BEA WebLogic Workshop™ Help

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Portal Samples

The WebLogic Workshop Portal Extensions include a sample portal application that contains two sample portals: Sample Portal and Tutorial Portal. You can view these samples in the WebLogic Workshop development environment and in a browser. You can also reuse many of the portlets in your own portals.

This topic includes the following sections:

- Sample Portal
- Tutorial Portal
- Viewing the Samples
- Making Samples Available in the WebLogic Administration Portal

Sample Portal

The Sample Portal, Avitek Inweb, is an example business−to−enterprise portal that illustrates collaboration and other services. For details, see Sample Portal.

Tutorial Portal

The Tutorial Portal contains development samples of portal functionality, including Authentication, Controls, Look & Feel, Java Page Flows, Internationalization, Backing Files, Window Modes, Portlet Preferences, and Portlet Events. Samples contain documentation on how they were implemented.

WebLogic Portal Tutorial Samples

Viewing the Samples

This section shows you how to view the sample portlets and the tutorial samples.

Viewing the Sample Portal

To view the samples in a browser:

1. Start the platform samples server:
   <BEA_HOME>/<WEBLOGIC_HOME>/samples/domains/portal/startWebLogic.cmd(.sh).
2. Use the following URLs:

   http://<server>:<port>/sampleportal/sample.portal

   If the server is running on your machine, use ***http://localhost:7001/sampleportal/sample.portal***.

To open these samples in WebLogic Workshop Platform Edition:

1. Open the following application:

   <BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/portalApp.work.
2. In the Application window, double−click the sampleportal/sample.portal file to open it. In the

Document Structure window, or in the Portal Designer window, select components and look at their property values in the Property Editor window.

Viewing the Tutorial Portal

To view the samples in a browser:

1. Start the platform samples server:
   <BEA_HOME>/<WEBLOGIC_HOME>/samples/domains/portal/startWebLogic.cmd(.sh).
2. Use the following URLs:

   http://<server>:<port>/tutorial/tutorialPortal.portal

   If the server is running on your machine, use ***http://localhost:7001/tutorial/tutorialPortal.portal***.

To open these samples in WebLogic Workshop Platform Edition:

1. Open the following application:

   <BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/portalApp.work.
2. In the Application window, double−click the tutorial/tutorialPortal.portal file to open it. In the Document Structure window, or in the Portal Designer window, select components and look at their property values in the Property Editor window.

Making Samples Available in the WebLogic Administration Portal

For instructions on importing the sample portal into the WebLogic Administration Portal so administrators can modify portal resources, construct new portals, and set up visitor entitlements and delegated administration, see Deploying Portal Applications.

Related Topics

WebLogic Administration Portal Online Help

Sample Portal

The Sample Portal, Avitek Inweb, is an example business−to−enterprise portal that illustrates collaboration and other services. Sample Portal is a fully functional portal Web project that contains many portal resources you can reuse in your own portals. In particular, Sample Portal contains navigation examples and many portlets you can explore and reuse.

Sample Portlets

Each of the sample portlet topics includes instructions for using the sample in your own portals.

JSP Portlets

Login to Portal Portlet

Login Director Portlet

Targeted Menu Portlet

RSS News Feed Portlet

Portal Search Portlet

Java Page Flow Portlets

My Mail Portlet

My Task List Portlet

My Calendar Portlet

My Contacts Portlet

Discussion Forums Portlet

Discussion Forum Administration Portlet

My Content Portlet

HTML Portlets

Dev2Dev Portlet

Navigation Samples

Left Navigation Shell

Targeted Menu Portlet

Login to Portal Portlet

The Login to Portal portlet illustrates login functionality for a portal desktop.

Concepts Demonstrated by this Sample

The JSP portlet uses a backing file to authenticate users.

Location of Sample Files

This sample is located in the
`<BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/portalApp.work`
application.

How to Run the Sample

See Viewing the Samples in Portal Samples.

How to Use the Sample in Your Portals

1. Create a portal application. Make sure you create a Portal Application and add a Portal Web Project to it.
2. Import or copy the following directories and files into your portal application and portal Web project. You may need to create the appropriate directories in your application:

Import or copy this	*to this directory* (creat
`<WEBLOGIC_HOME>/samples/portal/portalApp/sampleportal/portlets/includes/Login.portlet`	`<PORTAL_APP>/<pr`
`<WEBLOGIC_HOME>/samples/portal/portalApp/sampleportal/portlets/login.jsp`	`<PORTAL_APP>/<pr`
`<WEBLOGIC_HOME>/samples/portal/portalApp/sampleportal/WEB-INF/src/examples/login/LoginBacking.java`	`<PORTAL_APP>/<pr` `WEB-INF/src/exampl`
`<WEBLOGIC_HOME>/samples/portal/portalApp/sampleportal/WEB-INF/lib/yahoo_servlet.jar`	`<PORTAL_APP>/<pr` `WEB-INF/lib/`

3. Open your portal file and navigate the page where you want the portlet to appear.
4. In the ***Data Palette*** window, drag the ***Login to Portal*** portlet onto a placeholder on the page.
5. In the ***Property Editor*** window, set any relevant properties.
6. Save the portal file.
7. View your portal with the WebLogic Test Browser or with your default browser.
    - ***WebLogic Test Browser*** – In the WebLogic Workshop toolbar, click the ***Start*** button (or press ***Ctrl+F5***).
    - ***Default Browser*** – In the WebLogic Workshop menu, choose ***Portal-->Open Current Portal***.

Related Topics

Creating a Portal File

Login Director Portlet

This login portlet directs the user to a "default" desktop the first desktop to which the user is entitled and returns the user to that desktop when the user logs out.

Concepts Demonstrated by this Sample

The JSP portlet uses a backing file to authenticate users and direct them to the default desktop.

Location of Sample Files

This sample is located in the
`<BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/portalApp.work`
application.

How to Run the Sample

While you can run the portlet in the development environment, the full functionality of this portlet is visible only in streaming mode where multiple desktops and visitor entitlement rules exist. For more information, see Single File vs. Streamed Rendering.

To run the portlet in the development environment, see Viewing the Samples in Portal Samples.

To run the portlet in streaming mode, add the portlet to a page in sample.portal, then use the WebLogic Administration Portal to create a new desktop that uses sample.portal as a template. On the Desktop Properties page for the new desktop, click *View Desktop* to view the portlet.

How to Use the Sample in Your Portals

1. Create a portal application. Make sure you create a Portal Application and add a Portal Web Project to it.
2. Import or copy the following directories and files into your portal application and portal Web project. You may need to create the appropriate directories in your application:

Import or copy this	*to this directory* (
`<WEBLOGIC_HOME>/samples/portal/portalApp/ sampleportal/portlets/login/director.portlet`	`<PORTAL_APP>`
`<WEBLOGIC_HOME>/samples/portal/portalApp/ sampleportal/portlets/login/director.jsp`	`<PORTAL_APP>`
`<WEBLOGIC_HOME>/samples/portal/portalApp/ sampleportal/WEB-INF/src/examples/login/DirectorBacking.java`	`<PORTAL_APP> WEB–INF/src/exa`
`<WEBLOGIC_HOME>/samples/portal/portalApp/ sampleportal/WEB-INF/src/examples/login/DirectorUtil.java`	`<PORTAL_APP> WEB–INF/src/exa`
`<WEBLOGIC_HOME>/samples/portal/portalApp/ sampleportal/WEB-INF/lib/yahoo_servlet.jar`	`<PORTAL_APP> WEB–INF/lib/`

3. Open your portal file and navigate the page where you want the portlet to appear.
4. In the *Data Palette* window, drag the *Login Director* portlet onto a placeholder on the page.
5. In the *Property Editor* window, set any relevant properties.

6. Save the portal file.
7. To view the portlet in a desktop, create a desktop in the WebLogic Administration Portal using the current .portal file as a template, and in the Desktop Properties page for the desktop, click ***View Desktop***.

Related Topics

Portal Samples

Login Portlet

Targeted Menu Portlet

This portlet demonstrates using navigation from a portlet to control a specific book.

Concepts Demonstrated by this Sample

The JSP portlet provides portlet−based navigation by acquiring a book's context, sub−books, and pages and constructing a tree−like list of links to the sub−books and pages.

This portlet uses functionality similar to the Left Navigation Shell. The difference between the two samples is scope. This portlet provides navigation for a single book, and the left navigation shell provides navigation for the entire desktop.

Location of Sample Files

This sample is located in the `<BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/portalApp.work` application.

How to Run the Sample

To run the sample:

1. Add the portlet to a page in sample.portal.
2. In the Portal Designer, select the book for which you want to provide navigation. In the Property Editor window, note the value for the book's Definition Label property.
3. Open the portlet in the Portlet Designer, and select the ***TargetBook*** portlet preference.
4. In the Property Editor window, set the ***Preference Value*** property value to the book's Definition Label.
5. Save the portlet and portal files.
6. In the WebLogic Workshop menu, choose ***Portal −−> Open Current Portal***.

How to Use the Sample in Your Portals

1. Create a portal application. Make sure you create a Portal Application and add a Portal Web Project to it.
2. Import or copy the following directories and files into your portal application and portal Web project. You may need to create the appropriate directories in your application:

Import or copy this	*to this direc*

`<WEBLOGIC_HOME>/samples/portal/portalApp/`
`sampleportal/portlets/navigation/targeted/`
`targetedMenu.portlet`
	`<PORTAL_`

`<WEBLOGIC_HOME>/samples/portal/portalApp/`
`sampleportal/portlets/navigation/targeted/`
`targetedMenu.jsp`
	`<PORTAL_`

`<WEBLOGIC_HOME>/samples/portal/portalApp/` `sampleportal/WEB-INF/src/examples/navigation/NavigationNode.java`	`<PORTAL_` `WEB−INF/s`

`<WEBLOGIC_HOME>/samples/portal/portalApp/` `sampleportal/WEB-INF/src/examples/navigation/NavigationUtil.java`	`<PORTAL_` `WEB-INF/`

3. Open your portal file and navigate the page where you want the portlet to appear.
4. In the ***Data Palette*** window, drag the ***Targeted Menu*** portlet onto a placeholder on the page.
5. In the Portal Designer, select the book for which you want to provide navigation. In the Property Editor window, note the value for the book's Definition Label property.
6. Open the portlet in the Portlet Designer, and select the ***TargetBook*** portlet preference.
7. In the Property Editor window, set the ***Preference Value*** property value to the book's Definition Label.
8. Save the portlet and portal files.
9. In the WebLogic Workshop menu, choose ***Portal --> Open Current Portal***.

Related Topics

Left Navigation Shell

Portal Samples

dev2dev Portlet

The dev2dev portlet illustrates a portlet that uses static HTML links for accessing valuable BEA resources and information.

Concepts Demonstrated by this Sample

This HTML portlet illustrates that portlets can be created with only HTML tags. No knowledge of JSP development is necessary. Simply give an HTML file a .jsp extension and create a portlet with it.

The file does not need <HTML>, <HEAD>, <TITLE>, or <BODY> tags. Simply enclose your HTML content in opening and closing <div></div> tags.

Location of Sample Files

This sample is located in the
`<BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/portalApp.work`
application.

How to Run the Sample

See Viewing the Samples in Portal Samples.

How to Use the Sample in Your Portals

1. Create a portal application.
2. Import or copy the following directories and files into your portal application and portal Web project. You may need to create the appropriate directories in your application:

Import or copy this	*to this directory* (create if necessary)
`<WEBLOGIC_HOME>/samples/portal/portalApp/` `sampleportal/portlets/includes/dev2dev.portlet`	`<PORTAL_APP>/<project>/portlets/in`
`<WEBLOGIC_HOME>/samples/portal/portalApp/` `sampleportal/portlets/dev2dev/`	`<PORTAL_APP>/<project>/portlets/`

3. Open your portal file and navigate the page where you want the portlet to appear.
4. In the *Data Palette* window, drag the *Dev2Dev* portlet onto a placeholder on the page.
5. In the *Property Editor* window, set any relevant properties.
6. Save the portal file.
7. View your portal with the WebLogic Test Browser or with your default browser.

   ♦ *WebLogic Test Browser* – In the WebLogic Workshop toolbar, click the *Start* button (or press *Ctrl+F5*).
   ♦ *Default Browser* – In the WebLogic Workshop menu, choose *Portal−−>Open Current Portal*.

Related Topics

Creating a Portal File

Portal Samples

RSS News Feed Portlet

The RSS News Feed Portlet retrieves news content and links based on visitor news feed preferences. This portlet provides an edit mode that lets you change the news feed and set portlet preferences.

Concepts Demonstrated by this Sample

This JSP portlet, which uses a backing file, illustrates a news aggregator portlet that connects to external news feeds and weblogs that provide Really Simple Syndication (RSS) content. This portlet provides an edit mode.

Location of Sample Files

This sample is located in the
`<BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/portalApp.work`
application.

How to Run the Sample

See Viewing the Samples in Portal Samples.

How to Use the Sample in Your Portals

1. Create a portal application.
2. Import or copy the following directories and files into your portal application and portal Web project.
   You may need to create the appropriate directories in your application:

Import or copy this	*to this directory* (create if ne
`<WEBLOGIC_HOME>/samples/portal/portalApp/` `sampleportal/portlets/rss/`	`<PORTAL_APP>/<project>`
`<WEBLOGIC_HOME>/samples/portal/portalApp/` `sampleportal/WEB-INF/src/examples/rss/`	`<PORTAL_APP>/<project>` WEB−INF/src/examples/

`<WEBLOGIC_HOME>/samples/portal/portalApp/` `sampleportal/WEB-INF/lib/xmlx−tags.jar`
 	
Add the following entry in the tag library section of `<project>`/WEB−INF/web.xml to register the tag library:
 	
`<taglib>`
`    <taglib-uri>xmlx.tld</taglib-uri>`
`    <taglib-location>/WEB-INF/lib/xmlx-tags.jar</taglib-location>`
`</taglib>`
	`<PORTAL_APP>/<project>` WEB−INF/lib/

3. Open your portal file and navigate the page where you want the portlet to appear.
4. In the *Data Palette* window, drag the *RSS News Feed* portlet onto the portal page.
5. In the *Property Editor* window, set any relevant properties.
6. Save the portal file.
7. View your portal with the WebLogic Test Browser or with your default browser.
   ♦ *WebLogic Test Browser* – In the WebLogic Workshop toolbar, click the *Start* button (or press *Ctrl+F5*).

♦ *Default Browser* – In the WebLogic Workshop menu, choose *Portal−−>Open Current Portal*.

To Change the News Feed

1. In the *Portal Designer*, double−click the portlet to open it.
2. With the portlet file open, click the arrow icon on the Portlet Preferences bar on the portlet footer to expand the preferences.
3. Select the *contentURL* preference.
4. In the *Property Editor* window, enter an absolute HTTP path to a valid news feed (.rdf file) in the *Preference Value* field. For example: http://www.theserverside.com/rss/theserverside−1.0.rdf.

You can also let users change news feeds for a portlet with the portlet's edit mode.

The portlet's *Edit* mode uses the rss.properties file to let you select from a list of valid RSS feeds. Modify rss.properties to remove or add feeds. The *rss* portlet shows one feed at a time. To show multiple feeds, add more *rss* portlets and set a different *contentURL* for each. Set the *Edit URI* field to /portlets/rss/rssedit.jsp to allow users to change the portlet feed using the rss.properties list. Save the portal file.
Related Topics

Creating a Portal File

Portal Samples

<pref:getPreference> Tag

<pref:ifModifiable> Tag

<pref:else> Tag

Portal Search Portlet

The Portal Search portlet lets you perform searches in your enterprise databases. This portlet also provides an edit mode to let you set search preferences, including selecting available databases to search.

Concepts Demonstrated by this Sample

This is a JSP portlet that provides edit mode.

Location of Sample Files

This sample is located in the
`<BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/portalApp.work`
application.

How to Run the Sample

See Viewing the Samples in Portal Samples.

How to Use the Sample in Your Portals

1. Create a portal application.
2. Import or copy the following directories and files into your portal application and portal Web project. You may need to create the appropriate directories in your application:

Import or copy this	*to this directory* (create if necessary)
`<WEBLOGIC_HOME>/samples/portal/portalApp/` `sampleportal/portlets/includes/search.portlet`	`<PORTAL_APP>/<project>/portlets/inc`
`<WEBLOGIC_HOME>/samples/portal/portalApp/` `sampleportal/portlets/search/`	`<PORTAL_APP>/<project>/portlets/`
`<WEBLOGIC_HOME>/samples/portal/portalApp/` `sampleportal/WEB-INF/lib/` `autonomyClient1.5.0.jar and` `autonomySupport.jar`	`<PORTAL_APP>/<project>/WEB-INF`

3. Open your portal file and navigate the page where you want the portlet to appear.
4. In the *Data Palette* window, drag the *Portal Search* portlet onto the portal page.
5. In the *Property Editor* window, set any relevant properties.
6. Save the portal file.
7. View your portal with the WebLogic Test Browser or with your default browser.
   - *WebLogic Test Browser* – In the WebLogic Workshop toolbar, click the *Start* button (or press *Ctrl+F5*).
   - *Default Browser* – In the WebLogic Workshop menu, choose *Portal−−>Open Current Portal*.

Related Topics

Creating a Portal File

My Mail Portlet

The My Mail portlet lets you configure an e−mail account that uses a POP3 or IMAP standard e−mail protocol. Once your e−mail account is configured, you can send, receive, store, and delete e−mail.

Concepts Demonstrated by this Sample

This Java Page Flow portlet illustrates group collaboration functionality within a portlet. The portlet provides edit mode.

Location of Sample Files

This sample is located in the
`<BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/portalApp.work`
application.

How to Run the Sample

See Viewing the Samples in Portal Samples.

How to Use the Sample in Your Portals

When this portlet is used in a domain (for example, in the portalApp in the Sample Portal Domain), the EJBs it uses are registered with JNDI names that can be used only once in the domain. That means you can use the following collaboration portlets in only one portal application in a domain: My Mail, My Task List, My Calendar, My Contacts, Discussion Forums, and Discussion Forum Administration. Within that portal application you can create multiple portal Web projects that can each contain multiple portals that reuse these portlets.

1. Create a portal application in a domain that has not used the collaboration portlets.
2. Make sure your portal application is open and the server is running (***Tools−−>WebLogic Server−−>Start WebLogic Server***).
3. Import/add the following directories and files into your portal application and portal Web project using WebLogic Workshop. (Right−click−−>***Import*** or ***Add Module*** or ***Add Library*** on the target directory). You may need to create the appropriate directories in your application.

   Be sure to add the harmony_portlets.jar library first, as shown in the following table.

Import this	*into this WebLogic Workshop directory* (create if necessary)
`<WEBLOGIC_HOME>/samples/portal/portalApp/APP-INF/lib/` `harmony_portlets.jar`	`<PORTAL_APP>/Libraries/`

`<WEBLOGIC_HOME>/samples/portal/portalApp/`
`security_ejb.jar`
`uniqueid_ejb.jar`
	`<PORTAL_APP>/Modules/`

`<WEBLOGIC_HOME>/samples/portal/portalApp/`
`sampleportal/portlets/includes/collaboration/`
`native_mail.portlet`
	`<PORTAL_APP>/<project>/`
	`portlets/includes/collaboration`

`<WEBLOGIC_HOME>/samples/portal/portalApp/ sampleportal/portlets/collaboration/nativedb/ mail/`	`<PORTAL_APP>/<project>/p collaboration/native`

Note: If you add the non−JAR resources to directories other than those shown, you must open the portlet file in WebLogic Workshop and edit the Content URI for both the portlet's main content and Edit page content; you must modify the package path and <view−properties> paths in the Java Page Flow files; and you must modify the import statement to the ContentController and modify any other relevant paths in the JSPs.

4. Add the collaboration tables to your database. If you have already performed this for another collaboration portlet, skip this step.

   Note: If you ran the create_* database script to set up your database, the collaboration tables already exist. Do not run create_* if, for example, you are using the default PointBase database and have already added records to the database. Follow these instructions instead.

   To add the collaboration tables to an existing database, run the following database script:

   <BEA_HOME>/<WEBLOGIC_HOME>/portal/db/<DB_TYPE>/<DB_VERSION>/collaboration_create_tabl

   for example

   bea/weblogic81/portal/db/pointbase/44/collaboration_create_tables.sql

5. To run this script for PointBase:
       a. Start the PointBase Console. In a command window, run

          <DOMAIN>/startPointBaseConsole.cmd(.sh)
       b. Log into the console. The default login is weblogic/weblogic.
       c. Choose *File−−>Open*.
       d. Open the collaboration_create_tables.sql script. The script opens in the Enter SQL
          Commands window.
       e. Click the *Execute All* button. The collaboration tables are created.
       f. Close the PointBase Console.

6. Add entries to <PORTAL_APP>/<PROJECT>/WEB−INF/web.xml.

       a. Open <PORTAL_APP>/<PROJECT>/WEB−INF/web.xml.
       b. Open
          <BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/sampleportal/WEB−INF/web.xml
       c. From the sampleportal web.xml file, copy the following sections into your project web.xml
          file in the appropriate locations:

```
<!-- Compoze Collaboration Mail Attachment Servlet -->
<servlet>
            <servlet-name>CompozeNativeMailFileAttachmentServlet</servle
            <servlet-class>com.compoze.mail.FileAttachmentServlet</serv.
</servlet>
.
.
.
<!-- Compoze Collaboration Mail Attachment Servlet Mapping -->
<servlet-mapping>
            <servlet-name>CompozeNativeMailFileAttachmentServlet</servle
            <url-pattern>*.compozenativemailfileattachmentservlet</url-p
</servlet-mapping>
```

```
                      .
                      .
                      .
<ejb-ref>
    <description>Unique ID Generator</description>
    <ejb-ref-name>com.compoze.ejb.uniqueid.IUniqueIDGeneratorHome</ejb-ref-
    <ejb-ref-type>Session</ejb-ref-type>
    <home>com.compoze.ejb.uniqueid.IUniqueIDGeneratorHome</home>
    <remote>com.compoze.ejb.uniqueid.IUniqueIDGenerator</remote>
    <ejb-link>UniqueIDGenerator</ejb-link>
</ejb-ref>
<ejb-ref>
    <description>Access Control Manager</description>
    <ejb-ref-name>com.compoze.security.acl.IAccessControllerHome</ejb-ref-na
    <ejb-ref-type>Session</ejb-ref-type>
    <home>com.compoze.security.acl.IAccessControllerHome</home>
    <remote>com.compoze.security.acl.IAccessController</remote>
    <ejb-link>AccessController</ejb-link>
</ejb-ref>
```

        d. Save and close your project web.xml file.

  9. Perform the following steps only if you are using a database other than PointBase.
        a. Stop the server. Choose *Tools−−>WebLogic Server−−>Stop WebLogic Server*.
        b. Modify your domain's setDomainEnv.cmd(.sh) to use the correct database.

        In the entry set
        HARMONY_PORTLETS_PROPERTIES=−Dejbruntime.database=pointbase44, use the
        commented area above this entry to replace the pointbase44 entry with the name of your
        database driver. Possible values are listed above that entry.
        c. Save setDomainEnv.cmd(.sh).
        d. Restart the server.

  10. Add the Login to Portal Portlet to your portal Web project. Users must log in to use the collaboration portlets.
  11. Open your portal file and navigate the page where you want the portlet to appear.
  12. In the *Data Palette* window, drag the *My Mail* portlet onto the portal page.
  13. In the *Property Editor* window, set any relevant properties.
  14. Save the portal file.
  15. View your portal with the WebLogic Test Browser or with your default browser.
        ♦ *WebLogic Test Browser* – In the WebLogic Workshop toolbar, click the *Start* button (or press *Ctrl+F5*).
        ♦ *Default Browser* – In the WebLogic Workshop menu, choose *Portal−−>Open Current Portal*.

For instructions on using the portlet's features, see *Compoze Portlets for BEA WebLogic Portal User's Guide* at http://e−docs.bea.com/wlp/docs81/pdf/compoze_portlets_users_guide.pdf.

Related Topics

Creating a Portal File

Portal Samples

Getting Started with Page Flows

My Task List Portlet

The My Task List portlet lets you create a To Do list, set dates, status, priorities, completion percentages, and other details on tasks. This portlet also provides an edit mode to let you customize your task views.

Concepts Demonstrated by this Sample

This Java Page Flow portlet illustrates group collaboration functionality within a portlet. The portlet provides edit mode.

Location of Sample Files

This sample is located in the
`<BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/portalApp.work`
application.

How to Run the Sample

See Viewing the Samples in Portal Samples.

How to Use the Sample in Your Portals

When this portlet is used in a domain (for example, in the portalApp in the Sample Portal Domain), the EJBs it uses are registered with JNDI names that can be used only once in the domain. That means you can use the following collaboration portlets in only one portal application in a domain: My Mail, My Task List, My Calendar, My Contacts, Discussion Forums, and Discussion Forum Administration. Within that portal application you can create multiple portal Web projects that can each contain multiple portals that reuse these portlets.

1. Create a portal application in a domain that has not used the collaboration portlets.
2. Make sure your portal application is open and the server is running (***Tools−−>WebLogic Server−−>Start WebLogic Server***).
3. Import/add the following directories and files into your portal application and portal Web project using WebLogic Workshop. (Right−click−−>***Import*** or ***Add Module*** or ***Add Library*** on the target directory). You may need to create the appropriate directories in your application.

   Be sure to add the harmony_portlets.jar library first, as shown in the following table.

Import this	*into this WebLogic Workshop directory* (create if necessary)
`<WEBLOGIC_HOME>/samples/portal/portalApp/APP-INF/lib/` `harmony_portlets.jar`	`<PORTAL_APP>/Libraries/`
`<WEBLOGIC_HOME>/samples/portal/portalApp/` `todo_ejb.jar` `security_ejb.jar` `uniqueid_ejb.jar`	`<PORTAL_APP>/Modules/`
`<WEBLOGIC_HOME>/samples/portal/portalApp/` `sampleportal/portlets/includes/collaboration/`	`<PORTAL_APP>/<project>/` `portlets/includes/collaboration/`

native_task.portlet	

`<WEBLOGIC_HOME>/samples/portal/portalApp/`
`sampleportal/portlets/collaboration/nativedb/`
`todo/`
	`<PORTAL_APP>/<project>/`
	`collaboration/native`

Note: If you add the non−JAR resources to directories other than those shown, you must open the portlet file in WebLogic Workshop and edit the Content URI for both the portlet's main content and Edit page content; you must modify the package path and <view−properties> paths in the Java Page Flow files; and you must modify the import statement to the ContentController and modify any other relevant paths in the JSPs.

4. Add the collaboration tables to your database. If you have already performed this for another collaboration portlet, skip this step.

   Note: If you ran the create_* database script to set up your database, the collaboration tables already exist. Do not run create_* if, for example, you are using the default PointBase database and have already added records to the database. Follow these instructions instead.

   To add the collaboration tables to an existing database, run the following database script:

   <BEA_HOME>/<WEBLOGIC_HOME>/portal/db/<DB_TYPE>/<DB_VERSION>/collaboration_create_tabl

   for example

   bea/weblogic81/portal/db/pointbase/44/collaboration_create_tables.sql

5. To run this script for PointBase:
   a. Start the PointBase Console. In a command window, run

      <DOMAIN>/startPointBaseConsole.cmd(.sh)
   b. Log into the console. The default login is weblogic/weblogic.
   c. Choose *File−−>Open*.
   d. Open the collaboration_create_tables.sql script. The script opens in the Enter SQL Commands window.
   e. Click the *Execute All* button. The collaboration tables are created.
   f. Close the PointBase Console.

6. Add entries to <PORTAL_APP>/<PROJECT>/WEB−INF/web.xml.
   a. Open <PORTAL_APP>/<PROJECT>/WEB−INF/web.xml.
   b. Open
      <BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/sampleportal/WEB−INF/web.xml
   c. From the sampleportal web.xml file, copy the following sections into your project web.xml file in the appropriate locations:

```xml
<ejb-ref>
    <description>Unique ID Generator</description>
    <ejb-ref-name>com.compoze.ejb.uniqueid.IUniqueIDGeneratorHome</ejb-ref-n
    <ejb-ref-type>Session</ejb-ref-type>
    <home>com.compoze.ejb.uniqueid.IUniqueIDGeneratorHome</home>
    <remote>com.compoze.ejb.uniqueid.IUniqueIDGenerator</remote>
    <ejb-link>UniqueIDGenerator</ejb-link>
</ejb-ref>
<ejb-ref>
    <description>Access Control Manager</description>
    <ejb-ref-name>com.compoze.security.acl.IAccessControllerHome</ejb-ref-na
    <ejb-ref-type>Session</ejb-ref-type>
    <home>com.compoze.security.acl.IAccessControllerHome</home>
```

```
            <remote>com.compoze.security.acl.IAccessController</remote>
            <ejb-link>AccessController</ejb-link>
        </ejb-ref>
        <ejb-ref>
            <description>To Do Manager</description>
            <ejb-ref-name>com.compoze.todo.ejb.IToDoManagerHome</ejb-ref-name>
            <ejb-ref-type>Session</ejb-ref-type>
            <home>com.compoze.todo.ejb.IToDoManagerHome</home>
            <remote>com.compoze.todo.ejb.IToDoManager</remote>
            <ejb-link>ToDoManager</ejb-link>
        </ejb-ref>
```

     d. Save and close your project web.xml file.

7. Perform the following steps only if you are using a database other than PointBase.

     a. Stop the server. Choose *Tools−−>WebLogic Server−−>Stop WebLogic Server*.

     b. Modify your domain's setDomainEnv.cmd(.sh) to use the correct database.

     In the entry set HARMONY_PORTLETS_PROPERTIES=−Dejbruntime.database=pointbase44, use the commented area above this entry to replace the pointbase44 entry with the name of your database driver. Possible values are listed above that entry.

     c. Save setDomainEnv.cmd(.sh).

     d. Restart the server.

8. Add the Login to Portal Portlet to your portal Web project. Users must log in to use the collaboration portlets.

9. Open your portal file and navigate the page where you want the portlet to appear.

10. In the *Data Palette* window, drag the *My Task List* portlet onto the portal page.

11. In the *Property Editor* window, set any relevant properties.

12. Save the portal file.

13. View your portal with the WebLogic Test Browser or with your default browser.

     ♦ *WebLogic Test Browser* – In the WebLogic Workshop toolbar, click the *Start* button (or press *Ctrl+F5*).

     ♦ *Default Browser* – In the WebLogic Workshop menu, choose *Portal−−>Open Current Portal*.

For instructions on using the portlet's features, see *Compoze Portlets for BEA WebLogic Portal User's Guide* at http://e−docs.bea.com/wlp/docs81/pdf/compoze_portlets_users_guide.pdf.

Related Topics

Creating a Portal File

Portal Samples

Getting Started with Page Flows

My Calendar Portlet

The My Calendar portlet provides a full−featured calendar system to let you manage and configure appointments and reminders. The portlet also provides an edit mode to let you set calendar preferences and options.

Concepts Demonstrated by this Sample

This Java Page Flow portlet illustrates group collaboration functionality within a portlet. The portlet provides edit mode.

Location of Sample Files

This sample is located in the
`<BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/portalApp.work`
application.

How to Run the Sample

See Viewing the Samples in Portal Samples.

How to Use the Sample in Your Portals

When this portlet is used in a domain (for example, in the portalApp in the Sample Portal Domain), the EJBs it uses are registered with JNDI names that can be used only once in the domain. That means you can use the following collaboration portlets in only one portal application in a domain: My Mail, My Task List, My Calendar, My Contacts, Discussion Forums, and Discussion Forum Administration. Within that portal application you can create multiple portal Web projects that can each contain multiple portals that reuse these portlets.

1. Create a portal application in a domain that has not used the collaboration portlets.
2. Make sure your portal application is open and the server is running (***Tools−−>WebLogic Server−−>Start WebLogic Server***).
3. Import/add the following directories and files into your portal application and portal Web project using WebLogic Workshop. (Right−click−−>***Import*** or ***Add Module*** or ***Add Library*** on the target directory). You may need to create the appropriate directories in your application.

   Be sure to add the harmony_portlets.jar library first, as shown in the following table.

Import this	*into this WebLogic Workshop directory* (create if necessary)
`<WEBLOGIC_HOME>/samples/portal/portalApp/APP−INF/lib/` `harmony_portlets.jar`	`<PORTAL_APP>/Libraries/`

`<WEBLOGIC_HOME>/samples/portal/portalApp/`
`calendar_ejb.jar`
`security_ejb.jar`
`uniqueid_ejb.jar`
	`<PORTAL_APP>/Modules/`

`<WEBLOGIC_HOME>/samples/portal/portalApp/`	`<PORTAL_APP>/<project>/`

`sampleportal/portlets/includes/collaboration/` `native_calendar.portlet`	`portlets/includes/collaboration`

`<WEBLOGIC_HOME>/samples/portal/portalApp/`
`sampleportal/portlets/collaboration/nativedb/`
`calendar/`
	`<PORTAL_APP>/<project>/p`
	`collaboration/nativedb`

Note: If you add the non–JAR resources to directories other than those shown, you must open the portlet file in WebLogic Workshop and edit the Content URI for both the portlet's main content and Edit page content; you must modify the package path and <view–properties> paths in the Java Page Flow files; and you must modify the import statement to the ContentController and modify any other relevant paths in the JSPs.

6. Add the collaboration tables to your database. If you have already performed this for another collaboration portlet, skip this step.

Note: If you ran the create_* database script to set up your database, the collaboration tables already exist. Do not run create_* if, for example, you are using the default PointBase database and have already added records to the database. Follow these instructions instead.

To add the collaboration tables to an existing database, run the following database script:

<BEA_HOME>/<WEBLOGIC_HOME>/portal/db/<DB_TYPE>/<DB_VERSION>/collaboration_create_tabl

    for example

    bea/weblogic81/portal/db/pointbase/44/collaboration_create_tables.sql

    To run this script for PointBase:

        a. Start the PointBase Console. In a command window, run

            <DOMAIN>/startPointBaseConsole.cmd(.sh)
        b. Log into the console. The default login is weblogic/weblogic.
        c. Choose *File−−>Open*.
        d. Open the collaboration_create_tables.sql script. The script opens in
           the Enter SQL Commands window.
        e. Click the *Execute All* button. The collaboration tables are created.
        f. Close the PointBase Console.

7. Add entries to <PORTAL_APP>/<PROJECT>/WEB−INF/web.xml.
        a. Open <PORTAL_APP>/<PROJECT>/WEB−INF/web.xml.
        b. Open
           <BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/sampleportal/WEB−INF/web.xml
        c. From the sampleportal web.xml file, copy the following sections into your project web.xml
           file in the appropriate locations:

```
<!−−  Compoze Collaboration V Calendar Servlet −−>
<servlet>
    <servlet−name>CompozeNativeCalendarVCalendarServlet</servlet−name>
    <servlet−class>com.compoze.calendar.AppointmentVCalendarServlet</servle
</servlet>
```

```
.
.
.
<!--  Compoze Collaboration V Calendar Servlet Mapping -->
<servlet-mapping>
    <servlet-name>CompozeNativeCalendarVCalendarServlet</servlet-name>
    <url-pattern>*.compozevcalendarservlet</url-pattern>
</servlet-mapping>
.
.
.
<ejb-ref>
    <description>Unique ID Generator</description>
    <ejb-ref-name>com.compoze.ejb.uniqueid.IUniqueIDGeneratorHome</ejb-ref-name>
    <ejb-ref-type>Session</ejb-ref-type>
    <home>com.compoze.ejb.uniqueid.IUniqueIDGeneratorHome</home>
    <remote>com.compoze.ejb.uniqueid.IUniqueIDGenerator</remote>
    <ejb-link>UniqueIDGenerator</ejb-link>
</ejb-ref>
<ejb-ref>
    <description>Access Control Manager</description>
    <ejb-ref-name>com.compoze.security.acl.IAccessControllerHome</ejb-ref-name>
    <ejb-ref-type>Session</ejb-ref-type>
    <home>com.compoze.security.acl.IAccessControllerHome</home>
    <remote>com.compoze.security.acl.IAccessController</remote>
    <ejb-link>AccessController</ejb-link>
</ejb-ref>
<ejb-ref>
    <description>Calendar Manager</description>
    <ejb-ref-name>com.compoze.calendar.ejb.ICalendarManagerHome</ejb-ref-name>
    <ejb-ref-type>Session</ejb-ref-type>
    <home>com.compoze.calendar.ejb.ICalendarManagerHome</home>
    <remote>com.compoze.calendar.ejb.ICalendarManager</remote>
    <ejb-link>CalendarManager</ejb-link>
</ejb-ref>
```

     d. Save and close your project web.xml file.

8. Perform the following steps only if you are using a database other than PointBase.
     a. Stop the server. Choose *Tools−−>WebLogic Server−−>Stop WebLogic Server*.
     b. Modify your domain's setDomainEnv.cmd(.sh) to use the correct database.

     In the entry set
     HARMONY_PORTLETS_PROPERTIES=−Dejbruntime.database=pointbase44, use the
     commented area above this entry to replace the pointbase44 entry with the name of your
     database driver. Possible values are listed above that entry.
     c. Save setDomainEnv.cmd(.sh).
     d. Restart the server.

9. Add the Login to Portal Portlet to your portal Web project. Users must log in to use the collaboration portlets.
10. Open your portal file and navigate the page where you want the portlet to appear.
11. In the *Data Palette* window, drag the *My Calendar* portlet onto the portal page.
12. In the *Property Editor* window, set any relevant properties.
13. Save the portal file.
14. View your portal with the WebLogic Test Browser or with your default browser.
     ♦ *WebLogic Test Browser* – In the WebLogic Workshop toolbar, click the *Start* button (or press *Ctrl+F5*).

♦ *Default Browser* – In the WebLogic Workshop menu, choose *Portal−−>Open Current Portal*.

For instructions on using the portlet's features, see *Compoze Portlets for BEA WebLogic Portal User's Guide* at http://e−docs.bea.com/wlp/docs81/pdf/compoze_portlets_users_guide.pdf.

Related Topics

Creating a Portal File

Portal Samples

Getting Started with Page Flows

My Contacts Portlet

The My Contacts portlet provides full−featured address book management. The portlet also provides an edit mode to let you set contact management preferences.

Concepts Demonstrated by this Sample

This Java Page Flow portlet illustrates group collaboration functionality within a portlet. The portlet provides edit mode.

Location of Sample Files

This sample is located in the `<BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/portalApp.work` application.

How to Run the Sample

See Viewing the Samples in Portal Samples.

How to Use the Sample in Your Portals

When this portlet is used in a domain (for example, in the portalApp in the Sample Portal Domain), the EJBs it uses are registered with JNDI names that can be used only once in the domain. That means you can use the following collaboration portlets in only one portal application in a domain: My Mail, My Task List, My Calendar, My Contacts, Discussion Forums, and Discussion Forum Administration. Within that portal application you can create multiple portal Web projects that can each contain multiple portals that reuse these portlets.

1. Create a portal application in a domain that has not used the collaboration portlets.
2. Make sure your portal application is open and the server is running (***Tools−−>WebLogic Server−−>Start WebLogic Server***).
3. Import/add the following directories and files into your portal application and portal Web project using WebLogic Workshop. (Right−click−−>***Import*** or ***Add Module*** or ***Add Library*** on the target directory). You may need to create the appropriate directories in your application.

   Be sure to add the harmony_portlets.jar library first, as shown in the following table.

Import this	*into this WebLogic Workshop directory* (create if necessary)
`<WEBLOGIC_HOME>/samples/portal/portalApp/APP-INF/lib/` `harmony_portlets.jar`	`<PORTAL_APP>/Libraries/`

`<WEBLOGIC_HOME>/samples/portal/portalApp/`
`contact_ejb.jar`
`security_ejb.jar`
`uniqueid_ejb.jar`
	`<PORTAL_APP>/Modules/`

`<WEBLOGIC_HOME>/samples/portal/portalApp/` `sampleportal/portlets/includes/collaboration/`	`<PORTAL_APP>/<project>/` `portlets/includes/collaboration`

native_contact.portlet	
`<WEBLOGIC_HOME>/samples/portal/portalApp/ sampleportal/portlets/collaboration/nativedb/ contact/`	`<PORTAL_APP>/<project>/p collaboration/native`

Note: If you add the non−JAR resources to directories other than those shown, you must open the portlet file in WebLogic Workshop and edit the Content URI for both the portlet's main content and Edit page content; you must modify the package path and <view−properties> paths in the Java Page Flow files; and you must modify the import statement to the ContentController and modify any other relevant paths in the JSPs.

4. Add the collaboration tables to your database. If you have already performed this for another collaboration portlet, skip this step.

   Note: If you ran the create_* database script to set up your database, the collaboration tables already exist. Do not run create_* if, for example, you are using the default PointBase database and have already added records to the database. Follow these instructions instead.

   To add the collaboration tables to an existing database, run the following database script:

   <BEA_HOME>/<WEBLOGIC_HOME>/portal/db/<DB_TYPE>/<DB_VERSION>/collaboration_create_tabl

   for example

   bea/weblogic81/portal/db/pointbase/44/collaboration_create_tables.sql

5. To run this script for PointBase:
   a. Start the PointBase Console. In a command window, run

      <DOMAIN>/startPointBaseConsole.cmd(.sh)
   b. Log into the console. The default login is weblogic/weblogic.
   c. Choose *File−−>Open*.
   d. Open the collaboration_create_tables.sql script. The script opens in the Enter SQL Commands window.
   e. Click the *Execute All* button. The collaboration tables are created.
   f. Close the PointBase Console.

6. Add entries to <PORTAL_APP>/<PROJECT>/WEB−INF/web.xml.
   a. Open <PORTAL_APP>/<PROJECT>/WEB−INF/web.xml.
   b. Open
      <BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/sampleportal/WEB−INF/web.xml
   c. From the sampleportal web.xml file, copy the following sections into your project web.xml file in the appropriate locations:

```
<ejb-ref>
    <description>Unique ID Generator</description>
    <ejb-ref-name>com.compoze.ejb.uniqueid.IUniqueIDGeneratorHome</ejb-ref-n
    <ejb-ref-type>Session</ejb-ref-type>
    <home>com.compoze.ejb.uniqueid.IUniqueIDGeneratorHome</home>
    <remote>com.compoze.ejb.uniqueid.IUniqueIDGenerator</remote>
    <ejb-link>UniqueIDGenerator</ejb-link>
</ejb-ref>
<ejb-ref>
    <description>Access Control Manager</description>
    <ejb-ref-name>com.compoze.security.acl.IAccessControllerHome</ejb-ref-na
    <ejb-ref-type>Session</ejb-ref-type>
    <home>com.compoze.security.acl.IAccessControllerHome</home>
```

```
        <remote>com.compoze.security.acl.IAccessController</remote>
        <ejb-link>AccessController</ejb-link>
    </ejb-ref>
    <ejb-ref>
        <description>Contact Manager</description>
        <ejb-ref-name>com.compoze.contact.ejb.IContactManagerHome</ejb-ref-name>
        <ejb-ref-type>Session</ejb-ref-type>
        <home>com.compoze.contact.ejb.IContactManagerHome</home>
        <remote>com.compoze.contact.ejb.IContactManager</remote>
        <ejb-link>ContactManager</ejb-link>
    </ejb-ref>
```
      d. Save and close your project web.xml file.

  9. Perform the following steps only if you are using a database other than PointBase.
      a. Stop the server. Choose *Tools−−>WebLogic Server−−>Stop WebLogic Server*.
      b. Modify your domain's setDomainEnv.cmd(.sh) to use the correct database.

      In the entry set
      HARMONY_PORTLETS_PROPERTIES=−Dejbruntime.database=pointbase44, use the
      commented area above this entry to replace the pointbase44 entry with the name of your
      database driver. Possible values are listed above that entry.
      c. Save setDomainEnv.cmd(.sh).
      d. Restart the server.

10. Add the Login to Portal Portlet to your portal Web project. Users must log in to use the collaboration
    portlets.
11. Open your portal file and navigate the page where you want the portlet to appear.
12. In the *Data Palette* window, drag the *My Contacts* portlet onto the portal page.
13. In the *Property Editor* window, set any relevant properties.
14. Save the portal file.
15. View your portal with the WebLogic Test Browser or with your default browser.
       ♦ *WebLogic Test Browser* – In the WebLogic Workshop toolbar, click the *Start* button (or
        press *Ctrl+F5*).
       ♦ *Default Browser* – In the WebLogic Workshop menu, choose *Portal−−>Open Current
        Portal*.

For instructions on using the portlet's features, see *Compoze Portlets for BEA WebLogic Portal User's Guide*
at http://e−docs.bea.com/wlp/docs81/pdf/compoze_portlets_users_guide.pdf.

Related Topics

Creating a Portal File

Portal Samples

Getting Started with Page Flows

Discussion Forums Portlet

The Discussion Forums portlet lets you participate in threaded forum conversations. To administer discussion forums in this portlet, use the Discussion Forum Administration portlet.

Concepts Demonstrated by this Sample

This Java Page Flow portlet illustrates group collaboration functionality within a portlet. The portlet provides edit mode.

Location of Sample Files

This sample is located in the
`<BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/portalApp.work`
application.

How to Run the Sample

See Viewing the Samples in Portal Samples.

How to Use the Sample in Your Portals

When this portlet is used in a domain (for example, in the portalApp in the Sample Portal Domain), the EJBs it uses are registered with JNDI names that can be used only once in the domain. That means you can use the following collaboration portlets in only one portal application in a domain: My Mail, My Task List, My Calendar, My Contacts, Discussion Forums, and Discussion Forum Administration. Within that portal application you can create multiple portal Web projects that can each contain multiple portals that reuse these portlets.

1. Create a portal application in a domain that has not used the collaboration portlets.
2. Make sure your portal application is open and the server is running (***Tools−−>WebLogic Server−−>Start WebLogic Server***).
3. Import/add the following directories and files into your portal application and portal Web project using WebLogic Workshop. (Right−click−−>***Import*** or ***Add Module*** or ***Add Library*** on the target directory). You may need to create the appropriate directories in your application.

   Be sure to add the harmony_portlets.jar library first, as shown in the following table.

Import this	*into this WebLogic Workshop directory* (create if necessary)
`<WEBLOGIC_HOME>/samples/portal/portalApp/APP-INF/lib/harmony_portlets.jar`	`<PORTAL_APP>/Libraries/`

`<WEBLOGIC_HOME>/samples/portal/portalApp/`
`discussion_ejb.jar`
`security_ejb.jar`
`uniqueid_ejb.jar`
	`<PORTAL_APP>/Modules/`

`<WEBLOGIC_HOME>/samples/portal/portalApp/` `sampleportal/portlets/includes/collaboration/`	`<PORTAL_APP>/<project>/` `portlets/includes/collaboration`

`native_discussion.portlet`	

`<WEBLOGIC_HOME>/samples/portal/portalApp/`
`sampleportal/portlets/collaboration/nativedb/`
`discussion/`
	`<PORTAL_APP>/<project>/`
	`collaboration/native`

Note: If you add the non−JAR resources to directories other than those shown, you must open the portlet file in WebLogic Workshop and edit the Content URI for both the portlet's main content and Edit page content; you must modify the package path and <view−properties> paths in the Java Page Flow files; and you must modify the import statement to the ContentController and modify any other relevant paths in the JSPs.

6. Add the collaboration tables to your database. If you have already performed this for another collaboration portlet, skip this step.

Note: If you ran the create_* database script to set up your database, the collaboration tables already exist. Do not run create_* if, for example, you are using the default PointBase database and have already added records to the database. Follow these instructions instead.

To add the collaboration tables to an existing database, run the following database script:

<BEA_HOME>/<WEBLOGIC_HOME>/portal/db/<DB_TYPE>/<DB_VERSION>/collaboration_create_tab

    for example

    bea/weblogic81/portal/db/pointbase/44/collaboration_create_tables.sql

    To run this script for PointBase:

        a. Start the PointBase Console. In a command window, run

           <DOMAIN>/startPointBaseConsole.cmd(.sh)
        b. Log into the console. The default login is weblogic/weblogic.
        c. Choose *File−−>Open*.
        d. Open the collaboration_create_tables.sql script. The script opens in the Enter SQL Commands window.
        e. Click the *Execute All* button. The collaboration tables are created.
        f. Close the PointBase Console.

7. Add entries to <PORTAL_APP>/<PROJECT>/WEB−INF/web.xml.
        a. Open <PORTAL_APP>/<PROJECT>/WEB−INF/web.xml.
        b. Open
           <BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/sampleportal/WEB−INF/web.xml
        c. From the sampleportal web.xml file, copy the following sections into your project web.xml file in the appropriate locations:

```
<!-- Compoze Collaboration Discussion Thread Attachment Servlet -->
<servlet>
    <servlet-name>CompozeDiscussionMessageFileAttachmentServlet</servlet-nam
    <servlet-class>com.compoze.discussion.MessageFileAttachmentServlet</serv
</servlet>
```

```
<!-- Compoze Collaboration Discussion Thread Topic Attachment Servlet -->
<servlet>
    <servlet-name>CompozeDiscussionTopicFileAttachmentServlet</servlet-name>
    <servlet-class>com.compoze.discussion.TopicFileAttachmentServlet</servle
</servlet>
.
.
.
<!-- Compoze Collaboration Discussion Thread Attachment Servlet Mapping -->
<servlet-mapping>
    <servlet-name>CompozeDiscussionMessageFileAttachmentServlet</servlet-nam
    <url-pattern>*.compozediscussionmessagefileattachmentservlet</url-patte
</servlet-mapping>

<!-- Compoze Collaboration Discussion Thread Topic Attachment Servlet Mappi
<servlet-mapping>
    <servlet-name>CompozeDiscussionTopicFileAttachmentServlet</servlet-name
    <url-pattern>*.compozediscussiontopicfileattachmentservlet</url-pattern
</servlet-mapping>
.
.
.
        <resource-ref>
                <res-ref-name>ebusinessDataSource</res-ref-name>
                <res-type>javax.sql.DataSource</res-type>
                <res-auth>Container</res-auth>
        </resource-ref>
.
.
.
<ejb-ref>
    <description>Unique ID Generator</description>
            <ejb-ref-name>com.compoze.ejb.uniqueid.IUniqueIDGeneratorHome</e
            <ejb-ref-type>Session</ejb-ref-type>
    <home>com.compoze.ejb.uniqueid.IUniqueIDGeneratorHome</home>
    <remote>com.compoze.ejb.uniqueid.IUniqueIDGenerator</remote>
    <ejb-link>UniqueIDGenerator</ejb-link>
</ejb-ref>
<ejb-ref>
    <description>Discussion Forum Manager</description>
    <ejb-ref-name>com.compoze.discussion.ejb.IDiscussionManagerHome</ejb-re
    <ejb-ref-type>Session</ejb-ref-type>
    <home>com.compoze.discussion.ejb.IDiscussionManagerHome</home>
    <remote>com.compoze.discussion.ejb.IDiscussionManager</remote>
    <ejb-link>DiscussionManager</ejb-link>
</ejb-ref>
<ejb-ref>
    <description>Access Control Manager</description>
    <ejb-ref-name>com.compoze.security.acl.IAccessControllerHome</ejb-ref-na
    <ejb-ref-type>Session</ejb-ref-type>
    <home>com.compoze.security.acl.IAccessControllerHome</home>
    <remote>com.compoze.security.acl.IAccessController</remote>
    <ejb-link>AccessController</ejb-link>
</ejb-ref>
```
    d. Save and close your project web.xml file.

8. Add entries to <PORTAL_APP>/<PROJECT>/WEB−INF/weblogic.xml.
    a. Open <PORTAL_APP>/<PROJECT>/WEB−INF/weblogic.xml.
    b. Open
       <BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/sampleportal/WEB−INF/weblogic

c. From the sampleportal weblogic.xml file, copy the following sections into your project weblogic.xml file inside the <reference−descriptor> element:

```
<resource-description>
    <res-ref-name>ebusinessDataSource</res-ref-name>
    <jndi-name>weblogic.jdbc.jts.ebusinessPool</jndi-name>
</resource-description>
```

d. Save and close your project weblogic.xml file.

9. Perform the following steps only if you are using a database other than PointBase.

   a. Stop the server. Choose *Tools−−>WebLogic Server−−>Stop WebLogic Server*.

   b. Modify your domain's setDomainEnv.cmd(.sh) to use the correct database.

   In the entry set HARMONY_PORTLETS_PROPERTIES=−Dejbruntime.database=pointbase44, use the commented area above this entry to replace the pointbase44 entry with the name of your database driver. Possible values are listed above that entry.

   c. Save setDomainEnv.cmd(.sh).

   d. Restart the server.

9. Add the Login to Portal Portlet to your portal Web project. Users must log in to use the collaboration portlets.

10. Open your portal file and navigate the page where you want the portlet to appear.

11. In the *Data Palette* window, drag the *Discussion Forums* portlet onto the portal page.

12. In the *Property Editor* window, set any relevant properties.

13. Save the portal file.

14. View your portal with the WebLogic Test Browser or with your default browser.

    ♦ *WebLogic Test Browser* – In the WebLogic Workshop toolbar, click the *Start* button (or press *Ctrl+F5*).

    ♦ *Default Browser* – In the WebLogic Workshop menu, choose *Portal−−>Open Current Portal*.

For instructions on using the portlet's features, see *Compoze Portlets for BEA WebLogic Portal User's Guide* at http://e−docs.bea.com/wlp/docs81/pdf/compoze_portlets_users_guide.pdf.

Related Topics

Creating a Portal File

Portal Samples

Getting Started with Page Flows

Discussion Forum Administration Portlet

The Discussion Forum Administration portlet lets you administer threaded discussion forums in the Discussion Forums portlet.

Concepts Demonstrated by this Sample

This portlet surfaces a Java Page Flow and provides edit mode.

Location of Sample Files

This sample is located in the `<BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/portalApp.work` application.

How to Run the Sample

See Viewing the Samples in Portal Samples.

How to Use the Sample in Your Portals

When this portlet is used in a domain (for example, in the portalApp in the Sample Portal Domain), the EJBs it uses are registered with JNDI names that can be used only once in the domain. That means you can use the following collaboration portlets in only one portal application in a domain: My Mail, My Task List, My Calendar, My Contacts, Discussion Forums, and Discussion Forum Administration. Within that portal application you can create multiple portal Web projects that can each contain multiple portals that reuse these portlets.

1. Create a portal application in a domain that has not used the collaboration portlets.
2. Make sure your portal application is open and the server is running (***Tools−−>WebLogic Server−−>Start WebLogic Server***).
3. Import/add the following directories and files into your portal application and portal Web project using WebLogic Workshop. (Right−click−−>***Import*** or ***Add Module*** or ***Add Library*** on the target directory). You may need to create the appropriate directories in your application.

   Be sure to add the harmony_portlets.jar library first, as shown in the following table.

Import this	*into this WebLogic Workshop directory* (create if necessary)
`<WEBLOGIC_HOME>/samples/portal/portalApp/APP-INF/lib/harmony_portlets.jar`	`<PORTAL_APP>/Libraries/`

`<WEBLOGIC_HOME>/samples/portal/portalApp/`
`discussion_ejb.jar`
`security_ejb.jar`
`uniqueid_ejb.jar`
	`<PORTAL_APP>/Modules/`

`<WEBLOGIC_HOME>/samples/portal/portalApp/`
`sampleportal/portlets/includes/collaboration/`
`native_discussion_admin.portlet`
	`<PORTAL_APP>/<project>/`
	`portlets/includes/collaboration`

`<WEBLOGIC_HOME>/samples/portal/portalApp/`
`sampleportal/portlets/collaboration/nativedb/`
`discussion/`
	`<PORTAL_APP>/<project>/`
	`collaboration/native`

Note: If you add the non−JAR resources to directories other than those shown, you must open the portlet file in WebLogic Workshop and edit the Content URI for both the portlet's main content and Edit page content; you must modify the package path and <view−properties> paths in the Java Page Flow files; and you must modify the import statement to the ContentController and modify any other relevant paths in the JSPs.

4. Add the collaboration tables to your database. If you have already performed this for another collaboration portlet, skip this step.

   Note: If you ran the create_* database script to set up your database, the collaboration tables already exist. Do not run create_* if, for example, you are using the default PointBase database and have already added records to the database. Follow these instructions instead.

   To add the collaboration tables to an existing database, run the following database script:

   <BEA_HOME>/<WEBLOGIC_HOME>/portal/db/<DB_TYPE>/<DB_VERSION>/collaboration_create_tab

       for example

       bea/weblogic81/portal/db/pointbase/44/collaboration_create_tables.sql

       To run this script for PointBase:

           a. Start the PointBase Console. In a command window, run

               <DOMAIN>/startPointBaseConsole.cmd(.sh)
           b. Log into the console. The default login is weblogic/weblogic.
           c. Choose *File−−>Open*.
           d. Open the collaboration_create_tables.sql script. The script opens in
              the Enter SQL Commands window.
           e. Click the *Execute All* button. The collaboration tables are created.
           f. Close the PointBase Console.

7. Add entries to <PORTAL_APP>/<PROJECT>/WEB−INF/web.xml.
       a. Open <PORTAL_APP>/<PROJECT>/WEB−INF/web.xml.
       b. Open
          <BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/sampleportal/WEB−INF/web.xml
       c. From the sampleportal web.xml file, copy the following sections into your project web.xml
          file in the appropriate locations:

```
<!-- Compoze Collaboration Discussion Thread Attachment Servlet -->
<servlet>
    <servlet-name>CompozeDiscussionMessageFileAttachmentServlet</servlet-nam
    <servlet-class>com.compoze.discussion.MessageFileAttachmentServlet</serv
</servlet>

<!-- Compoze Collaboration Discussion Thread Topic Attachment Servlet -->
<servlet>
    <servlet-name>CompozeDiscussionTopicFileAttachmentServlet</servlet-name:
```

```
                <servlet-class>com.compoze.discussion.TopicFileAttachmentServlet</servle
        </servlet>
        .
        .
        .
        <!-- Compoze Collaboration Discussion Thread Attachment Servlet Mapping -->
        <servlet-mapping>
            <servlet-name>CompozeDiscussionMessageFileAttachmentServlet</servlet-nam
            <url-pattern>*.compozediscussionmessagefileattachmentservlet</url-patte
        </servlet-mapping>

        <!-- Compoze Collaboration Discussion Thread Topic Attachment Servlet Mappi
        <servlet-mapping>
            <servlet-name>CompozeDiscussionTopicFileAttachmentServlet</servlet-name
            <url-pattern>*.compozediscussiontopicfileattachmentservlet</url-pattern
        </servlet-mapping>
        .
        .
        .
                <resource-ref>
                        <res-ref-name>ebusinessDataSource</res-ref-name>
                        <res-type>javax.sql.DataSource</res-type>
                        <res-auth>Container</res-auth>
                </resource-ref>
        .
        .
        .
        <ejb-ref>
            <description>Unique ID Generator</description>
            <ejb-ref-name>com.compoze.ejb.uniqueid.IUniqueIDGeneratorHome</ejb-ref-r
            <ejb-ref-type>Session</ejb-ref-type>
            <home>com.compoze.ejb.uniqueid.IUniqueIDGeneratorHome</home>
            <remote>com.compoze.ejb.uniqueid.IUniqueIDGenerator</remote>
            <ejb-link>UniqueIDGenerator</ejb-link>
        </ejb-ref>
        <ejb-ref>
            <description>Discussion Forum Manager</description>
            <ejb-ref-name>com.compoze.discussion.ejb.IDiscussionManagerHome</ejb-re
            <ejb-ref-type>Session</ejb-ref-type>
            <home>com.compoze.discussion.ejb.IDiscussionManagerHome</home>
            <remote>com.compoze.discussion.ejb.IDiscussionManager</remote>
            <ejb-link>DiscussionManager</ejb-link>
        </ejb-ref>
        <ejb-ref>
            <description>Access Control Manager</description>
            <ejb-ref-name>com.compoze.security.acl.IAccessControllerHome</ejb-ref-na
            <ejb-ref-type>Session</ejb-ref-type>
            <home>com.compoze.security.acl.IAccessControllerHome</home>
            <remote>com.compoze.security.acl.IAccessController</remote>
            <ejb-link>AccessController</ejb-link>
        </ejb-ref>
```

    d. Save and close your project web.xml file.

8. Add entries to <PORTAL_APP>/<PROJECT>/WEB−INF/weblogic.xml.
    a. Open <PORTAL_APP>/<PROJECT>/WEB−INF/weblogic.xml.
    b. Open
       <BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/sampleportal/WEB−INF/weblogic
    c. From the sampleportal weblogic.xml file, copy the following sections into your project
       weblogic.xml file inside the <reference−descriptor> element:

```
<resource-description>
    <res-ref-name>ebusinessDataSource</res-ref-name>
    <jndi-name>weblogic.jdbc.jts.ebusinessPool</jndi-name>
</resource-description>
```
        d. Save and close your project weblogic.xml file.

9. Perform the following steps only if you are using a database other than PointBase.

        a. Stop the server. Choose *Tools-->WebLogic Server-->Stop WebLogic Server*.

        b. Modify your domain's setDomainEnv.cmd(.sh) to use the correct database.

        In the entry set HARMONY_PORTLETS_PROPERTIES=−Dejbruntime.database=pointbase44, use the commented area above this entry to replace the pointbase44 entry with the name of your database driver. Possible values are listed above that entry.

        c. Save setDomainEnv.cmd(.sh).

        d. Restart the server.

10. Add the Login to Portal Portlet to your portal Web project. Users must log in to use the collaboration portlets.

11. Open your portal file and navigate the page where you want the portlet to appear.

12. In the *Data Palette* window, drag the *Discussion Forum Administration* portlet onto the portal page.

13. In the *Property Editor* window, set any relevant properties.

14. Save the portal file.

15. View your portal with the WebLogic Test Browser or with your default browser.

        ♦ *WebLogic Test Browser* – In the WebLogic Workshop toolbar, click the *Start* button (or press *Ctrl+F5*).

        ♦ *Default Browser* – In the WebLogic Workshop menu, choose *Portal-->Open Current Portal*.

For instructions on using the portlet's features, see *Compoze Portlets for BEA WebLogic Portal User's Guide* at http://e−docs.bea.com/wlp/docs81/pdf/compoze_portlets_users_guide.pdf.

Related Topics

Creating a Portal File

Portal Samples

Getting Started with Page Flows

My Content Portlet

The My Content portlet lets you completely manage your content in the BEA Virtual Content Repository without having to use the WebLogic Administration Portal. With My Content portlet users can create, update, and delete content directories and nodes, and they can browse content hierarchies and and search for content.

My Content portlet supports delegated administration, letting users view and manage only the content nodes delegated to them.

My Content Portlet does not support BEA Library Services–Enabled repositories. To access a library services–enabled repository via a portlet, use the Content Management Portlet.

Concepts Demonstrated by this Sample

This Java Page Flow portlet supports full create, read, update, and delete (CRUD) capabilities and provides security through delegated administration.

Location of Sample Files

This sample is located in the
`<BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/portalApp.work`
application.

How to Run the Sample

See Viewing the Samples in Portal Samples.

How to Use the Sample in Your Portals

For detailed instructions for Setting Up the My Content Portlet, see Setting Up My Content Portlet.

Using My Content Portlet

The following procedures show you how to use My Content portlet:

Creating and Modifying Content with My Content Portlet

Searching with My Content Portlet

Related Topics

Portal Samples

For information on setting up content management in the BEA Virtual Content Repository and setting up delegated administration, see the WebLogic Administration Portal documentation.

Content Management Portlet

The Content Management portlet lets you manage your content in the BEA Virtual Content Repository without having to use the WebLogic Administration Portal. With Content Management portlet users can create, update, and delete content directories and nodes.

The Content Management portlet does not allow you to view and modify content types, modify repositories, or set Delegated Administration policies. To set up types, configure repositories or set Delegated Administration policies, you must use the WebLogic Administration portal.

Concepts Demonstrated by this Sample

This portlet supports full create, read, update, and delete (CRUD) capabilities for content, BEA Library Services and provides security through previously set delegated administration.

Location of Sample Files

This sample is located in the `<BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/portalApp.work` application.

How to Run the Sample

See Viewing the Samples in Portal Samples.

How to Use the Sample in Your Portals

For detailed instructions for Setting Up the My Content Portlet, see Setting Up the Content Management Portlet.

Related Topics

Portal Samples

For information on setting up content management in the BEA Virtual Content Repository, library services and setting up delegated administration, see the WebLogic Administration Portal documentation.

Left Navigation Shell

The left navigation shell demonstrates using a navigation tree in the left frame of a portal desktop.

Concepts Demonstrated by this Sample

This sample uses a shell to create a left table cell that contains a navigation tree of links for the selected book. The main page book is rendered in the right table cell.

This portlet uses functionality similar to the Targeted Menu Portlet. The difference between the two samples is scope. The left navigation shell provides navigation an entire desktop, and the Targeted Menu portlet provides navigation for a single book.

Following is the leftNav.shell file, which shows how the header, footer, and left navigation JSPs are included to provide a left navigation area in the shell:

```
<?xml version="1.0" encoding="UTF-8"?>

<netuix:markupDefinition xmlns:netuix="http://www.bea.com/servers/netuix/xsd/controls/netuix/1.
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.bea.com/servers/netuix/xsd/controls/netuix/1.0.0 markup-netuix-1
    <netuix:locale language="en"/>
    <netuix:markup>
        <netuix:shell
            title="Left Nav Shell" description="A shell with a left nav section." markupType="S
            <netuix:head/>
            <netuix:body>
                <netuix:header>
                    <netuix:jspContent contentUri="/portlets/header/header.jsp"/>
                </netuix:header>
                <netuix:jspContent contentUri="/navigation/shell/beginBody.jsp"/>
                <netuix:break/>
                <netuix:jspContent contentUri="/navigation/shell/endBody.jsp"/>
                <netuix:footer/>
            </netuix:body>
        </netuix:shell>
    </netuix:markup>
</netuix:markupDefinition>
```

Following are descriptions of the JSPs used in the shell:

- header.jsp is included to provide a header only. It is not required for left navigation functionality.
- beginBody.jsp file provides two table cells: one for the left navigation area and the other to contain the main page book of the desktop, represented by the <netuix:break/> tag. The left cell includes a <jsp:include page="/navigation/shell/leftNav.jsp"/> tag to insert the contents of leftNav.jsp in the left navigation cell. leftNav.jsp includes all the navigation functionality.
- endBody.jsp supplies the closing HTML tags for the right table cell, the table row, and the table, wrapping the main page book area within the shell (which is why the JSP is referenced after the <netuix:break/> tag).

Location of Sample Files

This sample is located in the
`<BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/portalApp.work`
application.

How to Run the Sample

See Viewing the Samples in Portal Samples.

How to Use the Sample in Your Portals

1. Create a portal application. Make sure you create a Portal Application and add a Portal Web Project to it.
2. Import or copy the following directories and files into your portal application and portal Web project. You may need to create the appropriate directories in your application:

Import or copy this	*to this directory* (crea
`<WEBLOGIC_HOME>/samples/portal/portalApp/` `sampleportal/framework/markup/shell/leftNav.shell`	`<PORTAL_APP>/<p`

`<WEBLOGIC_HOME>/samples/portal/portalApp/`
`sampleportal/navigation/shell/`
`beginBody.jsp`
`endBody.jsp`
`leftNav.jsp`
	`<PORTAL_APP>/<p`

`<WEBLOGIC_HOME>/samples/portal/portalApp/` `sampleportal/framework/markup/skins/<skin>/css/treenav.css`	`<PORTAL_APP>/<p`

`<WEBLOGIC_HOME>/samples/portal/portalApp/`
`sampleportal/framework/markup/skins/<skin>/`
`images/treenav*.gif`
	`<PORTAL_APP>/<p`
	`<skin>/images/`

`<WEBLOGIC_HOME>/samples/portal/portalApp/`
`sampleportal/framework/markup/skins/<skin>/`
`skin.properties`
	If you already have a
	that you do not want
	entry for treenav.css
	into your skin.proper
	entire sample skin.pr
	
	`<PORTAL_APP>/<p`

3. Open your portal file and navigate the page where you want the portlet to appear.
4. In the *Data Palette* window, drag the *Login to Portal* portlet onto a placeholder on the page.
5. In the *Property Editor* window, set any relevant properties.
6. Save the portal file.
7. View your portal with the WebLogic Test Browser or with your default browser.
   - ♦ *WebLogic Test Browser* – In the WebLogic Workshop toolbar, click the *Start* button (or press *Ctrl+F5*).
   - ♦ *Default Browser* – In the WebLogic Workshop menu, choose *Portal−−>Open Current Portal*.

Related Topics

How the Shell Determines Header and Footer Content

Targeted Menu Portlet

Creating Shells

Creating Skins and Skin Themes

Portal Samples

Tutorial Portal

Tutorial Portal is a portal Web project that provides self–documented examples of portal development implementations. The portal resources in Tutorial Portal are designed more for viewing and reference than for component reuse in your portals.

Concepts Demonstrated by this Sample

The following functionality is illustrated by the development examples:

- Authentication
- Controls
- Look & Feel
- Java Page Flows
- Internationalization
- Backing Files
- Window Modes
- Portlet Preferences
- Portlet Events
- Multichannel (mobile device support)

Location of Sample Files

This sample is located in the `<BEA_HOME>/<WEBLOGIC_HOME>/samples/portal/portalApp/portalApp.work` application. With that application open, the sample is located in the tutorial project. Open the tutorialPortal.portal file in WebLogic Workshop Platform Edition.

How to Run the Sample

See Viewing the Samples in Portal Samples.

Related Topics

Portal Samples