

## Page layout lab

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## What this exercise is about

In this tutorial, you create a new product page layout for dress product pages. You will then assign this layout to the product page layout section of the Dresses category. For the purpose of this exercise, you will make a minor but noticeable change such as removing some code from the original default product page layout to create a new page layout. However, in practice you most likely will take the default and restructure the product display page so that the information is presented in a very different manner for use for certain products.

This tutorial should be completed using the WebSphere Commerce Developer environment and the Aurora store. It should take approximately 30 minutes to complete.

## What you should be able to do

After completing this exercise, you should be able to:

- Create and assign new page layouts

## Requirements

Before beginning this lab, ensure you have:

- Installed WebSphere Commerce V7 Fix Pack 6
- Installed WebSphere Commerce V7 Feature Pack 5
- Enabled the management-center feature
- Published the new Aurora store
- Downloaded the exercise files for this lab

## Part 1: Creating a new product page layout JSP

In this part of the lab, you will create a new product page layout by copying the default product page layout and editing it. In the default product page layout, there is a double e-Marketing Spot container just below the page header. You will remove this e-Marketing Spot from your new product page layout.

- \_\_\_ 1. Be sure your server is stopped.
- \_\_\_ 2. Open WebSphere Commerce Developer.
- \_\_\_ 3. Navigate to **Stores > Web Content > Aurora > Layouts**.
- \_\_\_ 4. Copy ProductDisplay.jsp and rename the new file to **DressProductDisplay.jsp**.
- \_\_\_ 5. Open the DressProductDisplay.jsp
- \_\_\_ 6. Look through the file and notice the JavaScript includes for the different widgets, look for the imports of all the different widgets.
- \_\_\_ 7. Edit the DressProductDisplay.jsp file and **remove** the Double E-Spot Container code. For reference the code to remove is displayed here:

```
<!-- Start Double E-Spot Container -->
<div class="widget_double_espot_container_position">
  <div class="widget_double_espot_container">
    <c:choose>
      <c:when test="${env_fetchMarketingDetailsOnLoad}">
        <div dojoType="wc.widget.RefreshArea" id="DoubleContentAreaESpot_Widget" controllerId="DoubleContent
        </div>
      </c:when>
      <c:otherwise>
        <%out.flush();%>
        <c:import url="${env_jspStoreDir} Components/ESpot/ContentRecommendation/ContentRecommendation.jsp">
          <c:param name="emsName" value="CatalogBanner_Content" />
          <c:param name="numberContentPerRow" value="2" />
          <c:param name="catalogId" value="${catalogId}" />
          <c:param name="cacheWithParent" value="false" />
        </c:import>
        <%out.flush();%>
      </c:otherwise>
    </c:choose>
  </div>
</div>
<!-- End Double E-Spot Container --->
```

- \_\_\_ 8. **Save and Close** the file.

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## Part 2: Define a new Struts action for the new product page layout JSP

In this part of the lab, you will edit the struts-config-ext.xml and add the new layout association.

\_\_\_ 1. Open the struts-config-ext.xml file located **Stores > WebContent > WEB-INF > struts-config-ext.xml**.

\_\_\_ 2. Find the GenericProductPageLayoutView entry (Note the store ID might be different).

```
<forward className="com.ibm.commerce.struts.ECActionForward"
name="GenericProductPageLayoutView/10001"
path="/Layouts/ProductDisplay.jsp" />
```

\_\_\_ 3. Add in an association for the new dress product page layout. (Note the store ID might be different).

```
<forward className="com.ibm.commerce.struts.ECActionForward"
name="DressProductPageLayoutView/10001"
path="/Layouts/DressProductDisplay.jsp" />
```

\_\_\_ 4. Find the action path for the GenericProductPageLayoutView (Note the store ID might be different).

```
<action path="/GenericProductPageLayoutView"
type="com.ibm.commerce.struts.BaseAction">
<set-property property="credentialsAccepted" value="10001:P" />
</action>
```

\_\_\_ 5. Add in the action path for the new dress product page layout. (Note the store ID might be different).

```
<action path="/DressProductPageLayoutView"
type="com.ibm.commerce.struts.BaseAction">
<set-property property="credentialsAccepted" value="10001:P" />
</action>
```

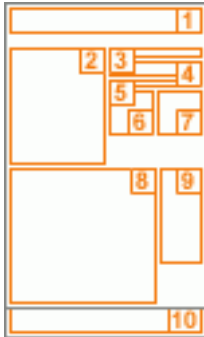
\_\_\_ 6. **Save** and Close the file.

## Part 3: Add the thumbnail images for the new product page layout

In this part of the lab, you will add in the images needed for the Page Layout Tool.

1. Copy the provided images `dressProduct_thumb_large.png` and `dressProduct_thumb_small.png` into **Stores > Web Content > Aurora > images > layouts**. These images have been edited to have the double e-spot section removed.

Here is what the `dressProduct_thumb_small.png` looks like:



Here is what the `dressProduct_thumb_large.png` looks like:



Where the layout contains these widgets:

1. Header,
2. Product image,
3. Product promotions,
4. Product name, price and ratings,
5. Product short description,
6. Product attributes and actions,
7. Inventory details,
8. Merchandising associations,
9. E-Marketing Spot for Catalog entries,
10. Footer.

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## Part 4: Register the new product page layout in the database

In this part of the lab, you will add your new dress product page layout into the PAGELAYOUT database.

- \_\_\_ 1. **Start the server.**
- \_\_\_ 2. Open the Database access JSP from the hintsandtips.html guide.
- \_\_\_ 3. Copy the provided script into the field and select **Submit Query**.

```
insert into pagelayout(PAGELAYOUT_ID, NAME, MEMBER_ID, STOREENT_ID,
PAGELAYOUTTYPE_ID, MASTERCSS, DEVICETYPE, STATE, ISTEMPLATE, DESCRIPTION,
THUMBNAIL, FULLIMAGE, VIEWNAME) values(-10000, 'Layout used for dress products',
70000000000000000002, 10001, 'ProductPage', null, 'Web', 1, 0, 'This layout
contains the following widgets: 1. Header, 2. Product image, 3. Product
promotions, 4. Product name, price and ratings, 5. Product short description, 6.
Product attributes and actions, 7. Inventory details, 8. Merchandising
associations, 9. E-Marketing Spot for Catalog entries, 10. Footer.',
'/images/layouts/dressProduct_thumb_small.png', '/images/layouts/dressProduct_thum
b_large.png', 'DressProductPageLayoutView');
```

---

**NOTE:** Make sure to adjust your STOREENT\_ID and MEMBER\_ID if needed. (You can do a `select * from pagelayout;` to see the other layouts that exist)

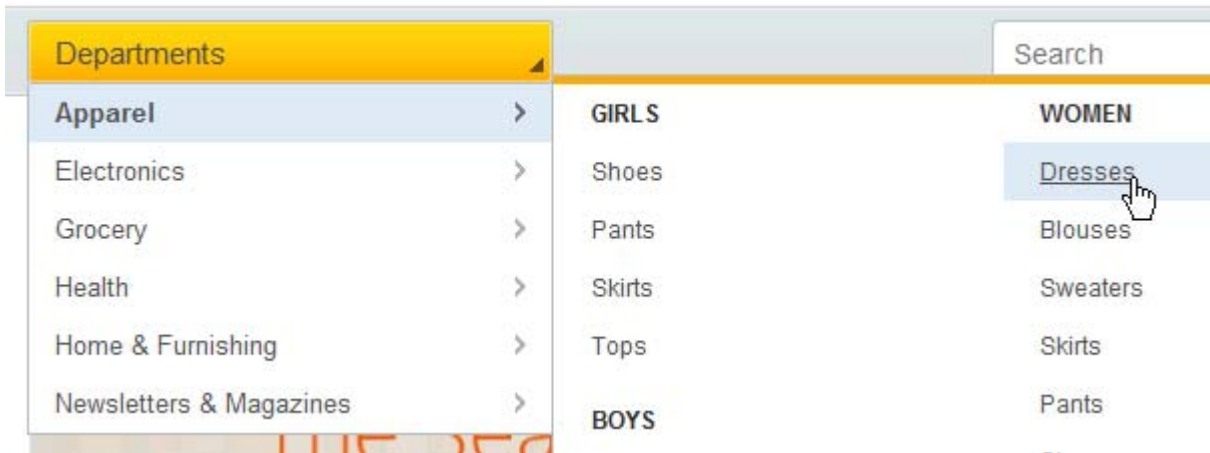
---

- \_\_\_ 4. The statement should return with: Statement resulted in 1 updates.

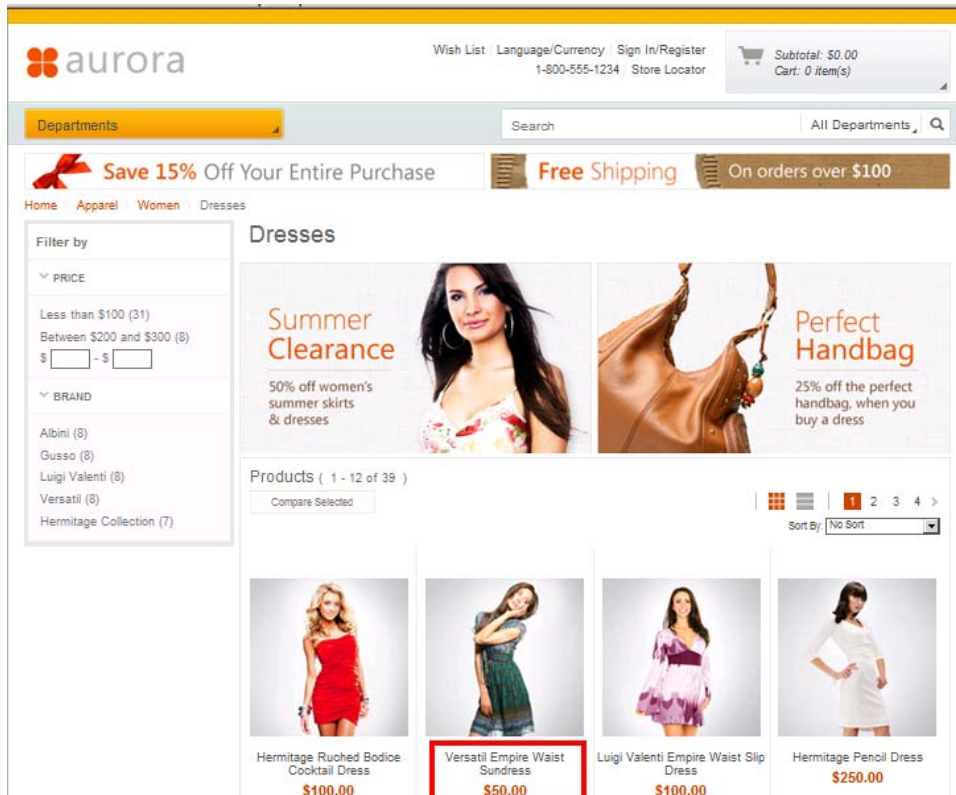
## Part 5: View the current page layout

In this part of the lab, you will launch the Aurora store and view a dress product to view the current default product page layout.

1. **Launch** the Aurora store.
2. View the current layout for a dress product by navigating to **Departments > Apparel > Women > Dresses**.



3. Select one of the dress products.



\_\_\_ 4. Notice the double e-spot at the top of the page.

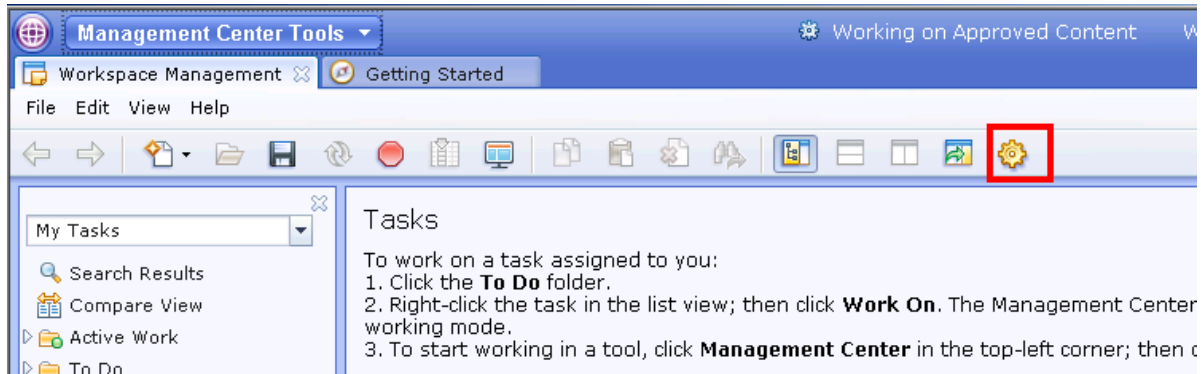
The screenshot displays the Aurora e-commerce website interface. At the top, the Aurora logo is on the left, and navigation links for 'Wish List', 'Language/Currency', 'Sign In/Register', '1-800-555-1234', 'Contact Us', and 'Store Locator' are on the right. A shopping cart icon shows a subtotal of \$0.00 and 0 items. Below the navigation is a 'Departments' dropdown and a search bar. A red-bordered banner contains promotional text: 'The Perfect Gift | Madisons Gift Cards' and 'Free Shipping | On orders over \$100'. The main product page is for the 'Versatil Empire Waist Sundress' (SKU: Madisons/WMDRS-2) priced at \$50.00. The product description reads: 'Empire waist sundress with flower print and frilly sleeves'. Color options are Red, Blue, Grey, and Orange. Available sizes are XS, S, M, L, XL, and XXL. The quantity is set to 1. Buttons for 'Add to Cart' and 'Add to Wish List' are present. A 'Show Availability' link is also visible. Below the product image, there are tabs for 'Description' and 'Other Customers Also Purchased'. The 'Description' tab is active, showing the start of a paragraph: 'This oh so sheer dress will fit you like a dream, and you won't want to get out of this incredibly soft fabric. The fabulous'. A 'Recommended' section is partially visible at the bottom right.



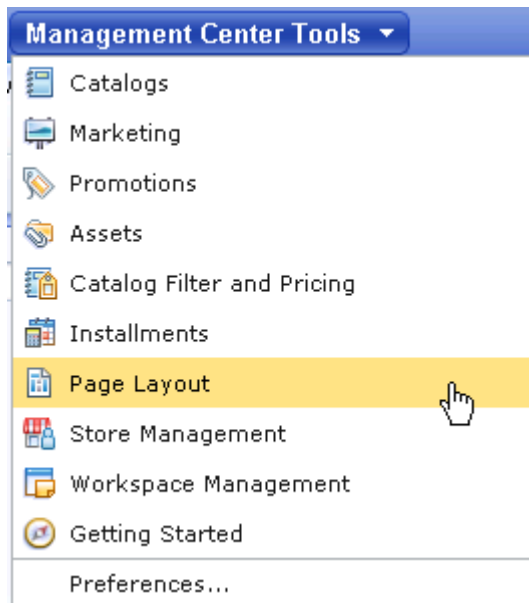
## Part 6: Assigning the new product page layout in the Page Layout tool

In this part of the lab, you will set the new dresses product page layout for all the products under the dress category.

1. Launch the **Management Center**.
2. If you have workspaces enabled, select **Work on Approved Content** under the Workspace Management tab.

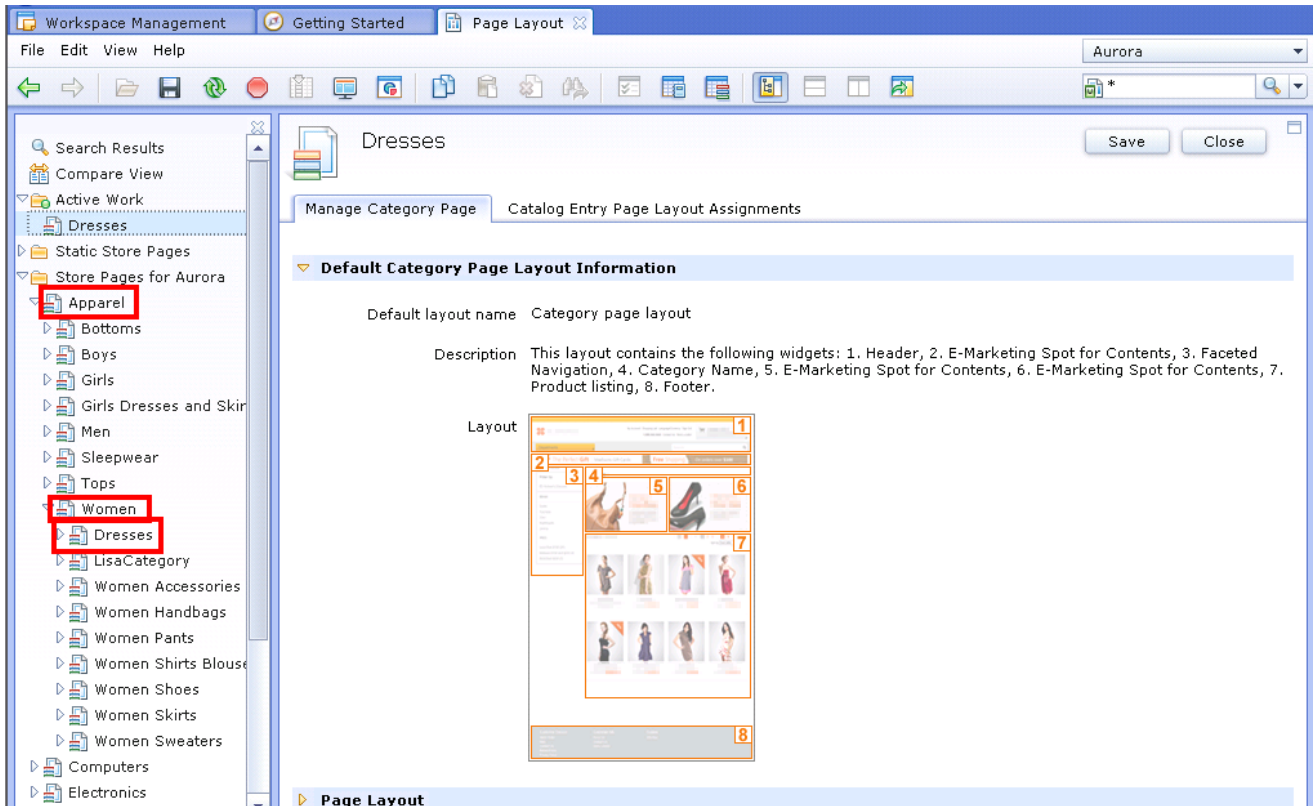


3. Select **Page Layout** from the Management Center Tools drop down menu.

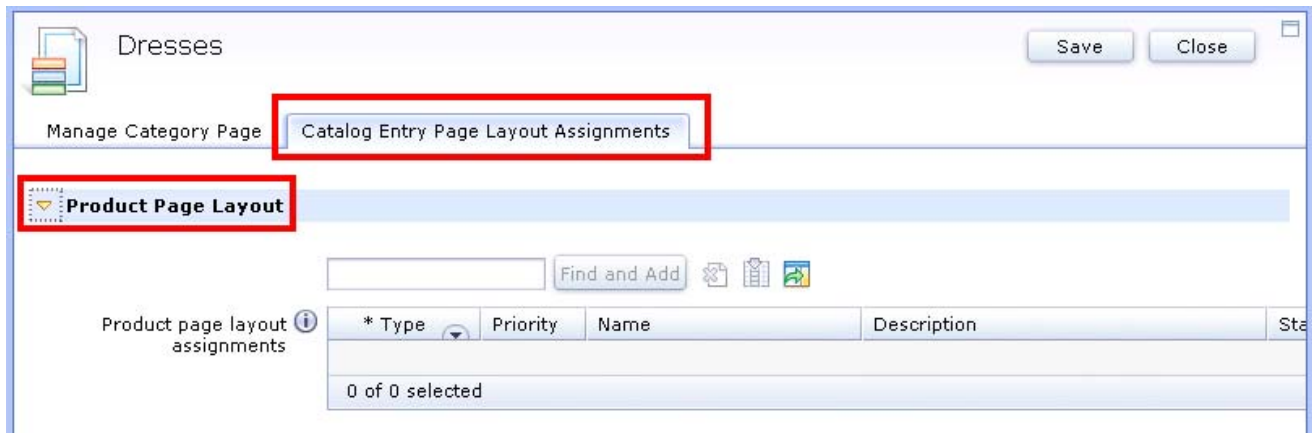


4. Select the Aurora store if it is not automatically selected for you.

- 5. Navigate to **Store Pages for Aurora > Apparel > Women** and then double click **Dresses** to open the layout view for the Dress category.



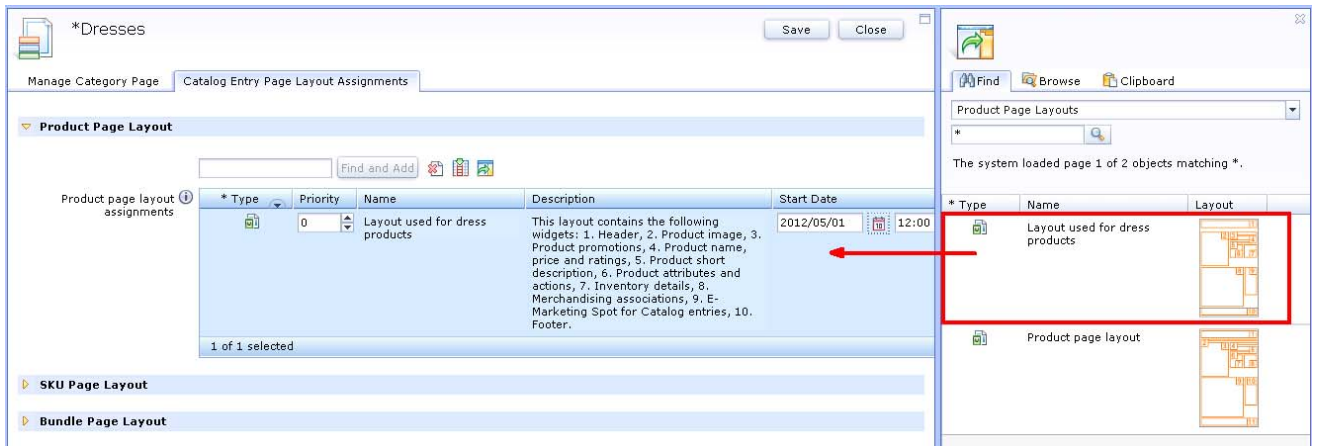
- 6. Select the **Catalog Entry Page Layout Assignments** tab and expand the **Product Page Layout** section.



- 7. Enter **\*** in the Find and Add field and select the button.



\_\_\_ 8. In the utility view, drag the Dress Product layout to the Product Page Layout section.



\_\_\_ 9. Enter today's date for the **start date**.

\_\_\_ 10. Select **Save** and **Close**.

## Part 7: Test out the new layout

In this part of the lab, you will visit a dress product page to see the new page layout.

- \_\_\_ 1. Launch the Aurora store.
- \_\_\_ 2. View the current layout for a dress product by navigating to **Departments > Apparel > Women > Dresses.**
- \_\_\_ 3. Select one of the dress products and notice that the double e-spot is not displayed.

The screenshot shows the Aurora store's product page for a 'Versatil Empire Waist Sundress'. The page features a yellow header with the Aurora logo, navigation links, and a shopping cart icon showing a subtotal of \$0.00. Below the header is a search bar and a 'Departments' dropdown menu. The main content area includes a breadcrumb trail: Home > Apparel > Women > Dresses > Versatil Empire Waist Sundress. A large image of a woman wearing the sundress is displayed on the left. To the right of the image, the product name 'Versatil Empire Waist Sundress' is shown, along with its SKU (MedisonsWMDS-2) and price (\$50.00). Below the price, a description reads 'Empire waist sundress with flower print and frilly sleeves'. The product options section includes a color selector (Red is selected), available sizes (XS, S, M, L, XL, XXL), a quantity input field set to 1, and buttons for 'Add to Cart' and 'Add to Wish List'. A 'Show Availability' link is also present.

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## Part 8: What you did in this exercise

In this tutorial you learned how to create a new page layout and assign it in the Page Layout Tool.

You should now understand how to complete these tasks:

- As an IT developer code and register a new page layout to the system
- As a Business User assign a new page layout to a store page