, and many of those products have options within themselves. For example, you may be selling shoes, and want the customer to be able to choose the size shoe that they need. A slightly more complex example would be if you were selling T-Shirts, and needed to charge extra for the purchase of X-Large due to the additional fabric.

This tutorial shows you how you can incorporate product options with eCart's shopping cart functionality, including the ability to increment the price for certain options.



NOTE: We have provided our [Free eCommerce MySQL database](#) to alleviate the need for creating your own custom database tables. It is recommended you use this database to avoid having to make modifications to the recordset provided to you in this tutorial.

What you need to start:

- Dreamweaver CS3 or CS4
- Dreamweaver site with eCart checkout functionality already created.
- eCart 5
- [WebAssist Free eCommerce MySQL database \(Optional\)](#)



NOTE: This tutorial refers to the [Free eCommerce MySQL database](#) that is provided by WebAssist. This database contains all the necessary tables and columns to complete this tutorial. If you are not using this database, you will need to review the table and column references to make sure they match up with your database structure.

Define your product options

Before you proceed with adding the product option functionality to eCart, you will need to populate your product catalog, and add the v and option groups to your database.

The [Free eCommerce MySQL database](#) contains the necessary database tables for handling these product options and it is recommended database to add product options to your online store. Using your preferred database management tool, you should populate the necessary products and their options. Then continue with this tutorial to add this functionality to your shopping cart.

Refer to the [Database Relationship Overview](#) to learn more about how the tables are configured for product options.

In this tutorial we will be creating two types of product options:

1. Color options without a price increment.
2. Size options with a price increment for certain sizes.

1. Update your eCart Object

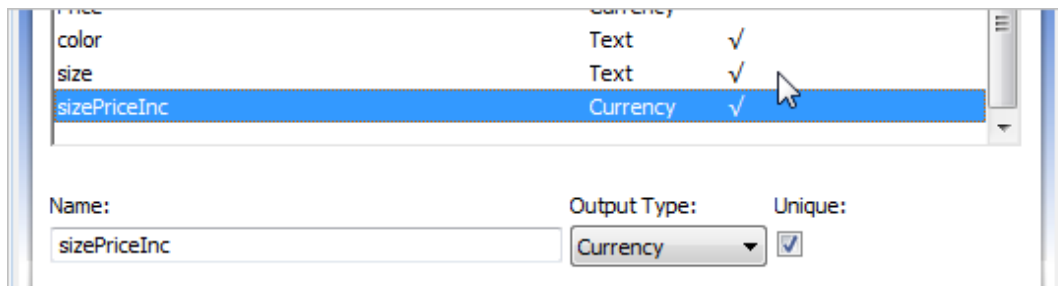
The first step you need to take is to update your eCart Object with the necessary columns for handling your product options.

Add New Columns

1. From the eCart Object panel, select your cart and click **Edit**.
2. Choose the **Columns** tab of your eCart object.



3. Add a new column called **color**.
4. From the menu list, choose **text** for the column.
5. Select the **unique** checkbox.
6. Add a new column called **size**.
7. From the menu list, choose **text** for the column.
8. Select the **unique** checkbox.
9. Add a new column called **sizePriceInc**.
10. From the menu list, choose **currency** for the column.
11. Select the **unique** checkbox.

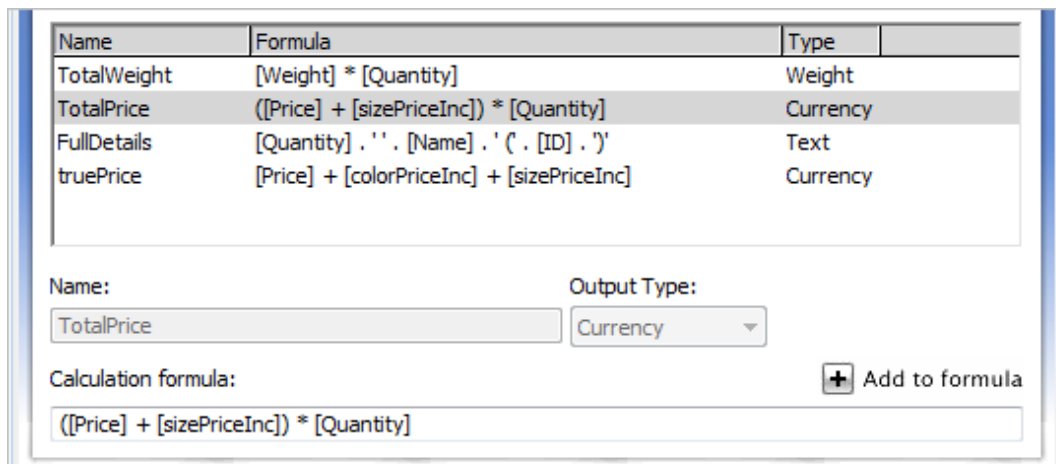


Adding new Calculations

1. Choose the Calculations tab.



2. Add a new calculation called **truePrice**.
3. For the truePrice calculation, enter the following:
[Price] + [sizePriceInc]
4. With this new calculation, we will need to update the TotalPrice calculation.
5. Modify the TotalPrice calculation to look like this:
([Price] + [sizePriceInc]) * [Quantity]



6. Click **OK** to save your changes and close the eCart Object window.

2. Create your Shopping Cart

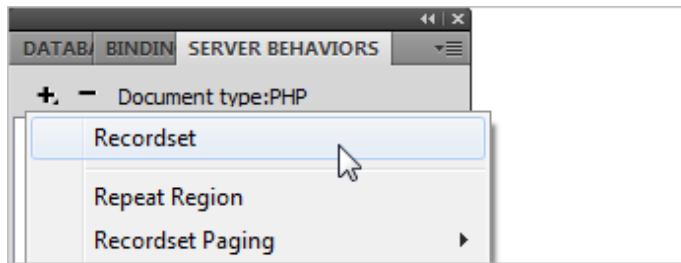
Now that you have made changes to your eCart Object, you will need to update the shopping cart page to contain the new columns. This remove the Shopping Cart instance from your cart page, and insert a new one using the eCart Display Manager.

1. Open your shopping cart page.
If you don't already have one, create a new PHP page in your site called cart.php.
2. Place your cursor where you wish your new shopping cart display to be inserted.
3. From the Insert menu, choose **WebAssist > eCart > Display Manager**.
4. Recreate your eCart Shopping cart.
If you have never created an eCart Shopping Cart Display, see the [Getting Started Guide](#) for more inform

3. Adding Product Options

Now that you have updated your eCart Object and recreated your Shopping Cart Display, you can update your Add to cart behaviors to handle the product options.

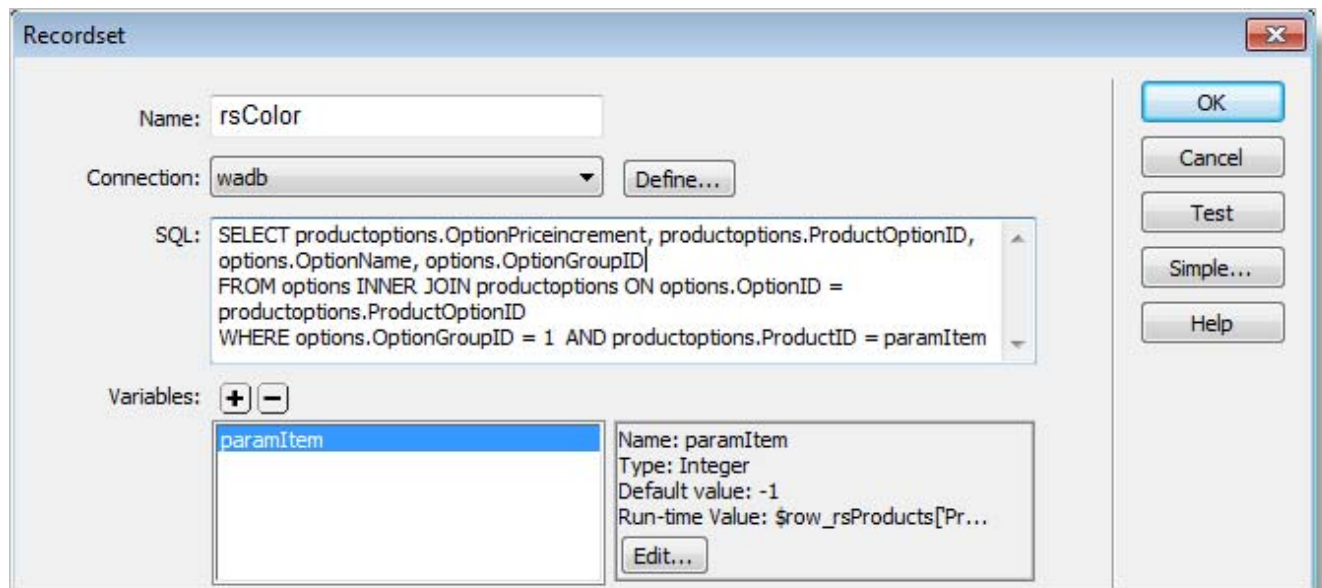
1. Open your product detail page.
This page is typically created by DataAssist that displays the details for a specific item and the Add to Cart button for that item.
2. Open the Server Behaviors panel from **Window > Server Behaviors**.
3. From the Server Behaviors panel, choose **Add > Recordset**.



NOTE: When the Recordset dialog box displays, it may open in Simple Mode. For these instructions, we will need to change this to Advanced Mode. If present, choose the **Advanced...** button from the buttons on the right.

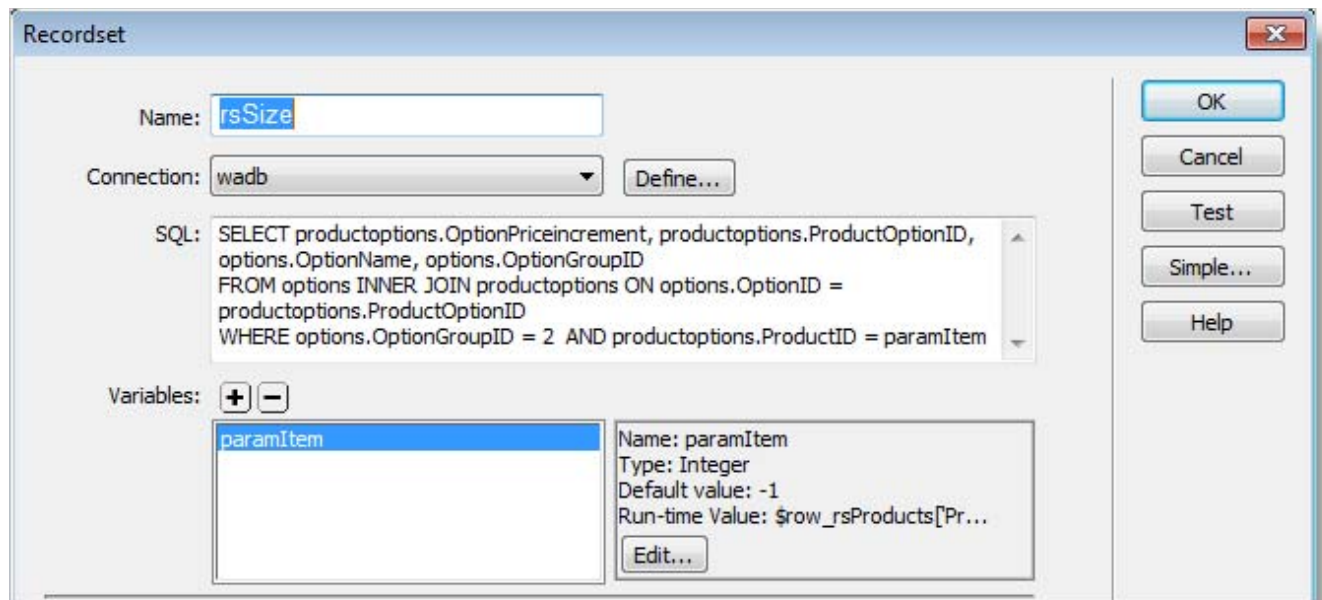
4. In the Name field, enter **rsColor**.
5. Highlight the following code, and press **Ctrl (Cmd) + C** to copy this content.

```
SELECT productoptions.OptionPriceincrement, productoptions.ProductOptionID, options.OptionName,  
options.OptionGroupID, optiongroups.OptionGroupName  
FROM options  
INNER JOIN productoptions ON options.OptionID = productoptions.ProductOptionID  
INNER JOIN optiongroups ON options.OptionGroupID = optiongroups.OptionGroupID  
WHERE optiongroups.OptionGroupName = 'color' AND productoptions.ProductID = paramItem
```
6. Place your cursor in the SQL box of the Recordset dialog and press **Ctrl (Cmd) + V** to paste this content.
7. Under the Variables section, click **Add**.
8. In the Name field of the Variables dialog, enter **paramItem**.
9. From the menu list choose **Integer**.
10. In the Value field, enter **-1**.
11. Copy and paste the following parameter in the
`$row_WADAproducts['ProductID']`



12. Click **OK**.
13. From the Server Behaviors panel, choose **Add > Recordset** to create another recordset.
When the New Recordset dialog displays, make sure you are in Advanced Mode.
14. In the Name field, enter **rsSize**.
15. Highlight the following code, and press **Ctrl (Cmd) + C** to copy this content.

```
SELECT productoptions.OptionPriceincrement, productoptions.ProductOptionID, options.OptionName,
options.OptionGroupID, optiongroups.OptionGroupName
FROM options
INNER JOIN productoptions ON options.OptionID = productoptions.ProductOptionID
INNER JOIN optiongroups ON options.OptionGroupID = optiongroups.OptionGroupID
WHERE optiongroups.OptionGroupName = 'size' AND productoptions.ProductID = paramItem
```
16. Place your cursor in the SQL box of the Recordset dialog and press **Ctrl (Cmd) + V** to paste this content.
17. Under the Variables section, click **Add**.
18. In the Name field of the Variables dialog, enter **paramItem**.
19. From the menu list choose **Integer**.
20. In the Value field, enter **-1**.
21. Copy and paste the following parameter in the
`$row_WADAproducts['ProductID']`

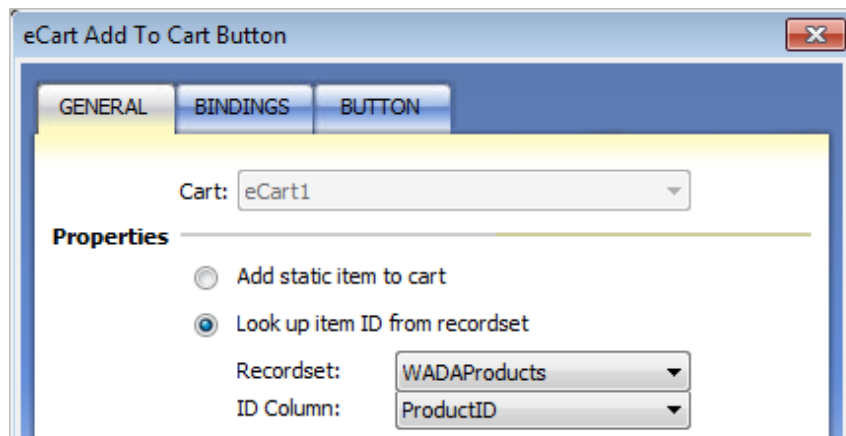


22. Click OK.

4. Create Add to Cart button

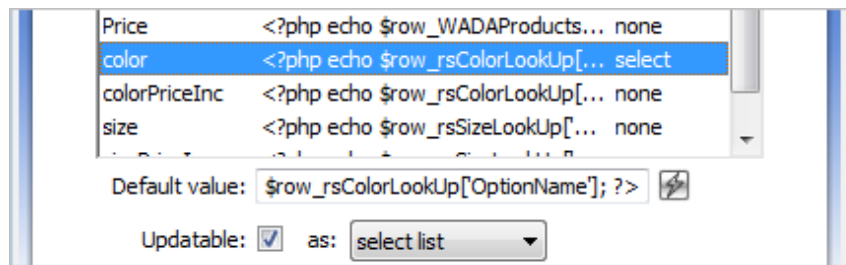
The next step is to create your Add to Cart buttons. If you already have these buttons added to this page, you can reenter the interface to modify them. Otherwise, you can create new ones.

1. Place your cursor where you wish to insert your Add to Cart button.
If you already have an Add to Cart button on this page, you can launch the Add to Cart button interface by double-clicking the eCart Add from Recordset option in the Server Behaviors panel.
2. From the Insert menu, choose **WebAssist > eCart > Add to Cart**.
3. From the General tab, choose **Look up item ID from recordset**.
4. Choose the DataAssist recordset, **WADAProducts**.
This recordset was created by DataAssist and displays all the products in the products database table. If you are not using a DataAssist created page, you will want to create this recordset, and then reenter the Add to Cart interface.



5. Choose the **Bindings** tab.

6. Select the **Color** column.
7. Select the **Updatable** checkbox.
8. From the menu list, choose **Select List**.



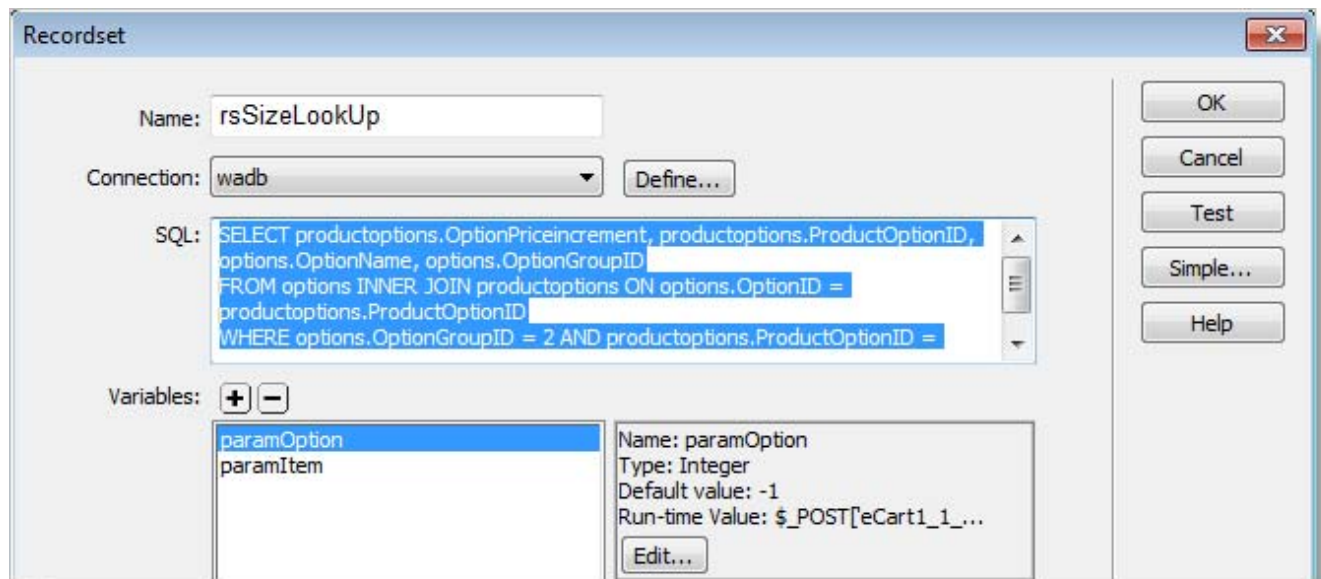
9. Click **OK** to create this add to cart button.
We will be modifying this add to cart button to handle more information later.

5. Size Lookup Recordset

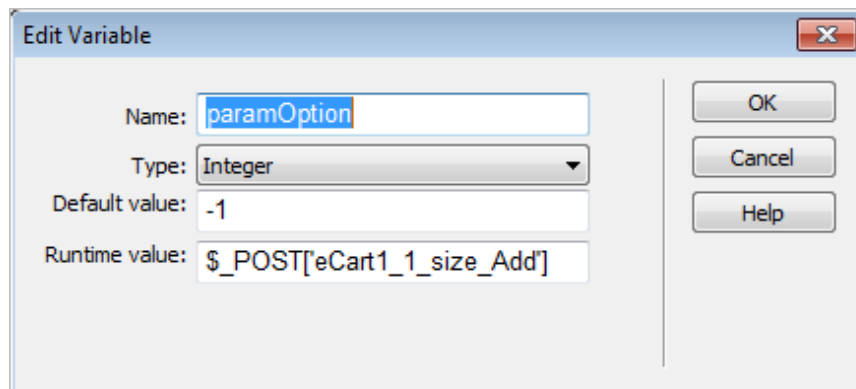
The next step is to create the recordset that handles the size price increment.

1. From the Server Behaviors panel, choose **Add > Recordset**.
2. Make sure you are in **Advanced Mode**.
3. In the Name field, enter **rsSizeLookup**.
4. Copy and paste the following SQL query into the SQL text field.

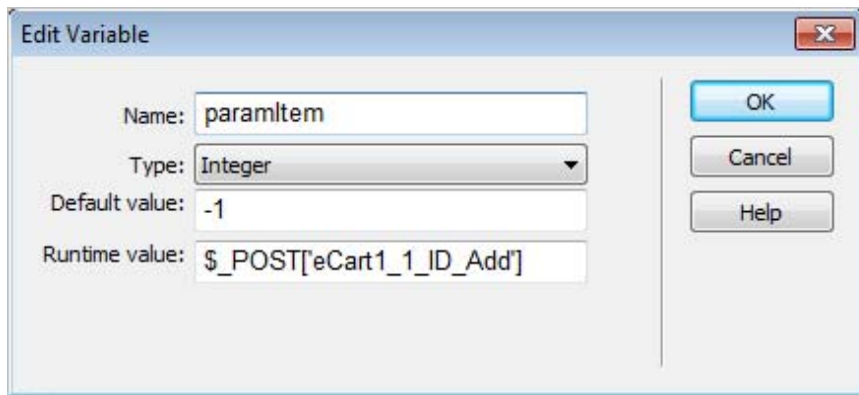
```
SELECT productoptions.OptionPriceincrement, productoptions.ProductOptionID, options.OptionName,
options.OptionGroupID, optiongroups.OptionGroupName
FROM options
INNER JOIN productoptions
ON options.OptionID = productoptions.ProductOptionID
INNER JOIN optiongroups
ON options.OptionGroupID = optiongroups.OptionGroupID
WHERE optiongroups.OptionGroupName = 'size' AND productoptions.ProductOptionID =
paramOption AND productoptions.ProductID = paramItem
```



5. Under the Variables section, click **Add**.
6. In the Name field of the Variables dialog, enter **paramOption**.
7. From the menu list choose **Integer**.
8. In the Value field, enter **-1**.
9. Copy and paste the following parameter in the **Runtime Value** field.
`$_POST['eCart1_1_size_Add']`



10. Under the Variables section, click **Add**.
11. In the Name field of the Variables dialog, enter **paramItem**.
12. From the menu list choose **Integer**.
13. In the Value field, enter **-1**.
14. Copy and paste the following parameter in the
`$_POST['eCart1_1_ID_Add']`



NOTE: In case your select list name differs, make sure that the name entered in the parameter above matches the name you copied earlier.

6. Populate the Select Lists

The Color select list was automatically created for you when you created your eCart Add to Cart button. However, we are going to manually create the Size select list since this list will include a price increment for certain options.

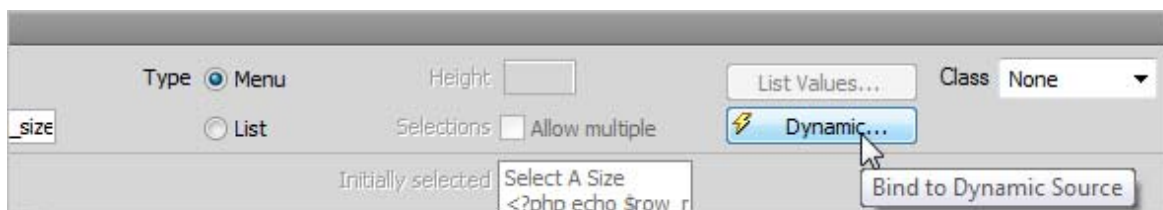
Size List

1. Place your cursor where you wish the size select list to display.
2. From the Insert menu, choose **Form > List/Menu**.
3. In the name field, enter `eCart1_1_size_Add`.



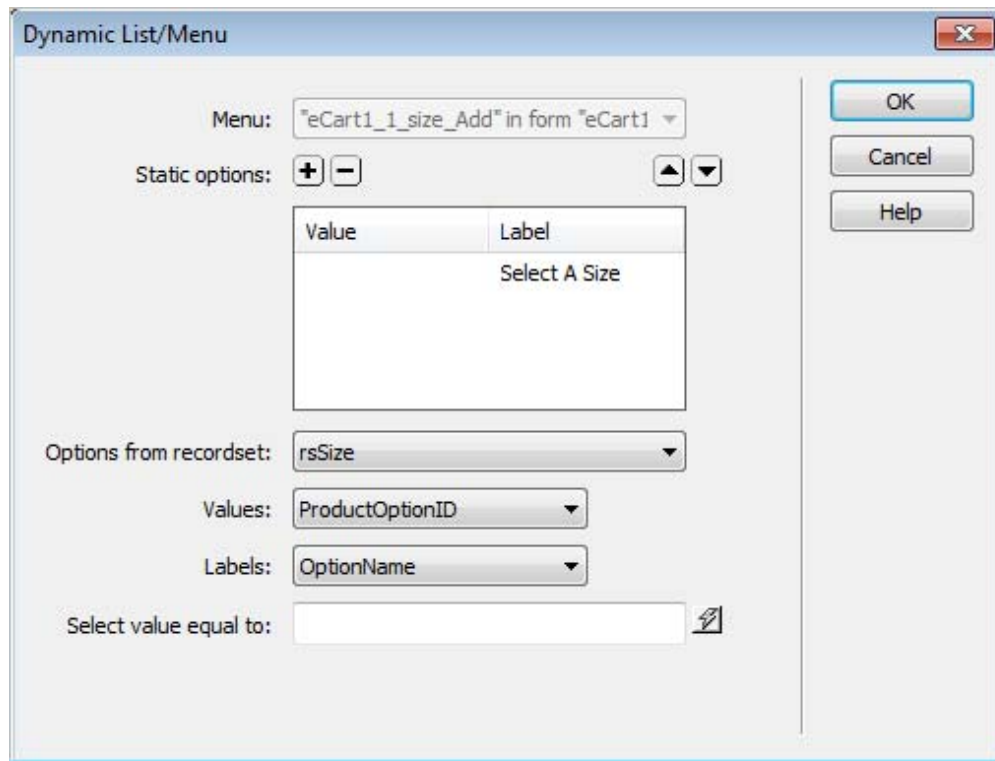
NOTE: This name is already being used in the recordset you created above. So, in order to ensure this works, you will need to enter the name exactly as it is displayed.

4. Select the **Size Select List** you just created.
5. From the Properties Inspector, choose the **Dynamic** button.



6. Click **Add** for static options.
7. Press tab to leave the Value field blank.

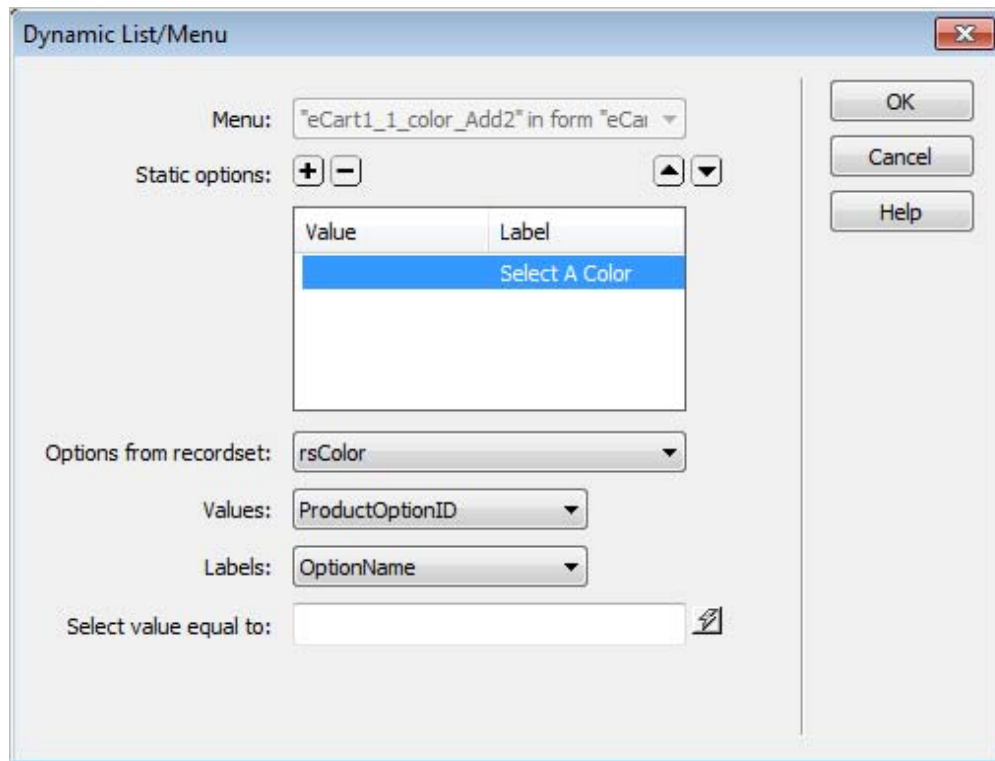
8. In the Label field, enter **Select A Size**.
9. From the Options from recordset field, choose **rsSize**.
10. From the Value field, choose **ProductOptionID**.
11. From the Labels field, choose **OptionName**.



12. Click **OK**.

Color List

1. Select the Color select list that was created when you added the eCart Add to Cart button.
2. From the Properties Inspector, choose the **Dynamic** button.
3. Click **Add** for static options.
4. Press tab to leave the Value field blank.
5. In the Label field, enter **Select A Color**.
6. From the Options from recordset field, choose **rsColor**.
7. From the Value field, choose **ProductOptionID**.
8. From the Labels field, choose **OptionName**.

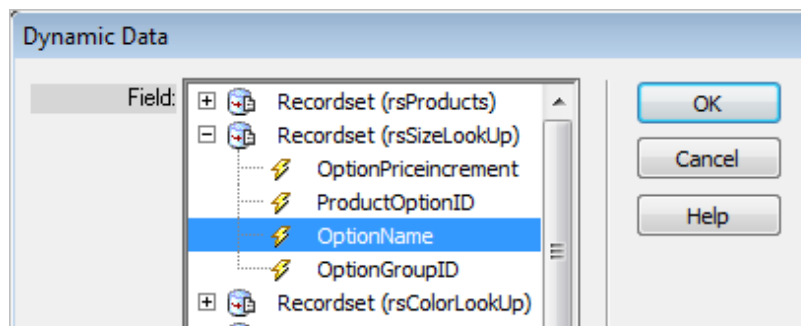


9. Click **OK**.

7. Update the Add to Cart

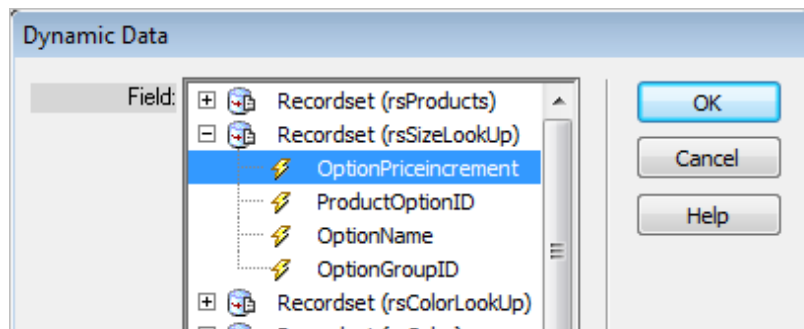
Now that we have created and populated the lists for this product's options, we need to update the Add to Cart button.

1. From the Server Behaviors panel, double-click the eCart Add From Recordset behavior.
This will launch the Add to Cart interface for modifying the behavior.
2. Select the **Bindings** tab.
3. Select the **size** column.
4. Choose the **value lightning bolt**.
5. Expand the **rsLookup** Recordset.
6. Choose **OptionName**.



7. Click **OK**.
8. Select the **sizePriceInc**.
9. Choose the **value lightning bolt**.

10. Expand the **rsLookup** Recordset.
11. Select **OptionPriceIncrement**.



12. Click **OK**.

What to do next...

Now that you have completed creating your Download Center, you may want to spend some time customizing the appearance of the page, and adding additional Recordset bindings to display information from the orders or products tables. When you are finished with your site, you will want to upload everything to your live server and import your database to your live MySQL database so that your online store is on the web.

Last Updated: April 14, 2010