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Your feedback is important, and helps us to best meet your needs as a user of our products. For example:

■ Are the implementation steps correct and complete?
■ Did you understand the context of the procedures?
■ Did you find any errors in the information?
■ Does the structure of the information help you with your tasks?
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Send your comments to us using the electronic mail address: retail-doc_us@oracle.com

Please give your name, address, electronic mail address, and telephone number (optional).

If you need assistance with Oracle software, then please contact your support representative or Oracle Support Services.

If you require training or instruction in using Oracle software, then please contact your Oracle local office and inquire about our Oracle University offerings. A list of Oracle offices is available on our Web site at http://www.oracle.com.
Preface

The Oracle Retail Allocation User Interface Administration Guide describes operations an administrator can perform to configure and manage the user interface and its security.

Audience

This document is intended for the retail client and system administrator of the online application.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

Related Documents

For more information, see the following documents in the Oracle Retail Allocation 13.3 documentation set:

- Oracle Retail Allocation Release Notes
- Oracle Retail Allocation Installation Guide
- Oracle Retail Allocation Operations Guide
- Oracle Retail Allocation User Guide
- Oracle Retail Allocation Online Help
- Oracle Retail Allocation Data Model
- Oracle Retail Allocation 13.3/Merchandising Operations Management 13.2.5 Implementation Guide
- Oracle Retail Allocation 13.3/Merchandising Operations Management 13.2.5 Batch Schedule
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When contacting Customer Support, please provide the following:

- Product version and program/module name
- Functional and technical description of the problem (include business impact)
- Detailed step-by-step instructions to re-create
- Exact error message received
- Screen shots of each step you take

Review Patch Documentation

When you install the application for the first time, you install either a base release (for example, 13.3) or a later patch release (for example, 13.3.1). If you are installing the base release, additional patch, and bundled hot fix releases, read the documentation for all releases that have occurred since the base release before you begin installation. Documentation for patch and bundled hot fix releases can contain critical information related to the base release, as well as information about code changes since the base release.

Oracle Retail Documentation on the Oracle Technology Network

Documentation is packaged with each Oracle Retail product release. Oracle Retail product documentation is also available on the following Web site:
http://www.oracle.com/technology/documentation/oracle_retail.html

(Data Model documents are not available through Oracle Technology Network. These documents are packaged with released code, or you can obtain them through My Oracle Support.)

Documentation should be available on this Web site within a month after a product release.

Conventions

The following text conventions are used in this document:

<table>
<thead>
<tr>
<th>Convention</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>boldface</strong></td>
<td>Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.</td>
</tr>
<tr>
<td><em>italic</em></td>
<td>Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.</td>
</tr>
<tr>
<td>monospace</td>
<td>Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.</td>
</tr>
</tbody>
</table>
The WebCenter Portal Administration Console offers several administration pages that enable authenticated administrators to perform common administrative duties, including:

- Configuring Page Templates and Skins
- Modifying the Navigation Model(s)
- Modifying the Resource Catalog
- Creating Task Flows at Runtime
- Managing Users and Granting Application Roles
- Managing and Configuring External Applications

**Note:** For more information, please refer to the Oracle Middleware Administrator’s Guide for Oracle WebCenter Portal.

### Accessing the WebCenter Portal Administration Console

Use the following procedure to access the administration console:

1. Log in to your application as an administrator.
2. Do one of the following:
   a. Click the Administrator link under the username.
   b. Access the WebCenter Portal Administration Console using the direct URL:

   ![Figure 1–1 Logging into the WebCenter Portal Administration Console]

   b. Access the WebCenter Portal Administration Console using the direct URL:
http://www.server:port/context_root/admin

For example: http://mycompany.com:8888/myapp/admin

The WebCenter Portal Administration Console displays as shown:

Figure 1–2  The WebCenter Portal Administration Console
Applicable Oracle Retail applications are packaged with two page templates and three skins. Page templates are used to maintain a consistent branding and layout for all pages within an application as well as common branding and layout for all applications in a suite of applications. A skin is used to define the appearance of an Oracle ADF web application in a manner similar to CSS (cascading style sheets). Page templates and skins work together to control the layout and appearance of application pages. This section focuses on configuring a default page template and a default skin.

**Choose a Default Page Template**

In a WebCenter Portal application, page templates provide the basic structure and layout of application pages and work together with compatible skins to define how the application pages will look on the user's screen. Every page displays within a page template. Administrators can define the default page template that is used. Applicable Oracle Retail applications provide the following two page templates:

- **RetailPageTemplate**
  
  This is the default page template used by applicable Oracle Retail applications.

  **Note:** If you are setting the default page template to RetailPageTemplate, then you must use either the Retail or RetailRed skin. See "Choose a Default Skin" on page 2-2 for additional information.

- **RetailUIShell**
  
  This is an alternative page template that has a more traditional Oracle Fusion look and feel. In Allocation, this means a page template (RetailUIShell) and skin (ApplcoreStyles) is provided to give the application a similar look and feel to the rest of the greater Oracle Fusion Application suite.

  **Note:** If you are setting the default page template to RetailUIShell, then you must use the ApplcoreStyles skin. See "Choose a Default Skin" on page 2-2 for additional information.

**Select a Default Page Template for your Application**

Use the following procedure to select a default page template for the application:

1. Click the Configuration tab of the Administration Console.
2. Choose a Default Page Template from the list provided.

   Note: Sometimes the page template does not show up in the list even though it exists. If this occurs, open the EL Expression dialog and enter the path of the page template. You can open the EL Expression dialog from the Configuration tab of the Administration Console by clicking the down arrow next to each drop down field.

   Figure 2–1 Selecting a Default Page Template

3. Click Apply to set the page template for your application.

Choose a Default Skin

Application administrators can customize the appearance of an Oracle Retail application by changing its skin. A skin changes the way the user interface appears, but does not change the application’s behavior. Applicable Oracle Retail applications provide the following three skins:

- Retail
  Retail is the default skin.

  Note: If you are setting the default skin to Retail, you must use the RetailPageTemplate page template.

- RetailRed
  RetailRed is similar to the Retail Skin. However the global header of the page template uses a red gradient rather than blue.

  Note: If you are setting the default skin to RetailRed, you must use the RetailPageTemplate page template.

- ApplcoreStyles
  ApplcoreStyles is a skin that provides a more traditional Fusion look and feel. Fusion look and feel means that your Allocation application will look similar to any other Oracle Fusion application.
Select a Default Skin

Use the following procedure to select a default skin for the application:

1. Click the Configuration tab of the Administration Console.
2. Choose a skin from the Default Skin list or enter the name of the skin in the Default Skin text box.

**Note:** If only one skin is enabled the Default Skin field will appear as a text box. If multiple skins are enabled the Default Skins field appears as a drop down.

**Figure 2-2  Selecting a Skin**

The skin you select is applied to all the pages in your application.

**Note:** The Default Skin has no effect on administration pages because the WebCenter Portal Administration Console uses an internal skin that does not change.

3. Click **Apply** to set the skin for your application.
Modifying the Navigation Models

The navigation model defines a navigational structure and keeps track of navigational data. A navigation model can consist of a variety of resources, such as task flows, pages, external links, and others.

It is important to note that the navigation model is aware of the security policies that have been applied to the elements (pages, links, task flows, and so on) that the navigation model controls. If the authenticated user is not authorized to see a particular page, the navigation model, by default, hides any navigational links to that page. For any resources that do not have security defined in the portal, such as external links, the user/admin has an option to control visibility manually by using the visibility field of the navigation item. One way to do this is to set the value of the "visible" attribute on a navigation item to an EL expression that evaluates to "false" or "true" to hide or show the resource.

Edit an Existing Navigation Resource

Use the following procedure to edit an existing navigation resource at runtime (in this example, we will add a link to an existing navigation resource):

1. Navigate to the Resources page in WebCenter Portal Administration Console.
   For additional information, see "Accessing the WebCenter Portal Administration Console" on page 1-1.

2. In the left navigation panel, select Navigations as the desired resource.

3. From the list of available navigations resources, select the resource you want to edit. (In the example below, the AllocationNavigationModel navigation model is selected.)

4. From the Edit menu, choose Edit.
5. In the Edit dialog, select the Add menu, choose **Link**.

6. In the Edit Navigation Item dialog, on the Target tab configure the following information:
   - The Link Name, as you want it to appear in the Navigation List
   - The URL location

   In the example below, Oracle is the Link Name and the URL Location is http://www.oracle.com.
7. On the Options tab, configure as appropriate.

**Note:** If the Open Link in the drop down list is set to popup, you must add the showCloseIcon attribute with a value of true in order for the close icon to appear in the popup window.

8. Click **OK**.

The Oracle link is now added to the AllocationNavigationModel navigation model.
9. Select **OK** to close the Edit dialog.

   For setting security on added resources, continue with "Restrict Access to URLs in the Navigation Model - Runtime" on page 3-4.

### Restrict Access to URLs in the Navigation Model - Runtime

Perform the following steps to restrict access to the newly added Oracle link:

- "Access Oracle Enterprise Manager Fusion Middleware Control" on page 3-4
- "Add Resource Permission" on page 3-7
- "Restrict Access to the URL link in the Navigation Model" on page 3-11

### Access Oracle Enterprise Manager Fusion Middleware Control

Launch Fusion Middleware Control by entering its URL into a Web browser. The URL includes the name of the host and the administration port number assigned during the installation. This URL takes the following form: `http://hostname:port_number/em`. The default port is 7001. For more information about using Fusion Middleware Control, see *Oracle Fusion Middleware Administrator’s Guide*.

### Display the Security Menu in Fusion Middleware Control

Use the following procedure to display the security menu in Fusion Middleware Control.

1. Log into Oracle Enterprise Manager Fusion Middleware Control by entering the URL in a Web browser.

   For example, `http://hostname:7001/em`.
   
   The Fusion Middleware Control login page displays.
2. Enter the Retail Fusion application's administrative user name and password and click **Login**.

   The password is the one supplied during the installation of the Retail Fusion application. If these values have been changed, then use the current administrative user name and password combination.

3. From the target navigation pane, open WebLogic Domain to display the application domain (for example: APPdomain). Display the Security menu by selecting one of the following methods:
   - Right-click the application domain and hover over Security in the popup menu to display a submenu.
From the content pane, select the application domain in the tree to open the domain's home page. Open the WebLogic Domain menu located below the domain's name and hover over Security to open the Security submenu.
Add Resource Permission

After having accessed the Oracle Enterprise Manager Fusion Middleware Control and opened the Security submenu, perform the following procedure to add a resource permission:

1. Select the Application Policies from the security sub menu to display the Application Policies screen.
2. Select the required Application stripe from the Application Stripe drop down (for example: ALC_PORTAL) and click the Search button to display the application policies.

3. Select the Privilege role from the Principal list which will have access to the URL (for example: ALC_ALLOCP_MTAINTN_PRIV), and select the edit icon to display the Edit Application Grant screen.
4. Use the Add button in the permissions section to add new Resource Permission and select Resource Permission from the drop down list of the Permission Class field.

5. Select Continue to add permission class details. Use the following values in the input fields and click the Select button.
   - Permission Class: oracle.security.jps.ResourcePermission
- Resource Name: resourceType=url,resourceName=OracleLink
- Permission Actions: View

**Figure 3–13 Adding Permission Class Details**

---

**Note:** Make sure that the Privilege role used to add resource permission is mapped to the job role intended to have access.

For example: ALC_ALLOC_MANTAIN_PRIV is mapped to the ALLOCATOR_JOB role through ALC_ALLOC_MANAGEMENT_DUTY
Restrict Access to the URL link in the Navigation Model

Perform the following procedure to restrict access to the URL link in the navigation model:

1. Select the URL link from the navigation model and select Edit icon to display the Edit Navigation Item screen.

For example: Oracle link in the Navigation Model
2. Select the Expression builder option by clicking the drop down arrow next to the visible property.

3. Enter the following value in the Type a value or expression text field and keep clicking the OK button until you get to the Admin Portal page.
Access to the Oracle link should now be restricted to the ALLOCATOR_JOB role.

**Note:** You may need to wait few minutes (to refresh cache) for these changes to be reflected in your application.
Creating Task Flows at Run Time

Task flows are reusable building blocks developed using the Oracle Application Developer Framework (ADF). Rather than developing an application as a single large JSF page flow, application developers break up page design into a collection of reusable task flows. Oracle Retail Allocation was developed using task flows. The application’s resource catalog is configured with additional task flows that can be added at run time. Using Oracle Composer, you can edit the application page from either the WebCenter Portal Administration Console or from the Edit Current Page menu item on the application’s main page.

---

**Note:** Page edits made from the Administration Console are visible to all authorized users. Page edits made from the Edit Current Page menu item are visible only to the user who made the change.

---

The WebCenter Portal Administration Console allows authorized administrators to create reusable task flows at run time. These task flows are then included in the application’s resource catalog, where they become available to authorized users for inclusion in the application.

**Creating Task Flows at Run Time**

The following example explains how to create task flows at run time in the WebCenter Portal Administration Console. It also explains how to modify the application’s sidebar to add a link to the sample task flow.

1. Login to the Oracle WebCenter Administration Console as the admin user.
2. Select the Administrator menu item and open the Resources tab.
3. From the Mashups panel, select Task Flows.

5. Enter a name for the task flow and select a mashup style from the available choices.

Figure 4–4 Setting Task Flow Details

6. Click Create to create the flow. Your new task flow shows up in the Mashups Task Flows panel.
7. From the Mashups Task Flows panel, select your new task flow from the list of task flows and select **Edit** from the Edit menu.

Your empty task flow opens in an Oracle Composer window. From here you can edit your task flow to include the desired content. In the following example, the Web Content item in the resource catalog is used to add a web page to your new task flow.
Creating Task Flows at Run Time

**Figure 4–7 Empty Task Flow**

---

**Note:** The following example shows just one of many components that can be added to your task flow. A more complex task flow can be created by nesting components within boxes and boxes within boxes to create a more complex layout.

8. Click the **Add Content** button, and then open the Web Development folder in the Add Content dialog by clicking the **Open** icon next to the folder.

**Figure 4–8 Adding Content to the Task Flow**

---

9. Locate the Web Page item and click the **Add** icon to add it to the task flow.
10. After adding the Web Page item, click Close to close the Add Content dialog.

11. To set the destination of the newly added web page:
   a. Click the Edit icon (wrench) in the toolbar of the Web Page header to open the Component Properties dialog.
b. Set the Source field in the Component Properties dialog to the URL of the web page.

Figure 4–11 Adding Properties to the new Work Flow

12. When you are finished making changes, save your changes and close the Edit Taskflow window. Composer will close and return back to the WebCenter Portal Administration Console.

13. If you are satisfied with your completed task flow, make it available for inclusion in your application’s resource catalog by opening the Edit menu and clicking Show for the newly created task flow.
Adding a Task Flow Link to a Navigation Model

Now that you have created your task flow and made it visible, you have the choice of adding it to an existing page by using Oracle Composer to edit the page and add the task flow as content. You can also change your application's navigation model to add a link to the task flow in the application's sidebar. The following steps explain how to change the navigation model to add a link to your new task flow.

1. To add the task flow to the navigation model you need the task flow's URL. You need to gather some information about the task flow to create the URL:
   - The task flow URL
   - The task flow ID
2. Open a text editor and start with a blank page that you will use for a scratch pad. Enter the following text:
   ```
   taskflow:/
   ```
3. Back in your application's WebCenter Portal Administration console, select the task flow and click on the About button.
4. Click on the "*" by the Metadata File name to view the full metadata file path/name.

5. Highlight the full text in the popup window then copy it to the system clipboard (control-C for example).
6. Paste the metadata file name from the clipboard to your text editor, appending it immediately following the existing text. At the end of this string add the single character "#". The resulting string will look something like this (all on one line):

taskflow://oracle/webcenter/siteresources/scopedMD/a8bba98ff_4cbb_40b8_beee_296c916a23ed/taskFlow/gsrfl7a1350_c41c_4294_b5b8_6349b2cc353d/taskflow-definition.xml#

7. To complete the URL you need the taskflow ID. In the Administration Console, open the Edit menu and click **Edit Source**.

*Figure 4–15  Selecting Edit Source*

8. Locate the "id" attribute in the Edit Source dialog and highlight its value.
9. Copy and paste the ID to your temporary text file to complete the task flow URL. The result will look similar to the following string.

```
taskflow://oracle/webcenter/siteresources/scopedMD/s8bba98ff_4cbb_40b8_beee_296c916a23ed/taskFlow/gsrfl7a1350_c41c_4294_b5b8_634b2cc353d/taskflow-definition.xml#blanktaskflow
```

**Note:** The above string is an example. Your URL will vary but the format will be similar.

10. Now you are ready to add a link to this task flow in your application’s navigation model. Select **Navigations** in the Structure list of the Resources tab of the Administration Console.
11. Select the AllocationNavigationModel navigation model and open the Edit menu. From the Edit menu, select Edit.

12. Click the Add button and select Link.
13. In the Edit Navigation Item dialog, change the Name field to the value you want to display in the application’s navigation tree. To internationalize the string, click on the downward pointing icon to the right of the Name field.

14. Change the Path field to specify the URL of the task flow. The task flow URL is a concatenation of “taskflow://” followed by the metadata file path name followed by “#” followed by the task flow id. In the example above, the task flow URL to paste in the Path field of the Edit Navigation Item - Link dialog is:

   `taskflow://oracle/webcenter/siteresources/scopedMD/s8bba98ff_4cbb_40b8_beee_296c916a23ed/taskFlow/gsrfl7a350_c41c_4294_b5b8_634b2cc353d/taskflow-definition.xml#blanktaskflow`

15. If you are done making changes, click OK to save changes. The task flow should now be added to your navigation model and should be visible in the application’s navigation tree. If you want to control the visibility of the task flow, proceed to the next step.

16. To control access to the task flow, in the navigation model, select the Expression Builder option next to the Visible field.
17. Using the expression editor, specify the groups and application roles that are allowed to access the task flow in the navigation model as shown in the example below.

**Figure 4–22 Specifying the Group and Application Roles**

18. The example above used EL expression -
'#{WCSecurityContext.userInGroup['BUYER_JOB'] or WCSecurityContext.userInAppRole['Administrator']}'.
This expression will limit access to the task flow to the users who have BUYER_JOB role or users in 'Administrator' application role. Use the 'or' clause to add more roles to have access to the task flow.