Oracle Utilities Customer Self Service

Whitepaper: Customizing and Extending the OUCSS Custom Portal

Release 2.1.0 Service Pack 2

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Table of Contents

Overview	5
Additional Resources	5
Abbreviations	5
Preparation and Procedures	6
Software Requirements	6
Pre-Installation Tasks	6
Assumptions	6
Portal Extension	7
About Security	7
Adding New Taskflows and Pages	8
Accessing User Account Details	11
Adding Support for a New Language	
Deploying the extend.oucss.portal as a Shared Library	
Parallel Development on the Portal Extension	24
Deploying CM ExtendOUCSSPortal Projects	
Parallel Customization of Existing Taskflows	
WebCenter Portal Application Local Instance	
Portal Rebranding	
Customizing the Page Template	
Customizing an Existing Page Template	
Exporting Page Templates	
Importing Page Templates	
Customizing the Navigation Model	
Customizing Provided/Creating New Navigation Models	
Accessing Pages from the Extended OUCSS Portal	

Portal Labels	85
Customizing Skins	79
Customizing the Resource Catalog	73
Importing a Navigation Model	71
Exporting an Existing Navigation Model	70

Chapter 1

Overview

This whitepaper describes the steps required to customize and re-brand OUCSS Custom Portals.

Additional Resources

Further information is available in the *Developing Portals with Oracle WebCenter Portal (11.1.1.8.0)*, available on the OTN at http://docs.oracle.com/cd/E29542_01/webcenter.1111/e63259/toc.htm.

Note: This document and related documentation is subject to revision and updating. For the most recent versions of documentation relating to this produce, as well as information on functionality and known issues for other Oracle products that may be required for installation and proper functionality of this product, check the Oracle Utilities Customer Self Service section of the <u>Oracle Utilities Documentation</u> area on the Oracle Technology Network (OTN) web site (http://www.oracle.com/technetwork/apps-tech/utilities/documentation/index.html).

Abbreviations

- CCB Oracle Utilities Customer Care and Billing
- MDM Oracle Utilities Meter Data Management
- DDL Data Definition Language
- MDS Metadata Services
- OUCSS Oracle Utilities Customer Self Service
- Portal Oracle WebCenter Portal Framework
- Rest Representational State Transfer

Chapter 2

Preparation and Procedures

Software Requirements

Please refer to the *Oracle Utilities Customer Self Service Installation Guide* for product-specific versions and the current patch level.

Pre-Installation Tasks

The following tasks should be completed before you can customize OUCSS Portal.

- Ensure that your Oracle JDeveloper version is 11gR1 PS6 (11.1.1.7.0).
- Ensure that the WebCenter Extension bundle (11.1.1.8.0) is enabled in JDeveloper.
- Ensure that your OUCSS (custom) Portal has been deployed and is running.

Assumptions

- The OUCSS Portal is built using the "WebCenter Portal Framework" application template.
- The Custom Portal is deployed onto an Oracle WebLogic (10.3.6) server.
- The OUCSS Schema is created and populated with seed data. For running the taskflows, a data source with jndi name **jdbc/OUCSSDS** is also expected in the target application server.
- For taskflows that require the sending of emails (e.g., Registration, Invite, etc.), a mail session with the jndi name **mail/OUCSS** is also expected on the target application server.

Note: The following information is not within the scope of this document:

- Setup of database and MDS or other schemas required by the custom portal.
- Detailed security of the custom portal to restrict access to taskflows, page templates, navigation models, and/or portal pages.

Portal Extension

The OUCSS Portal can be extended by creating custom taskflows and pages using the **ExtendOUCSSPortal** workspace included in ExtendOUCSSPortal.zip. The ExtendOUCSSPortal workspace includes three projects: **OUCSSPortalADFLibrary**, **OUCSSRestExtensionLibrary** and **OUCSSPortalSharedLibrary**.

The OUCSSPortalADFLibrary project is used to add portal artifacts (taskflows and pages) and the OUCSSRestExtensionLibrary project is used to extend OUCSS Rest Services and adding custom services. The OUCSSPortalSharedLibrary project is used for redeploying the **extend.oucss.portal** shared library.

Note: You can add pages at runtime from the **Administrator** > **Pages** screen. For a smooth OUCSS upgrade, Oracle recommends that you create pages using the ExtendOUCSSPortal approach.

About Security

The OUCSS Portal is secured and requires permissions to be granted to render custom taskflows and pages. The OUCSS Portal's security is implemented with required permissions to allow rendering of taskflows deployed using the **OUCSSPortalADFLibrary** project.

For this security design to work the taskflow definition should be created under

<<ExtensionWorkSpace>>/OUCSSPortalADFLibrary/public html/WEB-INF/oracle/ugbu/ss/custom/secure

and/or

<<ExtensionWorkSpace>>/OUCSSPortalADFLibrary/public_html/WEB-INF/oracle/ugbu/ss/custom/public

Custom Pages and Taskflow fragments should also be created under

<<ExtensionWorkSpace>>/OUCSSPortalADFLibrary/public_html/oracle/ugbu/ss/custom/pages/secure

and/or

```
<<ExtensionWorkSpace>>/OUCSSPortalADFLibrary/public_html/oracle/ugbu/ss/custom/pages/public
```

Use the following security criteria when creating taskflows:

- Create taskflows under \WEB-INF\oracle\ugbu\ss\custom\secure if access is to be restricted to authenticated/ logged-in users.
- Create taskflows under \WEB-INF\oracle\ugbu\ss\custom\public if the taskflows are to be accessible to all users (including public users).
- Create pages/fragments under \oracle\ugbu\ss\custom\pages\secure if the pages should be accessible only to authenticated/logged-in users.
- Create pages/fragments under \oracle\ugbu\ss\custom\pages\public if the pages should be accessible to all users (including public users).

The OUCSS Portal Administrator can manage the pages and taskflows created under both secure and public folders.

Adding New Taskflows and Pages

- 1 Extract the contents of ExtendOUCSSPortal.zip and open ExtendOUCSSPortal.jws in JDeveloper.
- 2 Select the public_html\WEB-INF\oracle\ugbu\ss\custom\secure folder in the OUCSSPortalADFLibrary project and add a new ADF Taskflow.

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OUCSSRestExtensionLibrary	Create a task flow source file whose contents define either a bounded task flow or part of the web application's unbounded task flow. A bounded task flow can refer specifically to JSP pages or page fragments, but not both. You an also designate the bounded task flow to be a train at this time. Elie Name: Directory: SSPortal/OUCSSPortalADFLibrary/public_html?WEB=INF\oracle\ugbu\ss\custom\secure Browse Create as Bounded Task Flow Task Flow JD: DemoSecuredTaskflow Create with Page Fragments Create Train Base on Template: Create Train Help OK Cancel		8
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Application Resources Data Controls Recently Opened Files			Editin

3 For the purposes of this demo, we'll create a secure taskflow containing one **view/jsff** (demo.jsff) that displays, "Hello World! Demo Secured Taskflow".

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OUCSSRestExtensionLibrary				🗉 Style
				🗄 Behavior
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- **4** Repeat step 2 and 3 to create other secured and public taskflows.
- 5 Select the /public_html/oracle/ugbu/ss/custom/public folder in the OUCSSPortalADFLibrary project and add a new Page (jspx).

For the purposes of this demo, a page named DemoPublicPage.jspx is created that contains the text, "Hello World! Demo Public Page".

Note: For security to work, always add a **Page Definition** for all pages added in an **ExtendOUCSSPortal** project. If the page definition is not added, the page will not render in the portal.

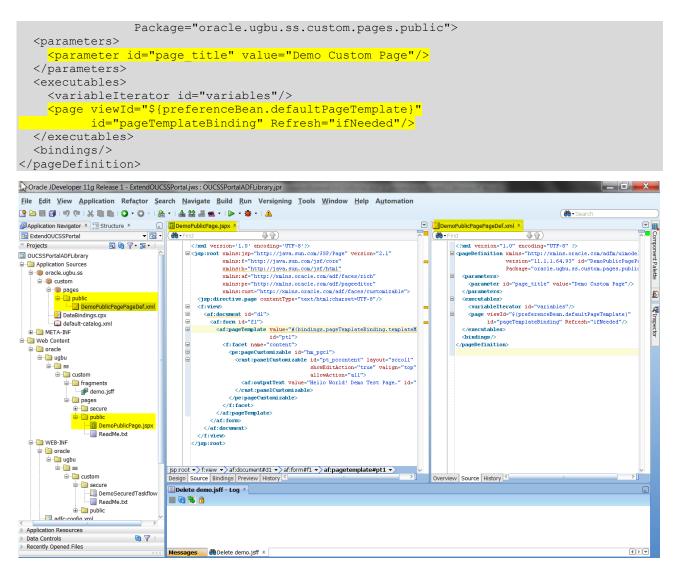
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🗢 Projects 💽 🖓 🏆 + 🏣 + 🗌	🕁 Create JSF Page	BoutputText O
OUCSSPortalADFLibrar	Enter the name, directory, and choose a type for the JSF Page. Optionally reference a Page Template to include its content	ADE Faces
Application Sources	Enter the name, directory, and choose a type for the JSF Page. Optionally reference a Page Template to include its content in this page, or apply a <u>Quick Start Layout</u> to add and configure an initial set of layout components.	Check Uncommitted Data Behavior
🖨 🛅 Web Content		🕸 List Item
e⊷ oracle		Common Components
i - i ss	Eile Name: DemoPublicPage.jspx	we Bread Crumbs
😑 🛅 custom	Directory: ns\Portals\ExtendOUCSSPortal\OUCSSPortalADFLibrary\public_html\oracle\ugbu\ss\custom\pages\public Browse	Button
🖨 🧰 fragments	Create as XML Document (*.jspx)	Calendar Y
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- **6** The newly-created page should reference a page template and page editor to enable runtime customization. To create the references:
 - Modify the JSPX as follows:

```
<?xml version='1.0' encoding='UTF-8'?>
<jsp:root xmlns:jsp="http://java.sun.com/JSP/Page" version="2.1"
          xmlns:f="http://java.sun.com/jsf/core"
          xmlns:h="http://java.sun.com/jsf/html"
          xmlns:af="http://xmlns.oracle.com/adf/faces/rich"
         xmlns:pe="http://xmlns.oracle.com/adf/pageeditor"
          xmlns:cust="http://xmlns.oracle.com/adf/faces/customizable">
  <jsp:directive.page contentType="text/html;charset=UTF-8"/>
  <f:view>
    <af:document id="d1">
      <af:form id="f1">
       <af:pageTemplate value="#{bindings.pageTemplateBinding.templateModel}"</pre>
                         id="pt1">
          <f:facet name="content">
            <pe:pageCustomizable id="hm pgc1">
              <cust:panelCustomizable id="pt_pccontent" layout="scroll"
                                      showEditAction="true" valign="top"
                                      allowAction="all">
                <af:outputText value="Hello World! Demo Test Page." id="ot1"/>
             </cust:panelCustomizable>
            </pe:pageCustomizable>
          </f:facet>
        </af:pageTemplate>
      </af:form>
    </af:document>
  </f:view>
</jsp:root>
```

• Modify the Page Def as follows:



- 7 Repeat step 4 and 5 to create other secured and public pages.
- 8 After deployment of exted.oucss.portal shared library,
- 9 Review the <u>Configure the Resource Catalog</u> section of this document to consume the taskflow in OUCSS Portal.
- 10 Review the Access Pages from Extend OUCSS Portal section of this document to access page in OUCSS Portal.

Accessing User Account Details

As part of OUCSS Portal Install, libraries are installed that contain the taskflows and java classes. These libraries are packaged as .war files under <<webcenter_WSS_zip>>\Install\application\. The following table summarizes the libraries

WAR File Name	Deployed As	Description
OUCSS_Common_Extension.war	com.oracle.ugbu.ss.lib (11.1.1, 11.1.1.9.0)	The common library contains OUCSS APIs and common code.
OUCSS_Residential_Extension.war	com.oracle.ugbu.ss.residential.lib (11.1.1, 11.1.1)	The residential library contains Core OUCSS taskflows and modules.
OUCSS_Commercial_Extension.war	com.oracle.ugbu.ss.commercial.lib (11.1.1,	The commercial library contains taskflows

11.1.1.9.0)

The com.oracle.ugbu.ss.lib deployed contains jars of OUCSS API and other shared java classes. By adding jars from OUCSS_Common_Extension.war to OUCSSPortalADFLibrary projects will allow access to the OUCSS API and other artifacts in custom pages and taskflow views.

In the following example, a managed bean is created and accessed using the Secured Taskflow. The managed bean will retrieve accounts of a logged-in user and display the list in the custom taskflow.

1 Unjar/Unzip the OUCSS_Common_Extension.war file from <<webcenter_WSS_zip>>\Install\application\ into a folder that is accessible to JDeveloper.

Name 👻	Date modified	Туре	Size
oracle.ugbu.ss.shared.utilities.jar	3/25/2015 6:52 PM	Executable Jar File	262 KB
oracle.ugbu.ss.shared.model.jar	3/25/2015 6:52 PM	Executable Jar File	1,043 KB
🐵 oracl 🖓 gbu.ss.shared.commercial.view.jar	3/25/2015 6:52 PM	Executable Jar File	24 KB
oracle.ugbu.ss.shared.commercial.model.jar	3/25/2015 6:52 PM	Executable Jar File	11 KB
oracle.ugbu.ss.shared.commercial.api.jar	3/25/2015 6:52 PM	Executable Jar File	5 KB
oracle.ugbu.ss.shared.api.jar	3/25/2015 6:52 PM	Executable Jar File	41 KB
oracle.ugbu.ss.base.acctcontextinfo.model.jar	3/25/2015 7:05 PM	Executable Jar File	79 KB

- 2 Unjar/unzip the OUCSS_Residential_Extension.war and/or OUCSS_Commercial_Extension wars from <<webcenter_WSS_zip>>\Install\application\ into a folder that is accessible to JDeveloper.
- **3** From JDeveloper's **Resource Palette**, create a **File System Connection** to the folder containing the jar files. For example, create a File System Connection named "OUCSS Shared" using the

<<Unzip_Folder>>\OUCSS_Extension\WEB-INF\lib directory created in step 1.



Create File System Connection	×				
Choose Application Resources to create a file system connection owned by and deployed with the current application (ExtendOUCSSPortal.jws). Choose IDE Connections to create a connection that can be added to any application.					
Create Connection in: <u>Application Resources</u> <u>IDE Connections</u> Co <u>n</u> nection Name: OUCSS Shared					
Directory Path:	e				
Test Connection Success!					
Help OK Cano	el				

- 4 Click OK and explore the OUCSS Shared connection to see the jars in the Resource Palette.
- 5 Make sure the OUCSSPortalADFLibrary project is selected in JDeveloper. Right-click oracle.ugbu.ss.shared.utilities under the OUCSS Core Taskflows File System connection, then select Add to Project from the context menu. If a confirmation dialog appears, click Add Library.



- 6 Repeat step 4 and add the oracle.ugbu.ss.shared.api library to the project.
- 7 Save all.
- 8 Create a Java class (DemoManagedBean.java, sample code below) and extend the SSBaseManagedBean class.

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🔻 Projects 🔄 🗞 🍸 - 🔚 -	1	<pre><?xml version='1.0' encoding='UTF-8'?></pre>				
- OUCSSPortalADFLibrary	2 🖃	<jsp:root <="" td="" xmlns:jsp="http://java.sun.com/JSP/Page"><td>version="2.1"</td><td></td></jsp:root>	version="2.1"			
Application Sources	3		Create Java Class	×		
🖨 🍈 oracle.ugbu.ss	4	<pre>xmlns:af="http://xmlns.oracle.com/adf/1</pre>				
i →	6	<pre>xmlns:pe="http://xmlns.oracle.com/adf/j xmlns:cust="http://xmlns.oracle.com/adj</pre>	Enter the details of your new class.			
🗷 🛅 META-INF	7	<jsp:directive.page contenttype="text/html;chail</td><td></td><td></td></tr><tr><td>🛱 🛅 Resources</td><td>8 🖃</td><td><f:view></td><td></td><td></td></tr><tr><td>ADF Library Dependencies</td><td>9 🖃</td><td><af:document id=" dl"=""></jsp:directive.page>	<u>N</u> ame: DemoManagedBean			
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ReadMe.bt	23		public	None>		
B WEB-INF	24		package protected	abstract		
Page Flows	25		O package protected			
OUCSSPortalSharedLibrary				C Turqi		
OUCSSRestExtensionLibrary	27		Constructors from Superclass			
			✓ Implement Abstract Methods			
			Main Method			
			<u>H</u> elp	OK Cancel		

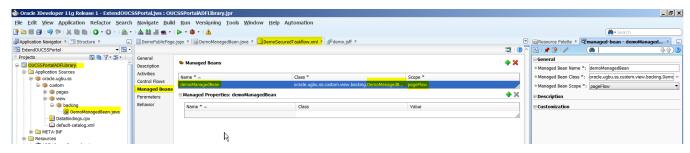
9 Use the following sample code to access the account details in the taskflow.

Note: The following code sample assumes that the custom taskflow or page will default the userId to the logged-in User. If you want to test the code without logging in, then override the user to a valid OUCSS User by calling super.setWebUserId("<<valid UserId>>); in the constructor of the DemoManagedBean.

```
package oracle.ugbu.ss.custom.view.backing;
import com.oracle.ugbu.ss.api.model.account.OUCSSAccount;
import com.oracle.ugbu.ss.api.model.account.OUCSSAccountList;
import com.oracle.ugbu.ss.api.model.security.OUCSSUser;
import com.oracle.ugbu.ss.shared.view.beans.SSBaseManagedBean;
public class DemoManagedBean
  extends SSBaseManagedBean
  @SuppressWarnings("compatibility")
  private static final long serialVersionUID = 1L;
  String mLOB = null; //Set the LOB for account. Null will fetch accounts for all LOBS.
  public DemoManagedBean()
    super();
    // Uncomment to Override the user for testing in JDev.
    //super.setWebUserId("<<valid UserId");</pre>
  }
  /**
   * Method to get details about the current logged in user.
   * @return
   */
  public OUCSSUser getUser()
  {
    return super.getContext().getCurrentUser();
  }
```

```
/**
 * Method to get list of accounts enrolled to logged in User.
 * @return
 */
public OUCSSAccountList getUserAccountList()
  OUCSSAccountList accountList =
    getContext().getCurrentUser().getUserAccounts(mLOB);
  return accountList;
}
/**
 * Method to get the currently selected account.
 * @return
 */
public OUCSSAccount getCurrentAccount()
  OUCSSAccount currentAccount =
   getContext().getCurrentUser().getCurrentUserAccount();
  return currentAccount;
}
```

10 Set the DemoManagedBean class as a managed bean in the taskflow definition. For the purposes of this example, the scope used is pageFlowScope.



11 Update the previously-created demo.jsff to include user and account details by referencing the managed bean methods.

Sample JSPX code:

```
<?xml version='1.0' encoding='UTF-8'?>
<jsp:root xmlns:jsp="http://java.sun.com/JSP/Page" version="2.1"
          xmlns:af="http://xmlns.oracle.com/adf/faces/rich"
         xmlns:f="http://java.sun.com/jsf/core">
  <af:panelBorderLayout id="pbl1">
    <f:facet name="top">
      <af:outputText value="Hello World! Demo Secured Taskflow." id="ot1"/>
    </f:facet>
    <af:panelGroupLayout layout="vertical" halign="start" id="pgl1">
      <af:outputText value="First Name : #{pageFlowScope.demoManagedBean.user.firstName}"
                     id="ot4"/>
      <af:outputText value="Last Name : #{pageFlowScope.demoManagedBean.user.lastName}"
                     id="ot5"/>
      <af:outputText value="Email : #{pageFlowScope.demoManagedBean.user.emailAddress}"
                     id="ot6"/>
      <af:table value="#{pageFlowScope.demoManagedBean.userAccountList}"
                var="row" id="t1" contentDelivery="immediate"
                columnStretching="last" rowSelection="none"
                summary="Account List" columnSelection="none"
                rowBandingInterval="1" shortDesc="Account List">
        <af:column headerText="Account Id" id="c1" rowHeader="true">
          <af:outputText value="#{row.key1}" id="ot2"/>
```

```
</af:column>
<af:column headerText="Person Id" id="c2">
<af:outputText value="#{row.key2}" id="ot3"/>
</af:column>
</af:table>
</af:panelGroupLayout>
</af:panelBorderLayout>
</jsp:root>
```

12 Deploy the extension again and consume the taskflow in any page. The sample code produces the following result:

			Welcome DemoUser Administration Logout
Your Company			· · · · · ·
Tag Line for Your Konneny			
Home Account(s)	Notifications Outages New Customer	User Profile Forms Old Portlets	•
Hello World! Demo Secured Taskflow. First Name : User Email : demouser@oracle.com Account Id Person Id 36 60 82 57 134 47 87 84 60 87 87 87 87 87 87 87 87 87 87			

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13 Review the following:

- Customizing the Resource Catalog section of this document to consume the taskflow in the OUCSS Portal.
- <u>Accessing Pages from the Extended OUCSS Portal</u> section of this document to access the page in the OUCSS Portal.

Adding Support for a New Language

OUCSS Portal by default is configured only to support English. In order to translate navigation links and page titles in OUCSS Portal, Portal bundles for the additional bundles are required to be created. In order to add a Portal Bundle for your supported language(s),

1 Create a new package in the Application Sources under the project OUCSSPortalADFLibrary. Right click on the 'Application Sources' directory and select 'New' from the pop-up menu.

🧈 Oracle JDeveloper 11g Release 1 - ExtendOUCSSPortal.jws : OUCSSPortalADFLibrary.jpr						
	ation Refa <u>c</u> tor <u>S</u> earch <u>N</u> avigate <u>B</u> uild		oning <u>T</u> ools	<u>W</u> indow	<u>H</u> elp	A <u>u</u> tomation
	🗎 🛍 I 🗿 - 💿 - I 🏯 - I 🎰 🕍 🗯 - I 🕨	> • 🐠 • 🗥				
Application Navigator ×						
ExtendOUCSSPortal						
Projects	Q 00 7 + ½ + 1					
OUCSSPortalADFLibrary						
Application Sources Resources	<u> </u>	Ctrl-N				
🗉 🛅 Web Content	X Delete					
OUCSSPortalSharedLibr OUCSSRestExtensionLib	Mala	Ctrl+Shift-F9				
	Rebuild	Alt+Shift-F9				
	Run Unit Tests in Application Sources					
	Debug Unit Tests in Application Sources					
	Refa <u>c</u> tor	•				
	🖟 Ref <u>o</u> rmat	Ctrl+Alt-L				
	Organize Imports	Ctrl+Alt-O				
	Compare Wit <u>h</u>	•				
	Restore from Local History					

2 Select Java under 'General' categories in the left panel. Select 'Java Package' in the right panel. Click 'Ok'.

Oracle JDeveloper 11g Release 1 - ExtendOUCSSPortal.jws : OUCSSPortalADFLibrary.j	pr
<u>File Edit View Application Refactor Search Navigate Build Run</u> Versig	oning Tools Window Help Automation
Portugal (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	
Application Navigator × 📃	
Revierts	X
OUCSSPortalADFLibrary All Technologies Current Pro	ject Technologies
	the current project's selected technologies.
the Web Content	the current project s <u>selected technologies</u> .
OUCSSPortalSharedLibrary	
OUCSSRestExtensionLibrary <u>Categories:</u>	Items: Show All Descriptions
General	🔷 🖃 Java Class
- Applications - Connections	🗐 Java Interface
- Deployment Descriptors	🕼 Java Package
Deployment Profiles	Opens the Create Package dialog, in which you define a new
Diagrams	empty package.
External Applications	To enable this option, you must select a project or a package
Projects	within a project in the Application Navigator.
	Annotation
⊖Business Tier	Enum
—ADF Business Componer —Data Controls	🖫 Java Class Diagram
Security	× 3
Help	OK Cancel
Епр	

3 Enter src.java.oracle.ugbu.ss.portal as the Package Name and click OK.

Create Java Package	X
Enter the name and source directory for the new package.	Ô
<u>P</u> ackage Name src.java.oracle.ugbu.ss.portal	
Source Directory	
ExtendOUCSSPortal\OUCSSPortalADFLibrary\src\java	owse
<u>Н</u> еlp ОК С	ancel

4 Create a new resource bundle with the appropriate locale and the name format **PortalBundle_<<locale>>.properties** under the package created in step 3. A separate bundle must be created for each supported locale.

For example, the following **PortalBundle_de.properties** bundle is created to support the German language/locale. See <u>Appendix-A</u> for the list of properties to be added to the Portal Bundle.

🖕 Oracle JDeveloper 11g Release 1 - ExtendOUCSSPortal.jws : OUCSSPortalADFLibrary.jpr		
<u>File Edit View Application Refactor Search</u>	<u>N</u> avigate <u>B</u> uild <u>R</u> un Versi <u>o</u> ning <u>T</u> ools <u>W</u> indow <u>H</u> elp A <u>u</u> tomation	
- O - I & - I & - O - I	🚵 🕍 🛲 🕶 ⊳ 👻 🕸 🖌 🛕	
Application Navigator × 📜 Structure ×	PortalBundle_de.properties ×	
E ExtendOUCSSPortal		
▼ Projects Q & ∀ + № +	1 APP TITLE=[PX][Oracle Utilities \u00E4]	
OUCSSPortalADFLibrary Outral O	<pre>2 DASHOARD_TITLE=[YX][Dashboard \u00E4] 2 DASHOARD_TITLE=[YX][Dacounts \u00E4] 4 ACCOUNT_LIST_TITLE=[PX][Account List \u00E4] 5 ACCOUNT_SEARCH_TITLE=[PX][Account Search \u00E4] 6 BILLING_HISTORY_TITLE=[PX][Billing History \u00E4] 7 FINANCIAL_HISTORY_TITLE=[PX][Financial History \u00E4] 8 BUDGET_BILLING_TITLE=[PX][Financial History \u00E4] 9 VIEW_BILL_TITLE=[PX][Financial History \u00E4] 10 HOME_TITLE=[PX][View Bill \u00E4] 11 COMPAFE_RATES_TITLE=[PX][Compare Rates \u00E4] 12 USAGE_DETAILS_TITLE=[PX][Compare Rates \u00E4] 13 PERSONAL_INFO_TITLE=[PX][Compare Rates \u00E4] 14 OUTAGE_DETAIL_TITLE=[PX][Report Outage \u00E4] 15 REPORT_OUTAGE_TITLE=[PX][Report Outage \u00E4] 16 SERVICE_MCMT_TITLE=[PX][Story Service \u00E4] 17 START_SERVICE_TITLE=[PX][Story Service \u00E4] 18 STOP_SERVICE_TITLE=[PX][Transfer Service \u00E4] 20 OUTAGES_TITLE=[PX][Outages \u00E4] 21 OUTAGE_TAPT_TITLE=[PX][Outage \u00E4] 22 OUTAGE_TITLE=[PX][Outage \u00E4] 23 OUTAGE_TITLE=[PX][Outage \u00E4] 24 OUTAGE_TITLE=[PX][Compare Service \u00E4] 25 OUTAGE_TITLE=[PX][Compare Service \u00E4] 26 OUTAGES_TITLE=[PX][Outages \u00E4] 27 OUTAGE_TITLE=[PX][Outages \u00E4] 28 OUTAGE_TITLE=[PX][Outages \u00E4] 29 OUTAGE_TITLE=[PX][Outages \u00E4] 20 OUTAGE_TITLE=[PX][Outages \u00E4] 20 OUTAGE_TITLE=[PX][Outages \u00E4] 21 OUTAGE_TITLE=[PX][Outages \u00E4] 22 OUTAGE_TITLE=[PX][Display List \u00E4]</pre>	
Application Resources Connections Descriptors META-INF MANIFEST.MF weblogic-application.xml ADF META-INF	<pre>23 REPORT_PUBLIC_OUTAGE_TITLE=[PX][Report Public Outage \u00E4] 24 NEW_CUSTOMER_TITLE=[PX][New Customer \u00E4] 25 SCALAR_READ_TITLE=[PX][New Customer \u00E4] 26 CHANGE_PASSWORD_TITLE=[PX][Change Password \u00E4] 27 CHANGE_USER_INFO_TITLE=[PX][Change View Profile \u00E4] 28 NANAGE_ADDRESS_TITLE=[PX][Manage Address \u00E4] 29 NANAGE_ADDRESS_TITLE=[PX][Manage Phone \u00E4] 30 NANAGE_EBILL_TITLE=[PX][Manage Phone \u00E4] 31 NANAGE_BILL_TITLE=[PX][Manage Automatic Payment \u00E4] 32 NANAGE_BILLNOTIFY_TITLE=[PX][Manage Billing Notification \u00E4] 33 ONETIME_PAY_TITLE=[PX][Payment \u00E4] 34 PAY_ARRANGEMENT_TITLE=[PX][Payment Arrangement \u00E4] 35 RESET_PAGE_TITLE=[PX][Forgot User ID/Password? \u00E4] 36 Source History </pre>	

- 5 <u>Deploy the extension library</u> and restart the managed server to load the bundle.
- 6 Set the browser language to the appropriate locale and access the portal to see the translated labels. In the following example, the browser locale is set to German.

anguage Preference	
	ead websites, listing in order of you need, as some characters car s in other languages.
Language:	
German [de] English (Upited States) [op.115	Move up
English (United States) [en-US Spanish [es]	Move <u>d</u> own
	Remove
	<u>A</u> dd
Prefix and suffix options	
Do not add 'www' to the be	ginning of typed web addresses
Specify the suffix (for example typed web addresses when yo	e .net) that should be added to ou press Ctrl + Shift + Enter.
Suffix:	
	OK Cancel

Deploying the *extend.oucss.portal* as a Shared Library

1 Modify the implementation version number in the MANIFEST.MF file in the OUCSSPortalExtension shared library (<<Application_Home>>/src/META-INF/MANIFEST.MF) before redeploying.

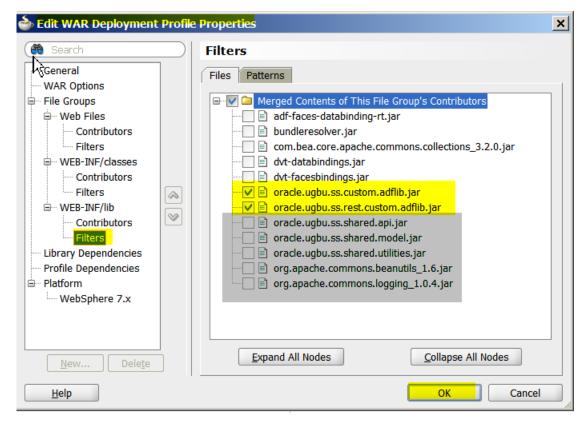
Note: The default implementation version number is 11.1.1.9.0. You can increment the major or minor version for every new revision deployed. For the purposes of this demo, the new implementation version number will be incremented to 11.1.1.9.1.

<u>File Edit View Application Refactor Search</u>	<u>N</u> avigate <u>B</u> uild <u>R</u> un So <u>u</u> rce Versi <u>o</u> ning <u>T</u> ools <u>W</u> indow <u>H</u> elp A <u>u</u> tomation
• 🔒 - 💿 • 💿 📲 🕌 🐂 •	I 🎄 🏙 🕌 🗙 🔻 I 🕨 🔻 🅸 🕶 I 🛕
Application Navigator × 🗄 Structure ×	🔢 DemoPublicPage.jspx 🗴 🔠 DemoManagedBean.java 🗴 📴 DemoSecuredTaskflow.xml 🗴 📃 MARIFEST.MF 🗡 🛃 dem
ExtendOUCSSPortal	Imailest-Version: 1.0
OUCSSPortalADFLibrary OUCSSPortalSharedLibrary OUCSSRestExtensionLibrary	<pre>2 Implementation-Vendor: Oracle 3 Implementation-Titl: Oracle OUCSS Portal Extension 4 Implementation-Version: 11.1.9.1) 5 Created-By: 10.0-b23 (Oracle America Inc.) 6 Specification-Version: 11.1.1 7 Extension-Name: extend.oucss.portal 8 </pre>
<mark>▼ Application Resources</mark> ⊕ Connections	
Descriptors	

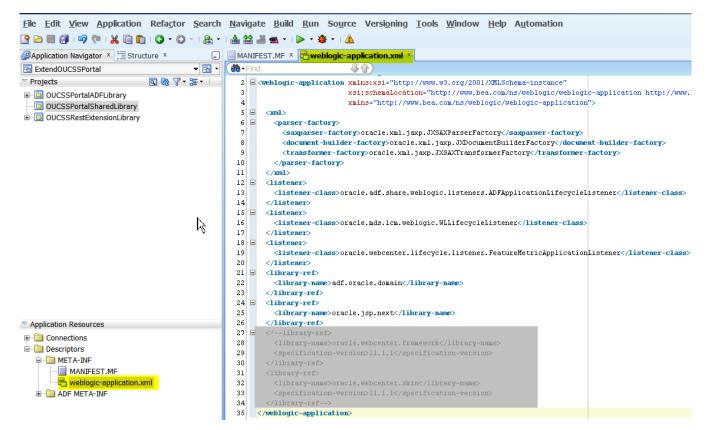
2 Edit the OUCSSPortalSharedLibrary project properties. Select **Deployments** and then edit the **OUCSSPortalSharedLibrary** deployment profile. Review the library references of the profile. Uncheck all jars references except **oracle.ugbu.ss.custom.adflib.jar** and **oracle.ugbu.ss.custom.rest.adflib.jar**.

Important: Remove any references to other jars from the extension library. If they are not removed, additional copies of these jars will be loaded at runtime and impact the application of patches and upgrades, and may cause other issues.

Project Properties -		Ext 🗙
🍘 Search	Deployment	
Project Source Paths ADF Model ADF Task Flow ADF View Ant Business Components Compiler Dependencies Deployment EJB Module Extension Javadoc Java EE Application JDevLibsForAnt JSP Tag Libraries JSP Visual Editor Libraries and Classpath Resource Bundle Run/Debug/Profile Technology Scope	 Use <u>Custom Settings</u> ● <u>Use Project Settings</u> Deployment Profiles: OUCSSPortalSharedLibrary (WAR File) 	Customize Settings
<u>H</u> elp		OK Cancel



3 Make weblogic-application.xml and make sure that the library names oracle.webcenter.framework and oracle.webcenter.skin are commented and not active. Remove these entries if added by JDeveloper.



4 Deploy the OUCSS Portal Extension Shared Library to consume the taskflow in the portal. Right-click on the **OUCSSPortalSharedLibrary** project and select the **OUCSSPortalSharedLibrary** deployment profile to redeploy the extension to the managed server running the OUCSS Portal application.

Oracle JDeveloper 11g Rele	ase 1 - ExtendOUCSSPortal.jws : OUCSSPortalSharedLibrary.jpr	and the	or the Distance of the local division of the
	on Refa <u>c</u> tor <u>S</u> earch <u>N</u> avigate <u>B</u> uild <u>R</u> un Versi <u>o</u> ning <u>T</u> ools <u>V</u> ┃ ◯ ▼ ◯ ~ 歳 ~ ☆ 諡 ≝ ≝ × ▷ × 參 × ▲	<u>V</u> indow <u>H</u>	lelp A <u>u</u> tomation
Application Navigator 🛛 📜	Structure × 📮 MANIFEST.MF × 🖶 weblogic-application.xml ×		
ExtendOUCSSPortal			~
Projects OUCSSPortalADFLibrary OUCSSPortalADFLibrary OucssPortalADFLibrary Application Sources Our oracle.ugbu.ss Our oracle.ugbu.s	د جمt جات د د د د د د د د د د د د د د د د د د د	jaxp.JXDocu	mentBuilderFactory
🗉 🛅 Web Content		Ctrl-N	s.ADFApplicationLifecycleListener <mark listener-cl
OUCSSPortalSharedLibrary OUCSSRestExtensionLibrary	Edit Project Source P <u>a</u> ths Delete <u>P</u> roject		eListener
	Version Project		r.FeatureMetricApplicationListener /listener-</td
	Show Overview		
	a Make OUCSSPortalSharedLibrary.jpr	Ctrl-F9	1
Application Resources	Rebuild OUCSSPortalSharedLibrary.jpr	Alt-F9	
Connections	Deploy	•	OUCSSPortalSharedLibrary
Descriptors META-INF MANIFEST.MF	▶ <u>R</u> un ≇ Debug		name> 45
weblogic-application	Run Uni <u>t</u> Tests in OUCSSPortalSharedLibrary.jpr		on>
	Debug Unit Tests in OUCSSPortalSharedLibrary.jpr		
	퉣 Ref <u>o</u> rmat	Ctrl+Alt-L	~
	Organi <u>z</u> e Imports	Ctrl+Alt-O	>U
	Compare Wit <u>h</u>	•	
	Replace <u>W</u> ith	•	
	Restore from <u>L</u> ocal History		
	Refresh ADF Library Dependencies in OUCSSPortalSharedLibrary.jpr		
Data Controls Recently Opened Files	Q Project Properties		

5 Be sure to choose the option to deploy the war as a *shared library* and not as a standalone application.

Seploy OUCSSPort	alSharedLibrary		
Weblogic Options			01010101010101010101010
Deployment Action Select Server	Indicate which server instances O Deploy to <u>all</u> instances in the	domain	ient.
Weblogic Options	Deploy to <u>selected</u> instances	in the domain	
Summary	List Standalone Servers a	nd <u>C</u> lusters	C List All Servers
	Name	Servers	Status
	WC_CustomPortal		RUNNING
	OUCSSMobility AdminServer		RUNNING
	This module can optionally be re O Deploy as a standalone Appli O Deploy as a shared Library	egistered as a shared	library
<u>H</u> elp			< <u>Back Next > Einish</u> Cancel

6 Check Deployments in the WebLogic Console to verify that the deployment was successful and the library is Active.

extend.oucss.portal(11.1.1,11.1.1.9.0)	Active	Library
extend.oucss.portal(11.1.1,11.1.1.9.1)	Active	Library

7 The custom managed server must be restarted for the newly-created taskflows and pages to be consumed in the OUCSS Portal.

Parallel Development on the Portal Extension

The previous topic described how to use the portal extension project ExtendOUCSSPortal to create and deploy custom task flows and pages. This procedure describes how custom portal artifacts can be developed and maintained by multiple developers working in parallel, each creating individual projects inside the ExtendOUCSSPortal. The projects can then be bundled together to create an extend.oucss.portal application to be deployed onto the portal server.

To enable parallel development on the portal extension:

1 Open the application **ExtendOUCSSPortal** in JDeveloper. Right-click on the application name under **Application Navigator**, then select **New**. From the **New Gallery** popup, navigate to the category **Projects** under **General** and select the project template for **ADF ViewController Project** or **ADF Model Project**.

To create new taskflows, pages, or Managed Beans, create an ADF ViewController Project.

All Technologies Current Project Tech This list is filtered according to the curren Contemporation Contemporation Contempor Contemporation Contemporation Co	-)	
<u>C</u> ategories:	Items:	Show All Descriptions
	Generic Project ADF Model Project	^
Deployment Descriptors Deployment Profiles Diagrams External Applications Java	 ADF Swing Project ADF ViewController Project Creates a project that defines view and controller of web application using ADF Faces and ADF Task Flow 	
<mark>Projects</mark> Unit Tests	EJB Project	
	Java Application Project	
·····ADF Business Components ·····Data Controls	🔁 Java Project	
SQA Tier	Project from Existing Source	
All Items	Project from WAR File	
	Roject Template	~

2 Since the project **Name** must be unique, choose a Name in coordination with other team members. For illustration purposes, the project name used in this procedure is **CMViewController**.

💩 Create ADF ViewContro	ller Project - Step 1 of 2	x
Name your project	01010101010101010101010	
Project Name	Project Name: CM/viewController Directory: t_applications\Portals\ExtendOUCSSPortal\CMViewController	<u>w</u> se
	Project Technologies Generated Components Associated Libraries Available: Selected: ADF Business Components ADF Faces ADF Desktop Integration ADF Page Flow ADF Mobile Browser ADF Swing Ant Java Database (Offline) SP and Servlets EJB JavaBeans Image: Selected: ADF Faces ADF Page Flow HTML Java JSF JSP and Servlets XML Image: Selected: Image: Selected: Ant Image: Selected: Database (Offline) Selected: EJB JavaBeans Image: Selected: Image: Selected: Image: Selected: Image: Selected: Image: Selected: Select	es, v
Help	< <u>B</u> ack <u>N</u> ext > <u>F</u> inish	Cancel

3 Select the default package, java source path, and output directory in the next screen to create the project.

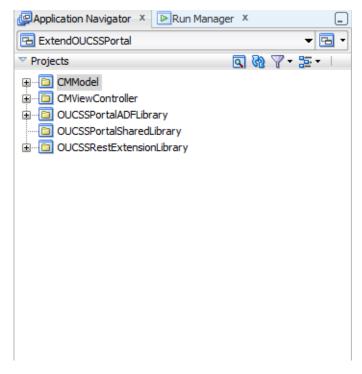
Important: To avoid ADF metadata conflicts (e.g., DataBindings.cpx, etc), ensure that the default package is unique among all custom projects. Choose the default package as oracle.ugbu.ss.custom.<<Unique_Modulename>>. For illustrative purposes, the default package used in this example is oracle.ugbu.ss.custom.cmview.

💩 Create ADF ViewControl	ler Project - Step 2 of 2
Configure Java settir	
Project Name	Your new project starts with a default package, a source root directory, and an output directory. Default Package: oracle.ugbu.ss.custom.cmview Java Source Path: [.0.2\portlet_applications\Portals\ExtendOUCSSPortal\CMViewController\src Output Directory: [vortlet_applications\Portals\ExtendOUCSSPortal\CMViewController\classes] Browse
<>	< <u>B</u> ack <u>N</u> ext > <u>Finish</u> Cancel

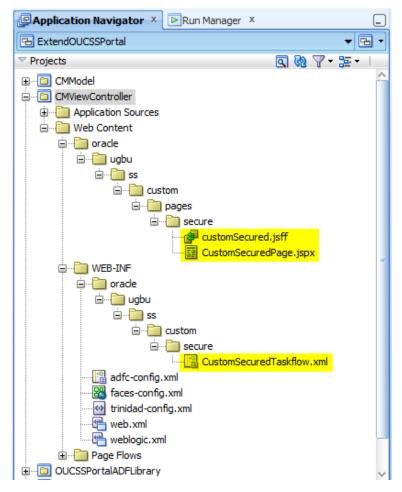
4 If required, create another project of category **ADF Model Project** following the same steps as described earlier for the ADF ViewController Project. Model projects are required when there is a need to create data controls, proxy classes, or another business model/ADFBC.

All Technologies Current Project Technologies This list is filtered according to the curre	- 1	
<u>Categories:</u>	Items:	Show All Descriptions
□General □Applications	Generic Project	
·····Applications ·····Connections ·····Deployment Descriptors ·····Deployment Profiles	ADF Model Project Creates a project that defines a data model for using ADF Business Components.	an ADF web application
·····Diagrams	D ADF Swing Project	
External Applications Java	ADF ViewController Project	
<mark>Projects</mark> Unit Tests	🛅 EJB Project	
Business Tier	Java Application Project	
·····ADF Business Components ·····Data Controls	🔁 Java Project	
Security	Project from Existing Source	
SOA Tier All Items	Droject from WAR File	
	Project Template	

5 When completed, the ExtendOUCSSPortal should contain the new projects along with the out-of -the-box projects, as shown in the following image:



- 6 Create custom task flows and pages inside the new projects following the same steps as described in the <u>Adding New</u> <u>Taskflows and Pages</u> section of this document. Also review the <u>About Security</u> section to understand the folder structure that should be maintained while creating portal resources.
- 7 For the purposes of this example, a secured taskflow and page has been created inside the CMViewController project.



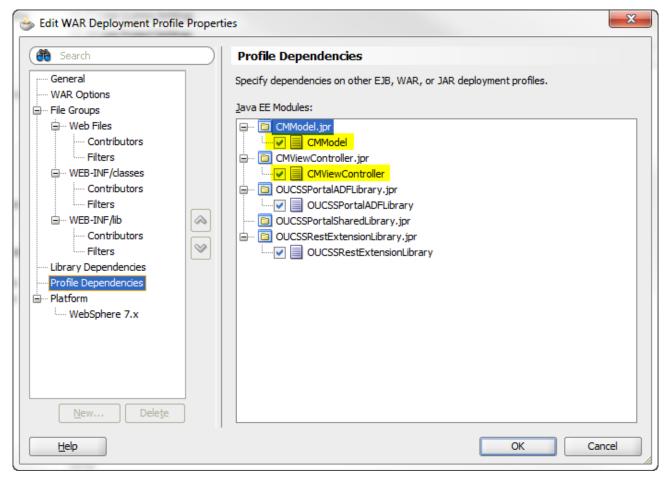
8 Create an ADF Library JAR deployment profile for the new projects.

🕹 Create Deployment Profile
Click OK to create your new deployment profile and immediately open it to see its configuration.
<u>A</u> rchive Type:
ADF Library JAR File
Name:
adflibCMViewController 1
Description:
Creates a profile for deploying ADF components as an Application JAR file. The resulting jar can then be reused in ADF applications, or to build other ADF Libraries. This is done without needing to make the source project artifacts available, or to explode the contents in the consumer.
Help OK Cancel

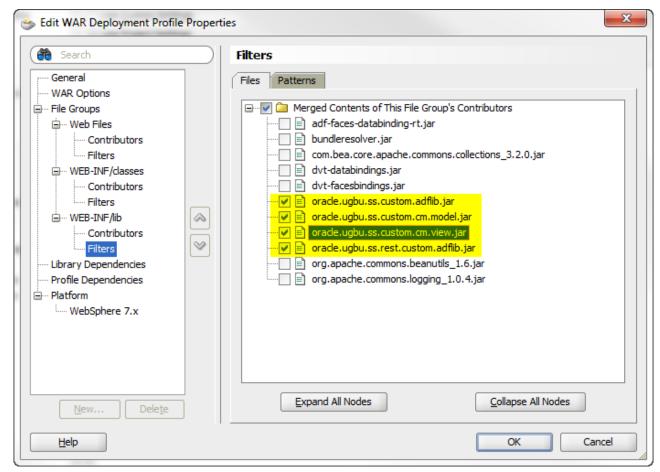
9 Edit **Project Properties** for the OUCSSPortalSharedLibrary, then navigate to **Deployment** and select and edit the deployment profile.

Search Deployment	
Project Source Paths Use Qustom Settings ADF Model Juse Project Settings	Customi <u>z</u> e Settings.
ADF Task Flow ADF View Ant Business Components Compiler Dependencies Performent E3B Module Extension Javadoc Javadoc Javadoc Java EE Application JSP Tag Libraries JSP Visual Editor Libraries and Classpath Resource Bundle Run/Debug/Profile Technology Scope	Edit New Delete

10 Review **Profile Dependencies** in the deployment profile to make sure all relevant projects inside ExtendOUCSSPortal are checked in.



11 Verify the library references for this profile and make sure the relevant libraries for projects inside ExtendOUCSSPortal are checked. The other libraries should not be checked, else those can have multiple copies during runtime creating issues.



- 12 Review the <u>Deploying the extend.oucss.portal as a Shared Library</u> section in this document for information on deploying ExtendOUCSSPortal as a shared library.
- **13** Review the <u>Configure the Resource Catalog</u> section of this document for information on consuming the taskflow in OUCSS Portal.
- 14 Review the <u>Access Pages from Extend OUCSS Portal</u> section of this document for information on accessing pages in the OUCSS Portal.

Deploying CM ExtendOUCSSPortal Projects

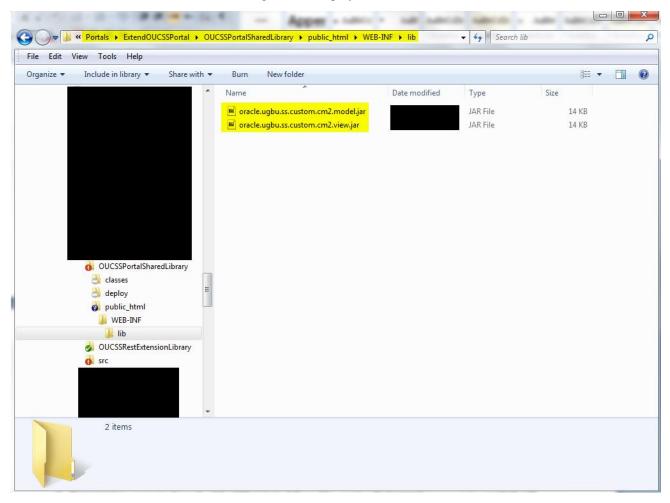
The previous topic described how individual developers can create and develop custom portal resources using CM projects. As multiple CM projects are created by developers, they need to be deployed together onto the portal server.

This procedure describes how to deploy multiple CM projects.

1 Create the folder structure public_html\WEB-INF\lib in

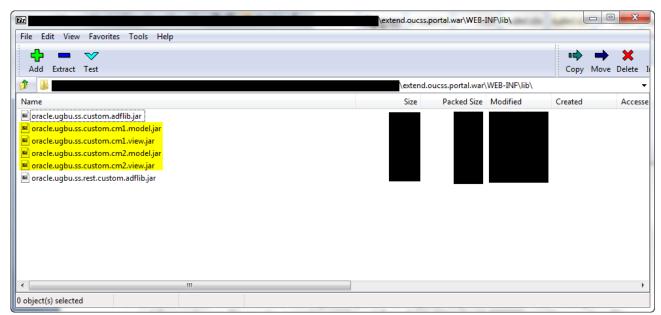
<ApplicationFolder>\OUCSSPortalSharedLibrary and put the ADF library jars for all CM projects that are *not* part of this application into this folder. There is no need to copy the ADF library jar of the CM projects that are part of the same ExtendOUCSSPortal application, since they will already be linked with the OUCSSPortalSharedLibrary as described in the previous topic.

2 For illustration purposes, assume there are two CM projects, *CM1* and *CM2*, which need to be deployed to the portal server. Let's also assume that the ExtendOUCSSPortal application used to create final deployable extend.oucss.portal.war contains CM1 projects, and CM2 projects were created outside this application. In this case, the public_html\WEB-INF\lib folder created in the OUCSSPortalSharedLibrary project will contain only the ADF library jar of CM2 projects. You may use a shared folder or source control tool to store all such ADF library jars and include them into a lib folder while creating the final deployable war file.



3 Refer to the <u>Deploying the extend.oucss.portal as a Shared Library</u> topic earlier in this document for instructions on deploying ExtendOUCSSPortal.

4 To verify deployment of all CM projects (both internal and external to the ExtendOUCSSPortal application used for .war creation), you can expand the extend.oucss.portal.war and navigate to WEB-INF\lib.

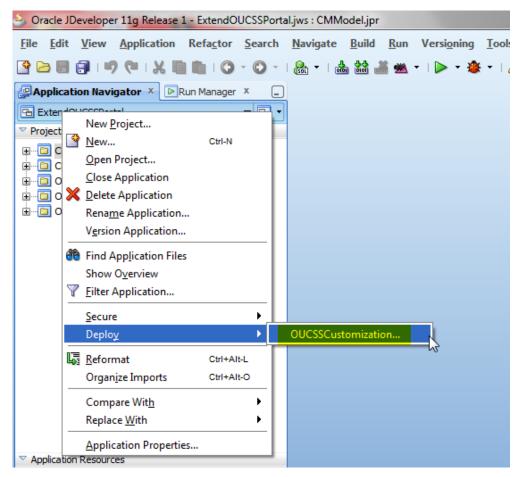


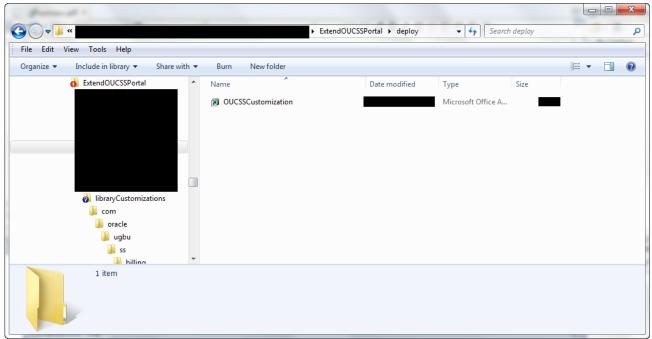
Parallel Customization of Existing Taskflows

Previous topics described how to perform parallel development on a portal extension while creating new taskflows and pages. You can also customize existing taskflows that are provided with the OUCSS portal base product. This procedure describes how to perform such customization in parallel.

- 1 Review Chapter 9 Customization and Extension in the *OUCSS Implementation Guide* for the steps to follow for customizing existing taskflows.
- 2 Once a customization is performed on a taskflow, JDeveloper will create a customization file containing only the differences between the original and the customized portal artifact. These files need to be uploaded to MDS and can be found in the \OUCSSPortalADFLibrary\libraryCustomizations">https://www.applicationFolder>\OUCSSPortalADFLibrary\libraryCustomizations folder.
- 3 The customization files generated by JDeveloper will be XML files, typically named *.jsff.xml or *pageDef.xml.xml. These files are created in a folder structure within the <<ApplicationFolder>>\OUCSSPortalADFLibrary\libraryCustomizations folder. It is important to keep this folder structure unaltered.
- 4 Combine all the customization artifacts created by multiple developers into the libraryCustomizations folder of the ExtendOUCSSPortal application which will be used to create the final deployable .MAR file. In case of any conflict, merge the customization artifacts to make sure one doesn't override another customization.

5 Right click on **ExtendOUCSSPortal** under **Application Navigator** and select **Deploy**, then **OUCSSCustomization**. ExtendOUCSSPortal already contains the deployment profile to create the .MAR file from its customization folder.





6 To deploy the .MAR file to the portal server, log in to the Enterprise Manager (EM) console of the server running the OUCSS portal, then navigate to the portal application under **Application Deployment**. Right-click and select **MDS Configuration** from the pop-up menu.

	ise Ma	nager 11g Fusion Middleware	Control
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-		🔘 Import metadata	documen

7 Browse to and select the .MAR file to be uploaded to MDS.

rget Metadata Repository	
Repository	mds-CustomPortalDS
Туре	Database
Partition	OUCSSPortal
⊻ Export	
Export a versioned stripe of metadata documents from a metada	ta repository partition to a file system directory or archive. Only the tip version will be exported for a file repository
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Import metadata documents from a file system directory or arch Import metadata documents from an archive on the machine BrowseNo file selected. Import metadata documents No file selected. Purge Purge the version history of unlabeled documents from the Appli	e where this web browser is running. the machine where this application is running. Eation's repository partition that are older than the selected time period. The tip version of a document will not be purged even if it is not labeled.

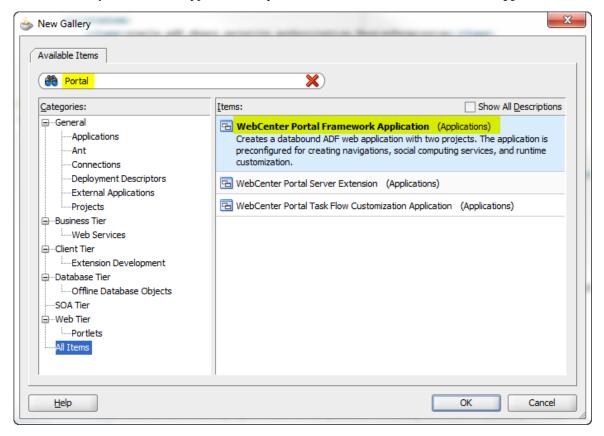
8 Click on Import to import the .MAR.



WebCenter Portal Application Local Instance

Custom taskflows and pages created using the procedures described in earlier topics can be tested by deploying the portal extension project to the portal server and creating portal resources to consume and display the artifacts. If multiple developers are working on creating and testing the portal extension on the same portal server, it could be tedious to coordinate the parallel deployments on the same server or will require each developer to host an instance of the OUCSS Portal. The steps below describe how the portal artifacts from an extension project can be tested locally in JDeveloper by creating local instance of the WebCenter Portal Framework Application.

1 Create a new portal application by selecting **File** followed by **New** from the JDeveloper menu bar. Search for **Portal** in the **New Gallery** and select the application template for **WebCenter Portal Framework Application**.



2 Enter a name for this portal application and specify the source directory and package prefix.

💩 Create WebCenter Port	al Framework Application - Ste	ep 1 of 5	×
Name your application	on	010101010101010101010101040	25
Application Name	Application Name: OUCSSCMPortal		
Project 1 Name	Directory:		
Project 1 Java Settings		\OUCSSCMPortal	Browse
Project 1 WebCenter S	Application Package Prefix:		
Project 2 Name			
< · · · · · · · · · · · · · · · · · · ·			
Help		< <u>B</u> ack <u>N</u> ext > <u>F</u> inish	Cancel

3 Select a name for the project. For this example, the name is set to **Portal**.

💩 Create WebCenter Porta	al Framework Application - Step 2 of 5
Name your project	01
Application Name Project 1 Name	Project Name: Portal Directory: 2.1.0.2\portlet_applications\Portals\OUCSSCMPortal2\Portal Browse
Project 1 Java Settings	Project Technologies Generated Components Associated Libraries
 Project 1 WebCenter Se 	Available: Selected:
L Project 2 Name	ADF Business Components ADF Desktop Integration ADF Library Web Application Support ADF Mobile Browser ADF Swing Ant Database (Offline) EJB JavaBeans Technology Description:
<	ADF Faces adds very high quality components, a dialog framework, as well as personalization and skinning capabilities. ADF Faces features include: file upload support, client-side validation, partial rendering of a page (AJAX-style), data tables,
Help	< <u>Back</u> <u>Next</u> > <u>Finish</u> Cancel

4 Enter the default package, Java source path, and output directory. Since the Portal is tested locally, the default package name can be anything.

💩 Create WebCenter Portal	Framework Application - Step 3 of 5
Configure Java settin	gs
Application Name Project 1 Name Project 1 Java Settir Project 1 WebCenter Se Project 2 Name	Your new project starts with a default package, a source root directory, and an output directory. Default Package: Java Source Path: Output Directory: Portal\src Browse Browse
<	< <u>B</u> ack <u>N</u> ext > <u>Fi</u> nish Cancel

5 Verify that the option for **Configure the application with standard Portal features** is checked, then press **Next**.

📥 Create WebCenter Porta	l Framework Application - Step 4 of 5
Configure WebCente	r settings
Application Name	Your new application can be initialized with some standard features that are commonly required by a Portal application, such as:
Project 1 Name Project 1 Java Settings	- Site navigations - Runtime customization - Delegated administration of portal resources at runtime - Pre-configured security settings
Project 1 WebCenter Project 2 Name	If you do not want these features pre-configured, you will start with an empty application. You can then add the WebCenter services and capabilities you require.
	<u> <u> C</u>onfigure the application with standard Portal features Decide whether to automatically grant "view" access on taskflows and pages to a special test-all role so you can test your application before creating ADF policy grants. </u>
	Enable automatic grants to all objects
<	
Help	< <u>Back</u> <u>Next</u> > <u>Finish</u> Cancel

6 Select the appropriate project name for a project containing static portal assets (you may keep the default name **PortalWebAssets** as is), then click **Finish**.

💩 Create WebCenter Porta	I Framework Application - Step 5 of 5
Name your project	0101010101010101010101010
Application Name Project 1 Name	Project Name: PortalWebAssets Directory: PortalWebAssets Browse
Project 1 Java Settings	Project Technologies Generated Components Associated Libraries
Project 1 WebCenter Se	
Project 2 Name	ADF Business Components ADF Desktop Integration ADF Faces ADF Library Web Application Support ADF Mobile Browser ADF Page Flow ADF Swing Ant Database (Offline) Technology Description:
<	HyperText Markup Language (HTML) is the standard syntax for publishing hypertext on the World Wide Web.
Help	< <u>Back</u> <u>N</u> ext > <u>Finish</u> Cancel

7 The portal application may be viewed in the **Application Navigator**.

Application Navigator × Run Manager ×	(
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DefaultCatalogBundle.xlf					
ResourceLibraryBundle.xlf					
mavigations MavigationRegistryBundle.xlf					
errorPageDef.xml					
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homePageDef.xml					
loginPageDef.xml					
□ pagetemplates					
pageTemplate_globePageDef.xml					
pageTemplate_swooshyPageDef.xml					
🖻 ··· 🧰 META-INF					
adfm.xml					
pagetemplate-metadata.xml					
1 4 4 🛌 🔒					

8 Edit the weblogic.xml file in the folder Web Content/WEB-INF, creating library references to OUCSS portal shared libraries.



9 To consume the task flow or pages created in the portal extension project, a file link needs to be created to local file system storing ADF library jars which contain the custom taskflows.

10 Navigate to the folder containing portal extension .war created after deploying ExtendOUCSSPortal project. Explode the .war into a folder in your file system.

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Organize Include in library Share with	Burn New folder			===	•	0
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	META-INF	10/27/2015 2:40 PM				
	U WEB-INF	10/27/2015 2:40 PM	File folder			
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2 items						
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11 Navigate to WEB-INF/lib and verify all portal extension jars are present in this folder.

Burn New folder			:===
ame	Date modified	Туре	Size
oracle.ugbu.ss.custom.adflib.jar	10/27/2015 2:36 PM	JAR File	22 KB
oracle.ugbu.ss.custom.cm.model.jar	10/27/2015 2:36 PM	JAR File	14 KB
oracle.ugbu.ss.custom.cm.view.jar	10/27/2015 2:36 PM	JAR File	14 KB
oracle.ugbu.ss.rest.custom.adflib.jar	10/27/2015 2:36 PM	JAR File	3 KB

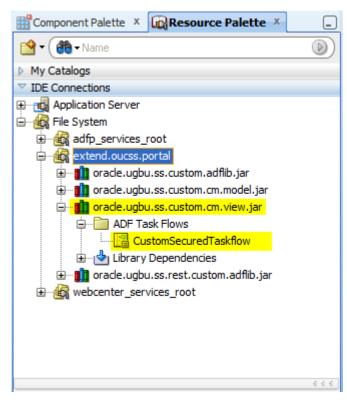
12 Right click on File System under Resource Palette and select 'New File System Connection'

Compon	ent Palette X 🙀 Resource Palette X	_
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	<u>New File System Connection</u> <u>Filter</u> Advanced Search	-
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	E <u>x</u> port	

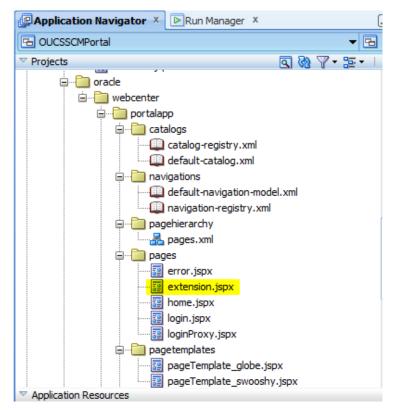
13 Enter Connection Name as 'extend.oucss.portal' and directory path should be the folder containing ADF library jars from portal extension project.

Create File System Con	nection		×
deployed with the curre	ources to create a file system nt application (OUCSSCMPor connection that can be add	tal.jws). Choose IDE	and G
Create Connection in: Connection Name:	O Application Resources	() IDE Connections	
extend.oucss.portal			
Directory Path:			
al\OUCSSPortalShared	Library\deploy\extend.oucss	.portal\WEB-INF\ib	Browse
Test Connection]		
<u>S</u> tatus:			
Success!			
Help		ОК	Cancel

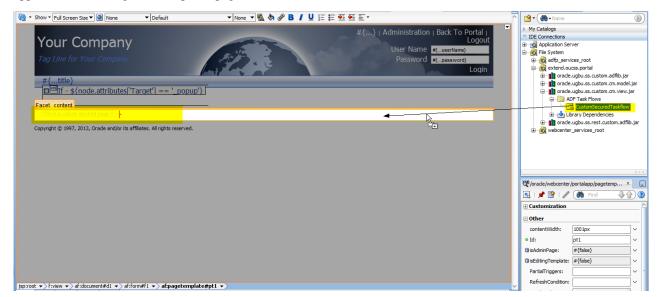
14 Expand the file link under file system in resource palette and verify the custom portal artifacts are present in ADF library.



15 For this illustration, we will test the CustomSecuredTaskFlow within custom portal extension project (note that this task flow is not shipped out of the box, this has been created only for illustration). We will create a portal page (e.g. extension.jspx) to serve as a placeholder to test this task flow. Please review 'Adding New Taskflows and Pages' section of this document for additional details on how to create a page and page definition file.



16 Drag and drop **CustomSecuredTaskFlow** into the portal page. To see the taskflow runtime, deploy the custom portal application and navigate to the portal page.



17 Proper permissions need to be granted to pages and taskflows to enable display in the portal. Please review the <u>About</u> <u>Security</u> section in this document and follow the recommended folder structure when creating custom taskflows and pages. The security settings in the custom portal needs to be updated to follow the same convention as well.

18 To update portal security settings, edit **jazn-data.xml** in the META-INF folder via the **Application Resources** window.

✓ Application Resources			
Connections Conne			
▷ Data Controls 😽) Y	1	

19 Find the principal name **authenticated-role** and add the permissions below. Do not change the other permissions for this principal.

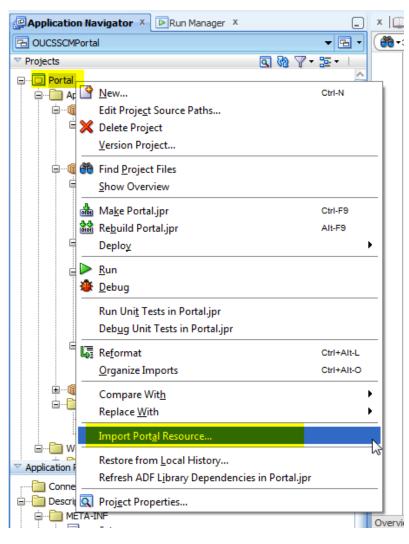
```
<grantee>
 <principals>
<principal>
 <class>oracle.security.jps.internal.core.principals.JpsAuthenticatedRoleImpl</class>
  <name>authenticated-role</name>
</principal>
  </principals>
</grantee>
<permissions>
 <permission>
    <class>oracle.adf.controller.security.TaskFlowPermission</class>
    <name>/WEB-INF/oracle/ugbu/ss/custom/secure/.*</name>
    <actions>view</actions>
  </permission>
 <permission>
   <class>oracle.adf.share.security.authorization.RegionPermission</class>
    <name>oracle.ugbu.ss.custom.pages.secure.*</name>
   <actions>view</actions>
 </permission>
```

20 Find the principal name **anonymous-role** and add the permissions below. Do not change the other permissions for this principal.

```
<grantee>
<principals>
<principal>
<class>oracle.security.jps.internal.core.principals.JpsAnonymousRoleImpl</class>
<name>anonymous-role</name>
</principal>
</principals>
</grantee>
</premissions>
```

<pre><class>oracle.adf.controller.security.TaskFlowPermission</class> <name>/WEB-INF/oracle/ugbu/ss/custom/public/.*</name></pre>	
<actions>view</actions>	
<pre><permission></permission></pre>	
<pre><class>oracle.adf.share.security.authorization.RegionPermission</class></pre>	
<pre><name>oracle.ugbu.ss.custom.pages.public.*</name></pre>	
<actions>view</actions>	

- **21** Export the portal resources (e.g. templates, skin, etc.) from the base portal and import them into the local portal instance. This way, local portal pages will have same look and feel as the base portal. See the <u>Portal Rebranding</u> section for the precedure describing how to Export portal resources from the base portal.
- 22 Right click the Portal project in JDeveloper and select Import Portal Resources.

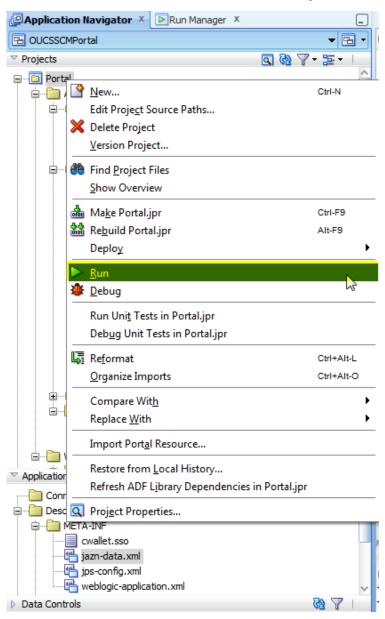


23 A pop-up dialog for importing portal resources is displayed. Click on the Search icon and select the exported portal resource (in .ear format) that was saved in your file system.

👌 Import Portal Resource
Import a resource from the selected EAR file
Import Archive File Name:
Help <u>OK</u> Cancel
🌛 Import Portal Resource
Import a resource from the selected EAR file
Import Archive File Name: n\Portal_Resources\pageTemplate_Demo_Template.ear
<u>H</u> elp <u>QK</u> <u>C</u> ancel

24 Repeat the previous step for importing all portal resources from the base portal.

- **25** Right-click the **Portal** project again and selct **Run**. This should bring up the local portal instance. It is assumed that the developer has created/deloyed the following artifacts in the DefaultDomain of the Integrated WLS Server when running the portal:
 - Data Source with OUCSSDS and JNDI jdbc/OUCSSDS pointing to the OUCSS schema.
 - All OUCSS shared libraries that were included in weblogic.xml (step 8), along with the version of **extend.oucss.portal.war** that needs to be tested.
 - The OUCSS Mail Session connection, in case sending email is to be tested.



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	Copyright © 1997, 2013, Oracle and/or its affiliates. All rights reserv	ed.		

- 26 Log in to the portal to view the secured content. The login user should be present in the integrated WLS LDAP. After logging in, navigate to the portal page that contains the secured taskflow. For illustration purpose, a portal page Extension has been created in JDeveloper and added to the default navigation. The secured task flow being tested is added to this page.
- **27** Navigate to the **Extension** page after logging into the portal. Notice that the content of the secured taskflow is displayed on the page.

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	Home Extension This is a custom secured page !! Extension Copyright © 1997, 2013, Oracle and/or its affiliates. All rights reserved.	-

- 28 Note that the portal look and feel shows the default branding. To change the look and feel to the base portal, go to the Administration page using the link at the top-right corner.
- 29 Verify that the imported portal resources are all checked as Available in the Assets category.

Assets Services S	Security Configuration			
FTRUCTURE	Create X Delete 😭 Upload 🛐 Download Actions 🗸	Filter Available	Modified By	→ <i>ϕ</i> Actions
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Resource Catalogs	Swooshy PageTemplate Swooshy PageTemplate	2	system 08/02/11 18:57	
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ORACLE WebCenter Portal® Administration Console

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Pages	Skins	Available	Modified By	Actions
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30 Go to the Configuration tab under Administration and select the portal resources from the base portal.

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Default Page Template	Default Navigation Defau	lt Navigation	• •				
Default Resource Catalog Default Resource Catalog 💌 👻	Default Skin Demo	Skin	• •				
Base Resource URL #{request.scheme}://#{request.serverName}:#{rec •							
Copyright © 1997, 2013, Oracle and/or its affiliates. All rights reserved.							

31 Select **Back to Portal** on the top-right of the administration page to navigate back to the portal. Notice the portal branding is now changed to conform to the base portal. Go to the **Extension** page to view the taskflow being tested.

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Portal Rebranding

To rebrand the portal, implementation tasks include:

- Customize the Page Template
- Customize the Navigation Model
- Customize the Resource Catalog
- Customize the Skin

Customizing the Page Template

The default OUCSS Portal contains Global and Swooshy site templates from the Oracle WebCenter Framework Application template. The default page templates can be replaced by:

- Customizing the existing page templates
- Creating a brand new page template.
- Importing new page templates exported from another instance or JDeveloper.

For more information on default and page template customization, see http://docs.oracle.com/cd/E29542_01/webcenter.1111/e63259/jpsdg_pagetemp.htm

Customizing an Existing Page Template

The following steps describe how to customize the Swooshy page template that exists on a deployed OUCSS Portal.

1 Log in to the OUCSS Portal with WebCenter Administrator permission (WSSAdmin user is seeded with the required permission).



- Copyright © 1997, 2013, Oracle and/or its affiliates. All rights reserved.
- 2 Click the Administration link on the top-right section of the screen.

Your Company	Welcome WSSAdmin Administration Logout
Tag Line for Your Seripany	
Home Account(s) Details ▼ Multi-Account ▼ Notifications ▼ Outages ▼ New Customer User Profile Forms ▼ Old Portle	s ▼ Admin ▼

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3 In the Administration console, click the Resources tab, then choose Page Templates in the Structure section:

	nter Portal [®] Administration Console			9
		Welcon	ne WSSAdmin Back to	Portal Logou
Assets Services	Configuration			
STRUCTURE	😳 Create 💥 Delete 📑 Upload 🛼 Download Actions	- Filter		+ 🗳
Pages	Page Templates	Available	Modified By	Actions
Page Templates	Gibbe PageTemplate Gibbe PageTemplate	S	system 2/8/11 3:57 PM	
Navigations	OUCSS Mobile Template OUCSS Mobile Template	M	system 6/2/15 3:38 PM	
Resource Catalogs	Swooshy PageTemplate Swooshy PageTemplate	S	system 2/8/11 3:57 PM	
Look and Layout				
Skins				

4 The **Swooshy Page Template** is provided with the product and is set to read-only. To create a new customized template based on the Swooshy template:

	RACLE WebCenter Portal® Administration Console				
		Welcome	WSSAdmin Back to	Portal Logo	
Assets Services	Configuration				
STRUCTURE	🗭 Create 🔀 Delete 📑 Upload 📄 Download Actions 🗸	Filter		• 2	
Dagos	Page Templakis	Available	Modified By	Actions	
Pages	Globe PageTemplate		system		
Page Templates	Globe PageTemplate	64	2/8/11 3:57 PM		
	OUCSS Mobile Template	X	system		
Navigations	OUCSS Mobile Template		6/2/15 3:38 PM		
December Catalysis	Swooshy PageTemplate	S	system		
Resource Catalogs	Swooshy PageTemplate	82	2/8/11 3:57 PM		

A Click Create.

B Enter a name and description (optional), then select the **Swooshy PageTemplate** from the **Copy From** list box:

Cre	eate New I	Page Template	
	* Name	Demo Template	l
[Description	Demo Template	
C	Copy From	Swooshy PageTemplate	
_	_	Create	

C Click **Create** to create the new template.

	nter Portal® Administration Console			0
		Welcome	e WSSAdmin Back to	Portal Logout
Assets Services	Configuration			
STRUCTURE	😳 Create 🗶 Delete 📑 Upload 🛃 Download Actions 🗸	Filter		🔸 🍫 📥
Dagos	Page Templates	Available	Modified By	Actions
Pages Page Templates	Demo Template Demo Template		WSSAdmin 6/16/15 3:46 PM	Edit
Navigations	Globe PageTemplate Globe PageTemplate	S	system 2/8/11 3:57 PM	
Resource Catalogs	OUCSS Mobile Template OUCSS Mobile Template	S	system 6/2/15 3:38 PM	
LOOK AND LAYOUT	Swooshy PageTemplate Swooshy PageTemplate	S	system 2/8/11 3:57 PM	
Skins				

5 Select the new template, then click the Edit menu and choose Edit to open the template for customization.

ORACLE WebCenter Por	tal® Administration Console			0
		Welcome	e WSSAdmin Back to	Portal Logout
Assets Services Configura	tion			
STRUCTURE	😳 Create 🗶 Delete 📑 Upload 🛃 Download 🛛 Actions 🗸	Filter		🔸 🗳 🔺
Pages	Page Templates	Available	Modified By	Actions
Pages	Demo Template	•	WSSAdmin	Edit
Page Templates	Demo Template		6/16/15 3:46 PM	
Navigations	Globe PageTemplate Globe PageTemplate	2	system 2/8/11 3:57 PM	_
Resource Catalogs	OUCSS Mobile Template OUCSS Mobile Template		system 6/2/15 3:38 PM	
LOOK AND LAYOUT	Swooshy PageTemplate Swooshy PageTemplate	2	system 2/8/11 3:57 PM	

Demo Template in Edit Mode

Fditing Page Template: Demo Template					 Save	Close
Add Content Structure						
	+ Add Content Your Company Tag Lane for You Home Account(s) Details - Multi-Account + Notifications + Outages + New		L	Administration Logout		
		Page Content				

- 6 Customize as required, and then click Save, and then Close.
- 7 Click on the page template name to preview the changes.

	enter Portal [®] Administration Console			Ģ
		Welcome	e WSSAdmin Back to	Portal Logou
Assets Services	Configuration			
STRUCTURE	😳 Create 💥 Delete 📑 Upload 📑 Download Actions -	Filter		→ <i>ϕ</i>
Dages	Page Templates	Available	Modified By	Actions
Pages Page Templates	Demo Template Demo Templats		WSSAdmin 6/16/15 3:46 PM	Edit
Navigations	Globe PageTemplate Globe PageTemplate	S	system 2/8/11 3:57 PM	
Resource Catalogs	OUCSS Mobile Template	M	system	

8 Click Edit to further modify the template. When complete, click Save and Close.

XYZ Utilities								V	Velcome WSSAdmin	Administration Logout Custom Demo Text
Home Account(s)	Details 🔻	Multi-Account 🔻	Notifications 🔻	Outages 🔻	New Customer	User Profile	Forms 🔻	Old Portlets 🔻	Admin 🔻	

Page Content

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9 The newly created templates are hidden by default. To unhide the template, check the Available checkbox.

	Portal® Administration Console			
N		Welcome	e WSSAdmin Back to	Portal Logou
Assets Services Con	juration			
STRUCTURE	😳 Create 💥 Delete 📑 Upload 🛼 Download 🛛 Actions 🗸	Filter		+ 🗳 🔺
Pages	Page Templates	Available	Modified By	Actions
Page Templates	Demo Template Demo Template	2	WSSAdmin 6/16/15 4:02 PM	Edit
Navigations	Globe PageTemplate Globe PageTemplate	8	system 2/8/11 3:57 PM	

10 To activate and use the new Demo Template as the site template for one or more contexts, copy the template path of the new template, then choose **Action** > **Edit Properties**.

	nter Portal [®] Administration Console				
			Welcome	e WSSAdmin Back to	Portal Log
Assets Services	Configuration				
STRUCTURE	😳 Create 🗙 Delete 🛛 😭 Upload 📑 Down	load Actions -	Filter		+ 2
Pages	Page Templates	Сору	Available	Modified By	Actions
Pages	Demo Template	Security Settings	S	WSSAdmin	Edit
Page Templates	Demo Template	Customize		6/16/15 4:02 PM	Edic
	Globe PageTemplate	Restore Default	S	system	
Navigations	Globe PageTemplate	Show Properties		2/8/11 3:57 PM	
Resource Catalogs	OUCSS Mobile Template	Edit Source		system	
	OUCSS Mobile Template	Edit Properties		6/2/15 3:38 PM	
LOOK AND LAYOUT	Swooshy PageTemplate			system	
	Swooshy PageTemplate			6/16/15 3:54 PM	

11 Copy the path from the JSPx File field, then click Cancel to close the popup.

eneral	
* Display Name	Demo Template
	Demo Template
+	
Icon URI	
Category	
Category	-*-T
	pedMD/s8bba98ff_4cbb_40b8_beee_296c916a23ed/siteTemplate/gsrf86abece_dbc9_4519_a86c_7b
Template.jspx Content Directory	
JSPx File	racle/webcenter/siteresources/scopedMD/s8bba98ff_4cbb_40b8_beee_296c916a23ed/s
	Acle/webcenter/siteresources/scopedMD/s8bba98ff_4cbb_40b8_beee_296c916a23ed/s
Metadata File	, _ , <u></u> , <u>_</u>
Created By	WSSAdmin
Date Created	6/16/15 3:45 PM
Modified By	WSSAdmin
Date Modified	6/16/15 4:02 PM
Locked By	WSSAdmin
Date Locked	6/16/15 4:03 PM
tributes	
Name	Value
Add More	

- **12** Click the **Back to Portal** link and go to the **Admin > Resources** page.
- 13 Filter the resources with resource codes PORTAL_ST_. Update the URL Override property by selecting a PORTAL_ST_<<Context>> (RESIDENTIAL, PUBLIC, etc.) resource with the JSPx path that was copied in step 10.

Note: To update Mobile page template, search for the appropriate resource code, e.g., MOB B PORTAL ST.

ome Account(s) Details '	Multi-Acco	unt 🔻 Notification	ns 🔻 Outages 💌 New Customer User Profile Forms 💌 Old F	Portlets 🔻 🖊	Admin 🔻		
					Customer Search Configuration Options Resources		
Actions 🔻 ष 💥					Resources Access		
PORTAL ST					Security		
Resource Code	Resource Type	Locator Type	URL	URL Over	 Edge Application Line Of Business 		
ORTAL_ST_COMMERCIAL	WXURL	WXREL	/oracle/webcenter/portalapp/pagetemplates/pageTemplate_g		Portlets		
PORTAL_ST_PUBLIC	WXURL	WXREL WXREL	/oracle/webcenter/portalapp/pagetemplates/pageTemplate_s /oracle/webcenter/portalapp/pagetemplates/pageTemplate_s		Language		
					LookupsMessagesTrain		
Resource					Offers	Save	Cancel
Resource Code PORTA	L_ST_RESID	ENTIAL					
Resource Type WXUR							
	-						
Locator Type WXRE		etemplates/pageTe	emplate_swooshy.jspx URL /oracle/webcenter/	siteresource	s/scopedMD		
Locator Type WXREI URL /oracle/webcenter/p	ortalapp/pag	,, p, p	Override /s8bba98ff_4cbb_4	-4519_a86	c_7b625c76fe38/Template	j <u>spx</u>	

- 14 Repeat the process to update other contexts with a custom Site Template.
- 15 Restart the OUCSS Portal managed server and verify that the changes are reflected in the portal.

xyz ı	Jtilities								v	/elcome W	/SSAdmin	Administration L	
Powering	your life												
Home	Account(s)	Details 🔻	Multi-Account 🔻	Notifications 🔻	Outages 🔻	New Customer	User Profile	Forms 🔻	Old Portlets 🔻	Admin 🔻			_

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Exporting Page Templates

Page templates from other WebCenter portal instances, or from JDeveloper, can be exported and then imported into the OUCSS Portal for rebranding.

To export an existing template:

- 1 Log in to the instance of the existing page template with Administrator privileges, and then click on the Administration link to launch the Administration Console.
- 2 Choose the **Resources** tab, then click the **Page Templates** link in the **Structure** section. Select the template to be migrated.

	r Portal [®] Administration Console			S
hè		Welcome	WSSAdmin Back to	Portal Logo
	figuration			
STRUCTURE	😳 Create 🗙 Delete 📑 Upload 🛃 Download 🛛 Actions 🗸	Filter		+ 🗳
Pages	Page Templates	Available	Modified By	Actions
Page Templates	Demo Template Demo Template	M	WSSAdmin 6/16/15 6:35 PM	Edit
Navigations	Globe PageTemplate Globe PageTemplate	2	system 2/8/11 3:57 PM	
Resource Catalogs	OUCSS Mobile Template OUCSS Mobile Template	2	system 6/2/15 3:38 PM	
Look and Layout	Swooshy PageTemplate Swooshy PageTemplate	S	system 2/8/11 3:57 PM	
Skins				

- **3** Click **Download** on the toolbar to open the **Download** dialog.
- 4 Enter the Archive File Name, choose the location for the exported archive on your local machine, then click **Download**.

ORACLE WebCenter Por	tal® Administration Console			Q
		Welcome	WSSAdmin Back to	Portal Logout
Assets Services Configura	tion			
STRUCTURE	😳 Create 💥 Delete 🛛 😭 Upload 📴 Download 🛛 Actions 🗸	Filter		🔸 🎜 🔺
Pages	Page Templates	Available	Modified By	Actions
Page Templates	Demo Template Demo Template	2	WSSAdmin 6/16/15 6:35 PM	Edit
Navigations	Globe PageTemplate Globe PageTemplate	M	system 2/8/11 3:57 PM	
Resource Catalogs	OUCSS Mobile Template OUCSS Mobile Template	2	system 6/2/15 3:38 PM	
LOOK AND LAYOUT	Swooshy PageTempla Swooshy PageTempla * Archive File Name:	2	system 2/8/11 3:57 PM	
Skins	pageTemplate_Demo_Template.ear			
Page Styles	Save to My Computer Save to WebCenter Portal Server			
Content Presenter	Path			
Task Flow Styles	Download Cancel			
UI COMPONENTS				
Pagelets				

5 In the **Opening** dialog, choose **Save File** to save the exported template, then click **OK**.

			Welcome	WSSAdmin Back to) Portal Log
Assets Services C	Configuration				
TRUCTURE	😗 Create 🌖	Delete 😭 Upload 🛃 Download 🛛 Actions 🗸	Filter		+ 🗳
Pages	Page Templates		Available	Modified By	Actions
Page Templates	Demo Template	e	8	WSSAdmin 6/16/15 6:35 PM	Edit
Navigations	Globe PageTer Globe PageTer	pening pageTemplate_Demo_Template.ear	×	system 2/8/11 3:57 PM	
Resource Catalogs	OUCSS Mobile OUCSS Mobile	real nave chosen to open: Image Template_Demo_Template.ear	2	system 6/2/15 3:38 PM	
OOK AND LAYOUT	Swooshy Page Swooshy Page	which is: EAR file from: http://10.132.181.56:9101		system 2/8/11 3:57 PM	
Skins		What should Firefox do with this file?			
Page Styles		Open with 7-Zip File Manager (default) Save File	-		
Content Presenter		Do this automatically for files like this from now on.			
Task Flow Styles					
II COMPONENTS		OK Car	ncel		

Importing Page Templates

- 1 Log in to the portal instance with Administrator privileges in the location in which the template is to be migrated/imported.
- 2 Click Administration and go to the Resources > Page Templates page.
- 3 Click Upload.

	nter Porta	al [®] Administration	Console						9
						Welcome	e WSSAdmin Back to	Portal Lo	ogo
Assets Services (Configuratio	n							
STRUCTURE		😳 Create 🛛 💥 Dele	te 🛛 😭 Uploa	ad 📑 Download	Actions -	Filter		+ \$	1
Pages	<	Page Templates				Available	Modified By	Actions	
Pages		Globe PageTemplate				S	system		
Page Templates		Globe PageTemplate					2/8/11 3:57 PM		
Navigations		Swooshy PageTemplat Swooshy PageTemplat				2	system 2/8/11 3:57 PM		
Resource Catalogs									

4 Select the **pageTemplate_Demo_Template.ear** or **Page Template** export archive that was downloaded from the previous portal instance, then click **Upload**.

		Wolcomo	WSSAdmin Back to	Dortal Llog
		weicome	WSSAUTHIN DACK LU	Portar Lug
Assets Services	Configuration			
STRUCTURE	😳 Create 💥 Delete 📑 Upload 📑 Download Actions -	Filter		+ 2
Pages	Page Templates	Available	Modified By	Actions
Page Templates	Globe PageTemplate Globe PageTemplate	2	system 2/8/11 3:57 PM	
Navigations	Swooshy PageTemplate Swooshy PageTemplate Upload New Page Template	2	system 2/8/11 3:57 PM	
Resource Catalogs	Look on My Computer			
OOK AND LAYOUT	Browse pageTemplate_Demo_Template.ear			
Skins	O Look on WebCenter Portal Server			
Page Styles	Uplo	ad Cancel		
Content Presenter				

5 Click OK to confirm. The newly-uploaded Page Template should be visible on the list.

	enter Portal [®] Administration Console				
			Welcome	WSSAdmin Back to	Portal Log
Assets Services	Configuration				
STRUCTURE	💽 Create 🗶 Delete	Upload 🔃 Download Actions -	Filter		+ 🗳
Pages	Page Templates		Available	Modified By	Actions
Page Templates	Demo Template Demo Template created using def	ault Swooshy Page Template.	2	WSSAdmin 4/16/14 3:24 PM	Edit
Navigations	Globe PageTemplate Globe PageTemplate	Infort stion	×	system 2/8/11 3:57 PM	
Resource Catalogs	Swooshy PageTemplate Swooshy PageTemplate	OK	2	system 2/8/11 3:57 PM	

6 To configure the page template, follow steps 10 to 15 from the topic <u>Customizing an Existing Page Template</u>.

Customizing the Navigation Model

One of the primary activities in rebranding the portal is to customize the navigation model. This procedure involves adding new links and/or deleting or renaming existing links. If the provided out-of-the-box navigation model requires many changes, then a new navigation model can also be created from scratch using JDeveloper. The new navigation model can then be exported from JDeveloper and imported into a Portal instance. Alternatively, a navigation model can be created using the **Assets** page in the WebCenter Administrator Console.

For additional information on customizing the navigation model, see http://docs.oracle.com/cd/E29542_01/webcenter.1111/e63259/jpsdg_navigation.htm

Customizing Provided/Creating New Navigation Models

The default OUCSS Portal is configured with four different navigation models. These navigation models are seeded and are read-only.

To customize provided navigation models:

- 1 Log in to the OUCSS Portal with Administrator privileges and go to the Administration Console.
- 2 Choose the Assets tab, and then click the Navigations link in the Structure section.

	er Portal® Administration Console			6
		Welcome	e wssadmin Back to	Portal Logo
Assets Services Co	onfiguration			
STRUCTURE	😳 Create 💥 Delete 📑 Upload 🛐 Download Actions 🗸	Filter		+ 🗳
Pages	Navigations	Available	Modified By	Actions
Page Templates	Default Navigation Default Navigation	×	system 2/8/11 3:57 PM	
Navigations	OUCSS Commercial Navigation Model	2	system 6/2/15 7:14 PM	
Resource Catalogs	OUCSS Default Navigation Model OUCSS Default Navigation Model	2	system 5/14/12 8:59 PM	
OOK AND LAYOUT	OUCSS Mobile Navigation Model	×	system 6/2/15 4:13 PM	
Skins	OUCSS Public Navigation Model	×	system 6/2/15 7:11 PM	
Page Styles Content Presenter		Ŕ		
Task Flow Styles				

3 Click Create to create a new Navigation Model.

	ortal® Administration Console			\bigcirc
		Welcom	e wssadmin Back to	Portal Logout
Assets Services Configu	ration			
STRUCTURE	Create X Delete I I Upload E Download Actions -	Filter		🔸 ಿ 🔺
Pages	Navigations 🙀	Available	Modified By	Actions
Pages Page Templates	Default Navigation Default Navigation	×	system 2/8/11 3:57 PM	
Navigations	OUCSS Commercial Navigation Model	×	system 6/2/15 7:14 PM	
Resource Catalogs	OUCSS Default Navigation Model OUCSS Default Navigation Model	×	system 5/14/12 8:59 PM	
Look and Layout	OUCSS Mobile Navigation Model	×	system 6/2/15 4:13 PM	
Skins Page Styles	OUCSS Public Navigation Model	×	system 6/2/15 7:11 PM	

4 In the Create dialog, enter a name and description for the new navigation model, and choose the Navigation Model to be customized in the **Copy from** list box. Click **Create** to create the model.

Create New I	Navigation	
* Name	Demo Navigation Model	
Description	Demo Navigation Model	
Copy From	OUCSS Default Navigation Model	
	Create	

5 To begin the customization, click **Edit**.

	nter Portal [®] Administration Console			
		Welcom	ne wssadmin Back to	Portal Logo
Assets Services	Configuration			
STRUCTURE	😳 Create 🗶 Delete 📑 Upload 🛐 Download Actions 🗸	Filter		+ 2
Pages	Navigations	Available	Modified By	Actions
Page Templates	Default Navigation Default Navigation	8	system 2/8/11 3:57 PM	
Navigations	Demo Navigation Model Demo Navigation Model		wssadmin 6/19/15 4:17 PM	Edit
Resource Catalogs	OUCSS Commercial Navigation Model	2	system 6/2/15 7:14 PM	U
look and Layout	OUCSS Default Navigation Model OUCSS Default Navigation Model	8	system 5/14/12 8:59 PM	
Skins Page Styles	OUCSS Mobile Navigation Model	M	system 6/2/15 4:13 PM	
Content Presenter	OUCSS Public Navigation Model	2	system 6/2/15 7:11 PM	

6 In the Edit view, customize the navigation model per your implementation requirements.

ORACLE WebCenter Porte	al [®] Administration Console	<u> </u>
		Welcome wssadmin Back to Portal Logout
Assets Services Configuration	on	
STRUCTURE	Edit - Demo Navigation Model	Save Save and Close Cancel
Pages	Add - Add - Edit 📋 Copy 🗶 Delete 🜗 🕪 🛊 🜷	
Page Templates	Content Item Content Query	
Navigations	Link Pages Query	
Resource Catalogs	Navigation Reference	
LOOK AND LAYOUT	Folder Separator	
Skins	🔗 User Profile	
Page Styles	▷ 🔗 Forms	
Content Presenter	 Old Portlets Admin 	
Task Flow Styles		
UI COMPONENTS		
Pagelets		
Task Flows		
INTEGRATION	Design Preview	
Data Controls		_

In this example, the DemoSecuredPage.jspx from the ExtendOUCSSPortal is added to the Demo Navigation Model.

💉 Edit Navigation Item - Link			\mathbf{X}
Target Options Parar	neters		
* ID	demoSecuredPage		
* Name	Demo Page	•	
Description	Demo Secured Page	•	
Visible	· •		
Path	page://oracle/ugbu/ss/custom/pages	s/secure/DemoSecuredPage isp	م -
	pager, i oracie, agoa, os cascorri pager	, seeding bennobeedingen ugerjop	-
Page Template	[system default]		
		OK	Cancel

7 Choose the **Preview** tab at the bottom of the **Edit** list to verify the customized model. Click **Save and Close** when done.

ORACLE WebCenter Port	al [®] Administration Console			
		Welcome wssadi	min Back to Por	tal Logout
Assets Services Configurat	ion			
STRUCTURE	Edit - Demo Navigation Model	<u>S</u> ave	Save and <u>C</u> lose	Cancel
Pages	Account(s)		η.	
Page Templates	▷ 🔗 Details ▷ 🔗 Multi-Account			
Navigations	Outrications Outages			
Resource Catalogs	User Profile			
LOOK AND LAYOUT	⊳ 🔗 Forms			
Skins	▷ 🔗 Old Portiets ▷ 🔗 Admin			
Page Styles	Company Page			
Content Presenter				
Task Flow Styles				
UI COMPONENTS				
Pagelets				
Task Flows				
INTEGRATION	Design			

8 To activate and use the new Navigation Model for one or more contexts, choose Actions > Edit Properties to access the XML path of the navigation model..

			Welcom	e wssadmin Back to	Portal Log
Assets Services (Configuration				
TRUCTURE	😳 Create 🗙 Delete 🛛 😭 Upload 📑 Download	Actions -	Filter		+ 2
Dagos	Navigations	Сору	Available	Modified By	Actions
Pages	Default Navigation Default Navigation	Security Settings	S	system 2/8/11 3:57 PM	
Page Templates		Show Properties			
Navigations	Demo Navigation Model Demo Navigation Model	Edit Source		wssadmin 6/19/15 4:22 PM	Edit
waviyations	Dento Navigatori model	Edit Properties		6/19/15 4:22 PM	
Resource Catalogs	OUCSS Commercial Navigation Model		S	system 6/2/15 7:14 PM	
DOK AND LAYOUT	OUCSS Default Navigation Model		×	system	
	OUCSS Default Navigation Model		×	5/14/12 8:59 PM	
Skins	OUCSS Mobile Navigation Model		8	system	
Page Styles	OUCSS MODIE Navigation Model		2	6/2/15 4:13 PM	
raye oryles	OUCSS Public Navigation Model		S	system	
Content Presenter	OUC33 FUDIC Navigatori MOUEI	OUCSS Public Navigation model		6/2/15 7:11 PM	

9 Copy the complete **Metadata** path of the **Navigation Model** from the edit dialog.

dit Properties - Demo Navigation N	Model	×
General		
* Display Name	Demo Navigation Model	
Description	Demo Navigation Model	
	.::	
Icon URI		
Category		
Asset Type	navigation	
Internal ID	gsr246a6dc3_ef53_4f31_8b69_a3096c50fd5d	
/oracle/webcenter/siteresources/scou	pedMD/s8bba98ff_4cbb_40b8_beee_296c916a23ed/navigation/gsr246a6dc3_ef53_4f31_8	260 23006c5
/Navigation.xml	pecility/sobbasoli_4cbb_4obb_bccce_zsocs10azSec/navigatoli/gsiz4oaoucs_clss_4ls1_o	009_0009003
Page Denniuon		
	Fracle/webcenter/siteresources/scopedMD/s8bba98ff_4cbb_40b8_beee_296c916a23ed/	/n
Created By		
	6/19/15 4:17 PM	
Modified By		
	6/19/15 4:22 PM	
· · · · · · · · · · · · · · · · · · ·	wssadmin	
Date Locked	6/19/15 4:23 PM	
Attributes		
Name	Value	
Add More		
	<u>0</u>	K Cancel

- **10** Click the **Back to Portal** link to exit the Administration Console and return to the portal application, then select the **Admin** > **Resources** page.
- 11 Filter the resources with resource codes PORTAL_NAV. Update the URL Override property by selecting a PORTAL_NAV_<<Context>> (RESIDENTIAL, PUBLIC, etc.) resource with the Metadata path copied from step 9.

Note: To update the Mobile Navigation Model, search for the appropriate resource code, e.g., MOB B PORTAL NAV.

Home Account(s) Details	 Multi-Account 	 Notifications 	 Outages 	New Customer	User Profil	Forms	Old Portlets 🔻	Admin 🔻		
Actions 👻 🎴 💥										
PORTAL_NAV_										
Resource Code	Resource Type	Locator Type	URL					URL Overrid	е	
PORTAL_NAV_COMMERCI	AL WXURL	WXREL	/oracle/webcen	nter/portalapp/n	avigations/0	UCSSCom	mercialNavModel.x	ml		
PORTAL_NAV_PUBLIC	WXURL	WXREL	/oracle/webcen	nter/portalapp/n	avigations/(UCSSPubli	cNavigation.xml			
PORTAL_NAV_RESIDENTI/	AL WXURL	WXREL	/oracle/webcen	nter/portalapp/n	avigations/0	UCSSNavi	gationModel.xml			
Resource Resource Code POR Resource Type WXU Locator Type WXR	RL 💌								Reset	Cancel
URL /oracle/webcenter	/portalapp/navigat	ions/OUCSSNavig	gationModel.xml	.::	Override	s8bba98ff_	center/siteresourc _4cbb_40b8_beee c3_ef53_4f31_8b	_296c916a23e		!
Description Navigation	Model URL for Res	idential Customer	S			cription verride				
Help				:	Help Override					
No P	eview Provided									

- 12 Repeat the process to update the Navigation Model for other LOB contexts.
- 13 Restart the OUCSS Portal managed server and verify that your changes are reflected in the portal.



Accessing Pages from the Extended OUCSS Portal

Newly-added pages can be accessed by customizing the navigation model and adding links to the customized pages.

- 1 Log in to the OUCSS Portal and Edit the Demo Navigation Model.
- 2 In the Edit mode, click Add > Link.

	r Portal [®] Administration Console	
		Welcome WSSAdmin Back to Portal Logout
Assets Services Con	figuration	
STRUCTURE	Edit - Demo Navigation Model	Save Save and Close Cancel
Pages	🖌 🕂 Add 🚽 💉 Edit 👔 Copy 💥 Delete 🦛 🕪 🎓 🌲	
Page Templates	Content Item Content Query	
Navigations	I Link Report to the second se	
Resource Catalogs	Navigation Reference Folder	
LOOK AND LAYOUT	Separator	
Skins	Forms Management	_
Page Styles	Image: Second Supported Portlets	=
Content Presenter	Admin O Demo Page Demo Secured Page	
Task Flow Styles	•	
UI COMPONENTS		
Pagelets		

3 In the Edit Navigation Item dialog, choose the Target tab. Enter the link details, then click OK.

💉 Edit Navigation Item - Link			\times
Target Options Para	meters		
* ID	demoPublicPage		
* Name	Contact Us	-	
Description	Demo Contact Us public page	*	
Visible	▼		
Path	page://oracle/ugbu/ss/custom/pages/public/DemoPublic	cPage.jspx 🔹 🔎	•
	Demo Custom Page		
Page Template	[system default]		
		OK Cano	cel

4 Add links to other pages per your site requirements. Click **OK** in the **Edit** dialog when you have finished adding links.

k₂		Welcome WSSAdmin Back to Portal Logout
	Configuration	
TRUCTURE	Edit - Demo Navigation Model	Save Save and Close Cancel
Pages	🗧 🕂 Add 🗸 💉 Edit 📋 Copy 🗙 Delete 🛛 🦣 📫 🛊	
	🔗 Home	
Page Templates	Account(s)	
Navigations	🗈 🤗 Details	
	▷ 🔗 Multi-Account	
Resource Catalogs	▷ 🔗 Notifications	
DOK AND LAYOUT	▷ 🔗 Outages	
Skins	🔗 New Customer	
JNITS	🔗 User Profile	
Page Styles	Forms	
Content Presenter	Id Portlets	
content Presenter	🔗 Admin	
Task Flow Styles	Page Demo Page Demo Secured Page	
	Contact Us Demo Contact Us public page	
I COMPONENTS		
Pagelets		
Task Flows		
	Design Preview	
TEGRATION	Design Preview	-
Data Controls		

5 Click the Back to Portal link and verify that the navigation model is updated.

Your Company							,	Welcome	WSSAdmin	Administral	ion Logo	Jt
Home Account(s) Details	Multi-Account 🔻	Notifications 🔻	Outages 🔻	New Customer	User Profile	Forms 🔻	Old Portlets 🔻	Admin 🔻	Demo Page	Contact Us		_
Hello World! Demo Test Page.												

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Exporting an Existing Navigation Model

Navigation models from other Portal instances can be exported for migration and backup.

To export a navigation model:

- 1 Log in to the OUCSS Portal with Administrator privileges and go to the Administration Console.
- 2 Choose the Assets tab and click on the Navigations link.
- 3 Select the navigation model to export/download and click **Download**.

	ter Portal® Administration Console			•
		Welcom	e wssadmin Back to	Portal Logo
Assets Services C	ionfiguration			
STRUCTURE	💮 Create 🗙 Delete 📑 Upload 📴 Download Actions 🗸	Filter		→ <i>ϕ</i>
Pages	S Navigations	Available	Modified By	Actions
Page Templates	Default Navigation Default Navigation	8	system 2/8/11 3:57 PM	
Navigations	Demo Navigation Model Demo Navigation Model		wssadmin 6/19/15 4:24 PM	Edit
Resource Catalogs	OUCSS Commercial Navigation Model	2	system 6/2/15 7:14 PM	
LOOK AND LAYOUT	OUCSS Default Navigation Model OUCSS Default Navigation Model	8	system 5/14/12 8:59 PM	
Skins	OUCSS Mobile Navigation Model	2	system 6/2/15 4:13 PM	
Page Styles Content Presenter	OUCSS Public Navigation Model	S	system 6/2/15 7:11 PM	

4 In the **Download** dialog, enter the archive name and choose the save location, then click the **Download** button. You can also choose to save the file on the Portal Server by providing the path to the server.

Download - Demo Navigation Model
* Archive File Name:
havigation_Demo_Navigation_Model.ear
Save to My Computer
C Save to WebCenter Portal Server
Path
Download
1/2

5 Save the file to the target location.

Importing a Navigation Model

To import navigation models from other instances or from backup archives:

- 1 Log in to the OUCSS Portal with Administrator privileges and go to Administration Console.
- 2 Choose the Assets tab and click on the Navigations link.
- 3 Click Upload.

	Portal [®] Administration Console			0
		Welcome	WSSAdmin Back to	Portal Logout
Assets Services Config	uration			
STRUCTURE	😳 Create 💥 Delete 🛛 📑 Upload 🛛 🛃 Download 🛛 Actions 🗸	Filter		→
Pages	Navigations	Available	Modified By	Actions
Pages Page Templates	Default Navigation Default Navigation	×	system 2/8/11 3:57 PM	
Navigations	OUCSS Commercial Navigation Model	×	system 6/2/15 7:14 PM	
Resource Catalogs	OUCSS Default Navigation Model OUCSS Default Navigation Model	ø	system 5/14/12 8:59 PM	
LOOK AND LAYOUT	OUCSS Mobile Navigation Model	×	system 6/2/15 4:13 PM	
Skins Page Styles	OUCSS Public Navigation Model	×	system 6/2/15 7:11 PM	

4 In the **Upload New Navigation** dialog, browse the exported navigation model archive to locate the model for import, then click **Upload**.

ORACLE WebCenter Por	tal® Administration Console			0
		Welcome	e WSSAdmin Back to	Portal Logout
Assets Services Configura	ation			
STRUCTURE	💽 Create 💥 Delete 📑 Upload 📑 Download Actions –	Filter		🔸 🗳 🔺
Pages	Navigations	Available	Modified By	Actions
Page Templates	Default Navigation Default Navigation	2	system 2/8/11 3:57 PM	
Navigations	OUCSS Commercial Navigation Model	S	system 6/2/15 7:14 PM	
Resource Catalogs	OUCSS Default Navigation Model OUCSS Default Navigation Model	M	system 5/14/12 8:59 PM	
LOOK AND LAYOUT	OUCSS Mobil Upload New Navigation		system 6/2/15 4:13 PM	
Skins Page Styles	OUCSS Puble Cook on My Computer	SC .	system 6/2/15 7:11 PM	
Content Presenter	C Look on WebCenter Portal Server			
Task Flow Styles	Upload	ancel		
UI COMPONENTS				
Pagelets				

5 Click OK in the confirmation dialog, and verify that the imported model appears in the Navigations list.

		Welcom	e WSSAdmin Back to	Portal Lo
	nfiguration			
TRUCTURE	😳 Create 💥 Delete 📑 Upload 💽 Download Actions -	Filter		→
Pages	Navigations	Available	Modified By	Actions
Page Templates	Default Navigation (i) Information	2	system 2/8/11 3:57 PM	
Navigations	Demo Navigation Model Asset uploaded successfully. Demo Navigation Model OK		WSSAdmin 6/19/15 4:41 PM	Edit
Resource Catalogs	OUCSS Commercial Navigation Model	2	system 6/2/15 7:14 PM	
ook and Layout	OUCSS Default Navigation Model OUCSS Default Navigation Model	M	system 5/14/12 8:59 PM	
Skins Page Styles	OUCSS Mobile Navigation Model	2	system 6/2/15 4:13 PM	
Content Presenter	OUCSS Public Navigation Model	S	system 6/2/15 7:11 PM	

6 To customize and configure the imported navigation model, see the topic, <u>Customizing Provided/Creating New</u> <u>Navigation Models</u>.

Customizing the Resource Catalog

An OUCSS Portal application is configured to use separate catalogs for Residential and Commercial contexts. The following example describes customizing the OUCSS Default Resource Catalog. The same steps can be followed to customize the OUCSS Commercial Catalog.

For additional information on customizing the resource catalog, see http://docs.oracle.com/cd/E29542_01/webcenter.1111/e63259/jpsdg_catalog.htm

To consume the taskflow from the extend.oucss.portal library, the provided (out-of-the-box) resource catalog must be customized as follows:

- 1 Log in to the OUCSS Portal with Administrator privileges and go to the Administration Console.
- 2 Choose the Assets tab and click on the Resource Catalogs link in the Structure section.

6		Welcome	WSSAdmin Back to Portal	Log
	Configuration	Filter	•	2
	Resource Catalogs	Available	Modified By Actio	
Pages Page Templates	Default Resource Catalog Default Resource Catalog	S	system 2/8/11 3:57 PM	
Navigations	OUCSS Commercial Catalog	S	system 6/2/15 6:54 PM	
Resource Catalogs	OUCSS Default Resource Catalog OUCSS Default Resource Catalog	M	system 6/2/15 9:01 PM	
ook and Layout	OUCSS Mobile Catalog OUCSS Mobile Catalog	2	system 6/2/15 9:01 PM	

3 Create a new catalog and choose OUCSS Default Resource Catalog from the Copy from list box.

		Welcome	e WSSAdmin Back to	Fortar Eo
Assets Services Co	nfiguration			
TRUCTURE	Create Delete E Upload Download Actions -	Filter		+ \$
Pages	Resource Catalogs	Available	Modified By	Actions
Page Templates	Default Resource Catalog Default Resource Catalog		system 2/8/11 3:57 PM	
Navigations	OUCSS Commercial Catalog	⊠	system 6/2/15 6:54 PM	
Resource Catalogs	OUCSS Default Resource Catalog OUCSS Default Resource Catalog	×	system 6/2/15 9:01 PM	
.ook and Layout Skins	OUCSS Mobile Catalog OUCSS Mobile Catalog	8	system 6/2/15 9:01 PM	
Create New Resource	ce Catalog			
* Name Demo F	Resource Catalog			
Description Demo F	Resource Catalog			
Copy From OUCSS	Default Resource Catalog 💌		.::	
		Create	Cancel	

4 Click **Edit** to edit the catalog.

		1W-1	MCCA desire a Desile te	Destal 1.1 a
		Welcome	WSSAdmin Back to	Portal Log
Assets Services	Configuration			
TRUCTURE	😳 Create 🗙 Delete 📑 Upload 📑 Download Actions 🗸	Filter		+ 🗳
Pages	Resource Catalogs	Available	Modified By	Actions
-	Default Resource Catalog Default Resource Catalog	2	system 2/8/11 3:57 PM	
Page Templates Navigations	Demo Resource Catalog	•	WSSAdmin 6/19/15 5:07 PM	Edit
Resource Catalogs	OUCSS Commercial Catalog	2	system 6/2/15 6:54 PM	
ook and Layout	OUCSS Default Resource Catalog OUCSS Default Resource Catalog	2	system 6/2/15 9:01 PM	
Skins	OUCSS Mobile Catalog OUCSS Mobile Catalog	8	system 6/2/15 9:01 PM	

5 In the Edit dialog, click Add > Add From Library... to add the new taskflow to the catalog.

Note: You can also add folders or add the taskflow to another location in the catalog. For the purposes of this demo, the new taskflow (TestTaskflow) will be added at the catalog's root level.

	ter Portal® Administration Console				0
		Welcome WSSAd	min Back to Po	ortal Log	gout
Assets Services Co	onfiguration				
STRUCTURE	Edit - OUCSS Default Resource Catalog	Save	Save and Close	Cancel	-
Pages	🖌 📕 Add 🚽 💉 Edit 👔 Copy 🗙 Delete 🦣 ា 🛊 婁				
Page Templates	I Folder vs Component				
Navigations	Add From Library Versault resource Catalog definition for WebCenter Portal applications				
Resource Catalogs					

6 In the Add Resource Catalog Item dialog, select Taskflows from the menu on the left, then scroll down and choose the new taskflow (in this demo, choose the DemoSecuredTaskflow that was created earlier). Note that you can also search for the taskflow using the Search field in the dialog.

When the taskflow is selected, click the **Add** button.

Add Resource Catalog Item	
Choose a resource to add to the resource	ce catalog, and optionally provide a name
	Search 🔷
R All Documents	Cs-adf-migration-taskflow
analytics	Res-incoming-outgoing-dummy-1
Eusiness Mashups	🕎 cs-incoming-outgoing-taskflow
Components	Commodule-impl-taskflow
Connections	CustomerSearchTaskFlow
esign Time DataControls	PeliveryChannelsTaskFlow
Eists Lists	DemoSecuredTaskflow
Revigations	Contraction Forums
Resource Catalogs	Discussions - Popular Topics
Runtime DataControls	Piscussions - Quick View
Saved Searches	Contract Con
Task Flows	Discussions - Watched Forums
	Discussions - Watched Topics
	Documents - AutoVue
	Documents - Content Presenter
	Documents - Document Explorer
Name DemoSecuredTaskflow	
	Add Cancel

Alternatively, you can search a taskflow and add it to the catalog.

	nter Portal [®] Administration Console			
		Welcome WSSA	dmin Back to Po	rtal Logout
Assets Services	Configuration			
STRUCTURE	Edit - OUCSS Default Resource Catalog	Save	Save and <u>C</u> lose	Cancel 🔺
Pages	Add Resource Catalog Item			
Page Templates	Choose a resource to add to the resource catalog, and optionally provide a name	arch Demo 🗲 🗙		
Navigations	E Demo Navigation Model			
Resource Catalogs	A Demo Resource Catalog			
LOOK AND LAYOUT				
Skins				
Page Styles				
Content Presenter				
Task Flow Styles				
UI COMPONENTS				
Pagelets				
Task Flows	Name DemoSecured Taskflow			
INTEGRATION		Add Cancel		
Data Controls				-

7 The new taskflow now appears in the catalog list. Click **OK** to save the changes.

	al [®] Administration Console		0
		Welcome WSSAdmin Back to Port	al Logout:
Assets Services Configuration	n		
STRUCTURE	Edit - OUCSS Default Resource Catalog	Save Save and Close	Cancel 🔺
Pages	🕂 Add 🗸 💉 Edit 📋 Copy 🗙 Delete 🕴 🦏 ា 🏚		
Page Templates	DUCSS Taskflows		
Navigations	Default Portal Catalog Cefault resource catalog definition for WebCenter Portal applications		
Resource Catalogs	DemoSecuredTaskflow		
LOOK AND LAYOUT			
Skins			
Page Styles			=
Content Presenter			
Task Flow Styles			
UI COMPONENTS			
Pagelets			
Task Flows			
INTEGRATION	Design Preview		

8 To activate and use the new **Custom Portal Catalog** for one or more contexts, first copy the page path of the new catalog by choosing **Actions** > **Edit Properties**.

			Welcome	WSSAdmin Back to	Portal Lo
Assets Services C	Configuration				
TRUCTURE	😳 Create 🗙 Delete 🛛 😭 Upload 📑 Download	Actions -	Filter		+ 2
Pages	Resource Catalogs	Сору	Available	Modified By	Actions
Page Templates	Default Resource Catalog Default Resource Catalog	Security Settings Show Properties	X	system 2/8/11 3:57 PM	
Navigations	Demo Resource Catalog Demo Resource Catalog	Edit Source	•	WSSAdmin 6/19/15 5:07 PM	Edit
Resource Catalogs	OUCSS Commercial Catalog	k	2	system 6/2/15 6:54 PM	
DOK AND LAYOUT	OUCSS Default Resource Catalog OUCSS Default Resource Catalog		2	system 6/19/15 5:10 PM	
Skins Page Styles	OUCSS Mobile Catalog OUCSS Mobile Catalog			system 6/2/15 9:01 PM	

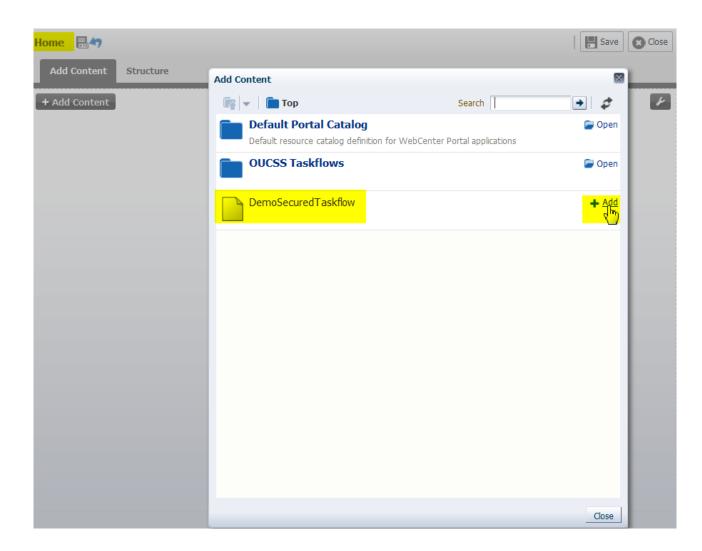
9 Select and copy the Metadata File path from the Edit Properties dialog.

Edit Properties - Demo Resource Ca	talog	\times
General		
* Display Name	Demo Resource Catalog	
Description	Demo Resource Catalog	
Icon URI		
Category		
Asset Type	resourceCatalog	
Internal ID	gsr652166ca_1f55_4311_b901_0d5be3eb49de	
Content Directory		
/oracle/webcenter/siteresources/scop	pedMD/s8bba98ff_4cbb_40b8_beee_296c916a23ed/resourceCatalog/gsr652166ca_1f55_43	11_b901_0d
Page Definition		
	racle/webcenter/siteresources/scopedMD/s8bba98ff_4cbb_40b8_beee_296c916a23ed/r.	
Created By	W. Admin	
	6/19/15 5:07 PM	
· · · · · · · · · · · · · · · · · · ·	WSSAdmin	
	6/19/15 5:07 PM	
· · · · · · · · · · · · · · · · · · ·	WSSAdmin	
Date Locked	6/19/15 5:10 PM	
Attributes		
Name	Value	
Add More		
	ОК	Cancel

- **10** Click the **Back to Portal** link, then select the **Admin > Resources** page.
- 11 Filter the resources with resource codes **PORTAL_RC_**. Update the **URL Override** property by selecting the **PORTAL_RC_**<<code with the **Metadata File** path.

ur Compa	any								weicon	ie wssadr	nin Admin	istration	T LO
me Account(s)	Details 🔻 M	Iulti-Account 🔻	Notifications 🔻	Outages 🔻 Nev	v Customer	User Profile	Forms	Old Portlets	 Admin 	 Demo P 	age		_
Actions 👻 🎴 🖇	8												
PORTAL_RC_													
esource Code	Re	esource Type	Locator Type	URL					U	RL Override			
ORTAL_RC_COMM		XURL	WXREL					commercialCatak					
ORTAL_RC_RESID	ENTIAL W	XURL	WXREL	/oracle/webc	enter/portal	app/catalogs	OUCSSR	esourceCatalog	.xml				
esource											Reset Sa	ave Ca	incel
esource Resource Code	PORTAL_R	C_RESIDENTIAL								(Reset	ave Ca	incel
		_								(Reset	ave Ca	incel
Resource Code	WXURL 💌	J								(Reset S2	ave Ca	incel
Resource Code Resource Type	WXURL V]		talog.xml		Override /s	8bba98ff	ocenter/sitereso _4cbb_40b8_b 5ca_1f55_4311	eee_296c	916a23ed/re	sourceCatalo	9	ncel
Resource Code Resource Type Locator Type	WXURL V WXREL V ocenter/porta	 lapp/catalogs/OI	UCSSResourceCa	talog.xml		Override /s /g Desc	8bba98ff jsr65216	4cbb_40b8_b	eee_296c b901_0	916a23ed/re	sourceCatalo	9	ncel
Resource Code Resource Type Locator Type URL /oracle/web	WXURL V WXREL V ocenter/porta	 lapp/catalogs/OI	UCSSResourceCa	talog.xml		Override /s /g Desc Ov	8bba98ff sr65216 ription	_4cbb_40b8_b 6ca_1f55_4311	eee_296c b901_0	916a23ed/re	sourceCatalo	9	Incel

- 12 Save your changes and repeat the same process to update other contexts with the custom Site Template.
- **13** Restart the OUCSS Portal managed server and verify that your changes are reflected in the portal.
- 14 Edit a page and add the Demo taskflow from the Resource Catalog. Click Save, then Close.



Customizing Skins

An OUCSS Portal application is configured to use separate skins for Residential and Commercial contexts as well as for Mobile. The following example describes customizing the OUCSS Residential Skin. The same steps can be followed to customize other skins.

For additional information on customizing the resource catalog, see http://docs.oracle.com/cd/E29542_01/webcenter.1111/e63259/jpsdg_skin.htm

OUCSS Residential Skin customization example:

- 1 Log in to the OUCSS Portal with Administrator privileges and go to the Administration Console.
- 2 Choose the Assets tab and click on the Skins link in the Structure section.

		Welcome	WSSAdmin Back to	o Portal Lo
Assets Services	Configuration	Filter		+ 2
	Skins	Available	Modified By	Actions
Pages Page Templates	Default Portal Skin Default Portal Skin	×.	system 2/8/11 3:57 PM	Edit
Navigations	OUCSS Commercial Skin OUCSS Skin for Commercial	8	system 6/2/15 4:15 PM	Edit
Resource Catalogs	OUCSS Mobile Skin Skin for OUCSS Mobile	2	system 6/2/15 2:13 PM	Edit
OOK AND LAYOUT	OUCSS Residential Skin OUCSS Skin for Residental	8	system 6/2/15 4:00 PM	Edit
Skins				
Page Styles				
Content Presenter				

3 Click Create to create a new Skin and choose OUCSS Residential Skin from the Copy from list box.

DRACLE	webCenter Port	al [®] Administration Con	isole				
					Welcome	WSSAdmin Back to	Portal Lo
Assets Servic	ces Configurat	ion					
TRUCTURE		Create X Delete	📑 Upload 🛛 🛃 Downloa	ad Actions -	Filter		→ 4
Pages		SKIIS			Available	Modified By	Actions
age Templates		Default Portal Skin Default Portal Skin			M	system 2/8/11 3:57 PM	Edit
Vavigations		OUCSS Commercial Skin OUCSS Skin for Commercial			2	system 6/2/15 4:15 PM	Edit
Resource Catalogs		OUCSS Mobile Skin Skin for OUCSS Mobile			2	system 6/2/15 2:13 PM	Edit
OOK AND LAYOUT		OUCSS Residential Skin OUCSS Skin for Residentail			2	system 6/2/15 4:00 PM	Edit
Skin <i>s</i>							
Page Styles							
Create New S	Skin					\times	
* Name	Demo Skin						
Description	Demo Skin						
Copy From	OUCSS Resi	idential Skin 🔽					
					Create	Cancel	

4 Click **Edit** to edit the skin.

	enter Portal [®] Administration Console			
		Welcor	me WSSAdmin Back to	> Portal Log
Assets Services	Configuration			
STRUCTURE	😳 Create 💥 Delete 📑 Upload 🛃 Download Actions 🗸	Filter		+ 🗳
Pages	< Skins	Available	Modified By	Actions
Page Templates	Default Portal Skin Default Portal Skin	S	system 2/8/11 3:57 PM	Edit
Navigations	Demo Skin Demo Skin		WSSAdmin 6/19/15 5:26 PM	
Resource Catalogs	OUCSS Commercial Skin OUCSS Skin for Commercial	S	system 6/2/15 4:15 PM	Edit
ook and Layout	OUCSS Mobile Skin Skin for OUCSS Mobile	M	system 6/2/15 2:13 PM	Edit
Skins Page Styles	OUCSS Residential Skin OUCSS Skin for Residental	8	system 6/2/15 4:00 PM	Edit

5 In Edit mode, customize the skin. When editing is complete, click Save and Close.

ORACLE WebCenter Po	ntal [®] Administration Console	<u> </u>
	W	elcome WSSAdmin Back to Portal Logout
Assets Services Configura	ation	
STRUCTURE	Edit - Default Portal Skin	Save Save and Close Cancel
Pages	Item Page Template	
Page Templates	Background DCDCDC	
Navigations		_
Resource Catalogs	Background Image	
LOOK AND LAYOUT	Repeat Vertically	
Skins	Font Family	
Page Styles		
Content Presenter		
Task Flow Styles	Custom COO	

6 Skin styles can also be modified by editing the source. To edit the source, Select the Skin and click Actions > Edit Source.

	enter Portal [®] Administration Console				
			Welcome	WSSAdmin Back to	Portal Log
Assets Services	Configuration				
STRUCTURE	😳 Create 🗙 Delete 🛛 😭 Upload 📑 Download	Actions 🗸	Filter		+ \$
Pages	Skins	Сору	Available	Modified By	Actions
Pages	Default Portal Skin	Security Settings	X	system	Edit
Page Templates	Default Portal Skin	Show Properties		6/19/15 5:31 PM	Luic
	Demo Skin	Edit Source		WSSAdmin	Edit
Navigations	Demo Skin	Edit Properties	-	6/19/15 5:26 PM	Lone
Resource Catalogs	OUCSS Commercial Skin		X	system	Edit
ricoouroo catalogo	OUCSS Skin for Commercial			6/2/15 4:15 PM	2010
Look and Layout	OUCSS Mobile Skin		X	system	Edit
	Skin for OUCSS Mobile		-	6/2/15 2:13 PM	
Skins	OUCSS Residential Skin		X	system	Edit
Page Styles	OUCSS Skin for Residentail			6/2/15 4:00 PM	Conc

7 Edit the source. When the modification is complete, click **Save**, then **Close**.

ORACLE WebCenter Po	rtal [®] Administration Console		\bigcirc
		Welcome WSSAdmin Back to Port	al Logout.
Assets Services Configur	ation		
STRUCTURE	Edit Source - Demo Skin	Save Save and Close	Cancel 🔺
Pages	598 598 598 60 Find 4 ▷ ∰ Go to Line 598	43	
Page Templates	<pre>599 /* rtl */ 600 af[panelTabbed::header-start[theme="medium"]:rtl, 601 af[decorativeBox::top-start[theme="light"]:rtl 602 {</pre>		
Navigations	<pre>603 } 604 af panelTabbed::header-end[theme="medium"]:rtl,</pre>		
Resource Catalogs	<pre>605 af[decorativeBox::top-end[theme="light"]:rtl 606 { 607 }</pre>		
Look and Layout	<pre>608 af[panelTabbed::body-start[theme="medium"]:rtl, 609 af[decorativeBox::start[theme="light"]:rtl 610 {</pre>		
Skins	<pre>611 } 612 af[panelTabbed::body-end[theme="medium"]:rtl, 613 af[decorativeBox::end[theme="light"]:rtl 614 {</pre>		
Page Styles	<pre>615 } 616 af panelTabbed::footer-start[theme="medium"]:rtl, 617 af decorativeBox::bottom-start[theme="light"]:rtl</pre>		
Content Presenter	618 { 619 }		
Task Flow Styles	<pre>620 af[panelTabbed::footer-end[theme="medium"]:rtl, 621 af[decorativeBox::bottom-end[theme="light"]:rtl 622 { 623 }</pre>		
UI COMPONENTS	624 625 .oucss_show_detail_header af showDetailHeader::context-container 626 {		
Pagelets	<pre>627 padding-left: 2px; 628 vertical-align: middle; 629 width: 100%;</pre>		
Task Flows	<pre>630 white-space: pre-line; 631 word-break: break-all; 632 }</pre>		
INTEGRATION	633 634 .newDemoStyle 635 {		
Data Controls	636 <mark>width: 100%;</mark> 637 <mark>)</mark>		

8 To activate and use the **Demo Skin**, copy the **skinFamily** name of the new skin, the click **Actions** -> **Edit Properties**.

	enter Portal [®] Administration Console				
			Welcome	WSSAdmin Back to	Portal Logo
Assets Services	Configuration				
STRUCTURE	😳 Create 🗙 Delete 📑 Upload 📑 Download	Actions -	Filter		+ 🗳
Pages	Skins	Сору	Available	Modified By	Actions
Page Templates	Default Portal Skin Default Portal Skin	Security Settings Show Properties	2	system 6/19/15 5:31 PM	Edit
Navigations	Demo Skin Demo Skin	Edit Source	•	WSSAdmin 6/19/15 5:37 PM	Edit
Resource Catalogs	OUCSS Commercial Skin OUCSS Skin for Commercial	k	X	system 6/2/15 4:15 PM	Edit
LOOK AND LAYOUT	OUCSS Mobile Skin Skin for OUCSS Mobile			system 6/2/15 2:13 PM	Edit
Skins	OUCSS Residential Skin OUCSS Skin for Residental		2	system 6/2/15 4:00 PM	Edit
Page Styles					

9 Select and copy the skinFamily attribute value from the Edit Properties dialog.

eneral				
	* Display Name	Demo Skin		
	Description	Demo Skin		
	Icon URI			
	Category			
	Asset Type	skin		
		gsrcf60a9ec_02fe_482a_9853_97af8956aedb		
	Content Directory			
	JSPx File			
	Page Definition			
	Created By	/oracle/webcenter/siteresources/scopedMD/s8bba98ff_4cbb_40b8_beee_296c9	16a23e0/s	
		6/19/15 5:26 PM		
	Modified By			
		6/19/15 5:37 PM		
		WSSAdmin		
	Date Locked	6/19/15 5:45 PM		
ttributes				
Name		Value		
skinId		gsrcf60a9ec_02fe_482a_9853_97af8956aedb.desktop	×	
skinFamily		gsrcf60a9ec_02fe_482a_9853_97af8956aedb	×	
skinExtends		skyros-v1.desktop	×	
Add More				

- **10** Click the **Back to Portal** link and then select the **Admin > Resources** page.
- 11 Filter the resources with resource codes **PORTAL_SKIN_**. Select a row and update the **URL Override** property with the **skinFamily** name.

Comment								Welcome	WSSAdmin	Administration	Logou
Home Account(s) Details -	Multi-Account 🔻	Notifications 🔻	Outages 🔻	New Customer	User Profi	e Forms 🔻	Old Portlets	🔹 Admin 🔻	Demo Page		
_											
Actions - 🚰 💥											
	December Trees	La sata a Trasa	1101						Override		
Resource Code PORTAL_SKIN_COMMERCIAL	Resource Type	Locator Type WXREL	URL	Commercial				UKL	Overnde		
PORTAL_SKIN_DEFAULT	WXURL	WXREL	portal	Commercial							
PORTAL_SKIN_RESIDENTIAL		WXREL		Residential							
Resource									Res	et Save C	ancel
Resource Code PORTAL	SKIN_RESIDENT	AL								15	
Resource Type WXURL											
Locator Type WXREL	~										
URL OUCSSResidential	_				URL Override	gsrcf60a9e	c_02fe_482a_9	853_97af89	56aedb		
Description Skin Family to) be used for Reside	ential context			De:	scription _D Override	emo Skin				
Help					Help Override						
No Prev	iew Provided										

- 12 Save your changes and repeat the same process to update another Context with the custom Site Template.
- **13** Restart the OUCSS Portal managed server and verify that you changes are reflected in the portal.

Sample: Body background color style changed to light gray:



Appendix A

Portal Labels

Portal labels and their descriptions are mentioned in the table below.

_	
LABEL	DESCRIPTION
APP_TITLE	Application Title
DASHBOARD_TITLE	Dashboard Title
ACCOUNTS_TITLE	Accounts Title
ACCOUNT_LIST_TITLE	Accounts List Title
ACCOUNT_SEARCH_TITLE	Account Search Title
BILLING_HISTORY_TITLE	Billing History Title
FINANCIAL_HISTORY_TITLE	Financial History Title
BUDGET_BILLING_TITLE	Budget Billing Title
VIEW_BILL_TITLE	View Bill Title
HOME_TITLE	Home Title
COMPARE_RATES_TITLE	Compare Rates Title
USAGE_DETAILS_TITLE	Usage Details Title
PERSONAL_INFO_TITLE	Personal Info Title
OUTAGE_DETAIL_TITLE	Outage Detail Title
REPORT_OUTAGE_TITLE	Report Outage Title
SERVICE_MGMT_TITLE	Service Management Title
START_SERVICE_TITLE	Start Service Title

STOP_SERVICE_TITLE	Stop Service Title
TRANSFER_SERVICE_TITLE	Transfer Service Title
OUTAGES_TITLE	Outage Title
OUTAGE_MAP_TITLE	Outage Map Title
OUTAGE_TABLE_TITLE	Outage Table Title
REPORT_PUBLIC_OUTAGE_TITLE	Report Public Outage Title
NEW_CUSTOMER_TITLE	New Customer Title
SCALAR_READ_TITLE	Scalar Read Title
CHANGE_PASSWORD_TITLE	Change Password Title
CHANGE_USER_INFO_TITLE	Change User Info Title
MANAGE_ADDRESS_TITLE	Manage Address Title
MANAGE_PHONE_TITLE	Manage Phone Title
MANAGE_EBILL_TITLE	Manage EBill Title
MANAGE_AUTOPAY_TITLE	Manage Autopay Title
MANAGE_BILLNOTIFY_TITLE	Manage Bill Notify Title
ONETIME_PAY_TITLE	One-time Payment Title
PAY_ARRANGEMENT_TITLE	Pay Arrangement Title
RESET_PAGE_TITLE	Forgot User Id/Password Title
PASSWORD_RESET_TITLE	Password Reset Title
RETREIVE_USERID_TITLE	Retrieve User ID Title
REGISTER_TITLE	Register Title
EDUCATION_TITLE	Education Title
ENVIRONMENT_TITLE	Environment Title
EDU_SERVICE_TITLE	Service Title
EDU_SAFETY_TITLE	Safety Title
EDU_CONSERVATION_TITLE	Conservation Title
ABOUT_TITLE	About Title
ABOUT_ORACLE_TITLE	About Oracle Title
ABOUT_UGBU_TITLE	About UGBU Title
ABOUT_OUCSS_TITLE	About OUCSS Title
HOME_BANNER_DESC	Home Banner
HOME_SECTION_DESC	Home Section Links
LOGIN_TITLE	Login Title
USER_PROFILE_TITLE	User Profile Title

WEBCENTER_RC_ITEMS	WebCenter Items
ENROLL_WRAPPER	Enroll Wrapper
ENROLL	Enroll
ADMIN_USER_TITLE	Admin User Title
ADMIN_LABEL_TITLE	Label Title
ADMIN_LOOKUP_TITLE	Lookup Title
ADMIN_SECURITY_TITLE	Security Title
ADMIN_MESSAGE_TITLE	Message Title
ADMIN_TRAIN_TITLE	Train Title
ADMIN_RESOURCE_TITLE	Resource Title
ADMIN_ACCESS_TITLE	Access Title
ADMIN_EDGEAPP_TITLE	Edge Application Title
ADMIN_TITLE	Admin Title
ADMIN_SYSTEM_TITLE	Admin Configuration Options
ADMIN_LOB_TITLE	Line of Business Title
ADMIN_PORTLET_TITLE	Portlets Title
ADMIN_LANGUAGE_TITLE	Language Title
ADMIN_OFFERS_TITLE	Offers Title
OUCSS_ADMIN_TASKFLOWS	OUCSS Admin Taskflows
VIEW_ACCOUNT_TITLE	View Account Title
DETAILS_MENU	Details Menu Title
BANNER_PROMOTION_TITLE	Promotional Banner Title
ACCOUNT_SUMMARY_TITLE	Account Summary Title
OUCSS_BASE_TASKFLOWS	OUCSS Base Taskflows Title
BASE_RC_TITLE	Base Title
BILLING_AND_PAYMENT_RC_TITLE	Billing and Payment Title
BILLING_AND_PAYMENT_RC_DESC	OUCSS Billing and Payment Taskflows Title
CUSTOMER_SERVICE_RC_TITLE	Customer Service Management Title
TASKFLOWS_RELATED_TO_OUCSS_SER	Taskflows related to OUCSS Service Management
ADMIN_RC_TITLE	Admin Title
ADMIN_RC_DESC	Taskflows related to OUCSS Administration.
OFFERS_RC_TITLE	Offers Title
OFFERS_RC_DESC	Taskflows related to OUCSS Offers
BASE_RC_DESC	Taskflows related to OUCSS Base/Core functionality

OUCSS_TASKFLOWS_TITLE	OUCSS Taskflows Title
OUCSS_TASKFLOWS_RC_TITLE	OUCSS Taskflows Title
OUCSS_COMM_TASKFLOWS_RC_TITLE	OUCSS Commercial Taskflows Title
ERR_UNAUTH_TITLE	Un-Authorized Title
ERR_UNAUTH_ERROR_DESC	User Un-Authorized Error Description
ERR_PAGENOTFOUND_TITLE	Page Not Found Error Title
ERR_PAGENOTFOUND_DESC	Page Not Found Error Description
ERR_TITLE	Error Title
ERR_DESC	Description for Unknown Exception
GOTO_HOME_LINK	Go to Home Link
LOGIN_TASKFLOW_RC_TITLE	Login Taskflow Title
LOGIN_TASKFLOW_RC_DESC	Description for Login Taskflow with Context enabled
USAGE_COMPARE_TITLE	Usage Compare Title
USAGE_AGGREGATE_TITLE	Usage Aggregate Title
COMMERCIAL_BCONTEXT_TITLE	Commercial Business Context Title
SET_ACCOUNTS_TITLE	Set Accounts Title
SET_MANAGEMENT_TF_TITLE	Set Management Title
CREATE_SET_TITLE	Create Set Title
NOTIFICATIONS	Notifications Title
NOTIFICATION_LIST	Notification Inbox Title
NOTIFICATION_CHANNELS	Notification Profile Title
NOTIFICATION_PREFERENCES	Notification Preferences Title
CUSTOMER_SEARCH_TITLE	Customer Search Title
ACCOUNT_SEARCH	Account Search Title
NAME_AND_ADDRESS_SEARCH	Name and Address Search
SEARCH_RESULTS_GRID	Search Results
ENTER_FORM	Enter Form
FORMS_MANAGEMENT	Forms Management Title
LOG_AN_ISSUE	Log an Issue Description
FORM_LIST	Form List Title
UPDATE_FORM	Update Form Title
SCALAR_USAGE_DETAILS	Scalar Usage Details Description
ACCOUNT_DOCUMENTS_TITLE	Account Documents Title
PREPAID_BALANCE_AND_CHARGES	Prepaid Balance And Charges Title

PREPAID_ESTIMATES_AND_COST	Prepaid Estimates And Cost Title
SERVICE_CHARGES_TITLE	Service Charge To Date Title
USAGE_OVERVIEW_TITLE	Usage Overview Title
CONSUMPTION_SUMMARY_TITLE	Consumption Summary Title
ALERTS_TITLE	Alerts Title
OLD_SUPPORTED_PORTLETS	Old (Supported) Portlets Title
MULTIACCOUNT	Multi-Account Title
VALIDATE_EMAIL_TITLE	Validate Email
CSR_VIEW_TITLE	CSR View
MANAGE_AUTOMATIC_PAYMENT	Manage Automatic Payment Title
AUTOMATIC_PAYMENT	Automatic Payment Title
STANDARD_MOBILE_PROMOTION	Standard Mobile Promotion
ACCOUNT_ACCESS_TITLE	Account Access Title
ACCOUNTS	Accounts Page Title
NAVIGATION	Navigation
ACCESSIBILITY	Accessibility Link
ACCESSIBILITY_DESC	Accessibility Link Description
ACCESSIBILITY_TITLE	Accessibility Popup Title
SCREEN_READER	Accessibility Screen Reader Option
HIGH_CONTRAST	Accessibility High Contrast Option
LARGE_FONTS	Accessibility Large Fonts Option
OK_BUTTON	Accessibility popup Ok button label
CANCEL_BUTTON	Accessibility popup Cancel button label
LOGOUT	Logout link label
CHANGE_ACCOUNT_ACCESS	Change Account Access
LOGOUT_CONFIRM_MSG	Message in popup before logout
ORACLE_LOGO	Oracle logo description
GOBACK_LINK	Go Back button label
MENU_LBL	Menu Label
PROMOTION_OFFERS	Promotion Offers Title
ENTER_METER_READING	Enter Meter Reading title
DEPRECATED_TASKFLOWS	Deprecated taskflows folder title in resource catalog
REMOVE_ACCOUNT_TASKFLOW	Remove Account taskflow label in resource catalog
ACCOUNT_NICK_NAME_TASKFLOW	Account Nickname taskflow label in resource catalog

INVITE_TASKFLOW	Invite taskflow label in resource catalog
ACCOUNT_ACCESS_TASKFLOW	Account Access taskflow label in resource catalog
DEPRECATED_TASKFLOWS_DESC	Description for deprecated taskflows folder in resource catalog.