Exercise instructions

Preface

- Access your lab image by using the instructions that your instructor provides.

Note

Substitution values

Use the following substitution values when you encounter them in the exercise instructions.

`<wps_home>` is `/opt/IBM/WebSphere/PortalServer`

`<was_home>` is `/opt/IBM/WebSphere/AppServer`

`<wp_profile>` is `/opt/IBM/WebSphere/wp_profile`

## *Section 1: Verifying that WebSphere Portal is started and log in*

__ 1.   Verify that WebSphere Portal is started.

   __ a.   Open a terminal window and change directories to `<wp_profile>/bin`.

   __ b.   Enter the following command: `./serverStatus.sh -all -user wpsadmin -password IBMp0rtal`

   __ c.   If WebSphere Portal is stopped, enter the following command: `./startServer.sh WebSphere_Portal`

   __ d.   Wait until use see the message: "`Server WebSphere_Portal open for e-business`"

__ 2.   Log in to WebSphere Portal.

   __ a.   Start a web browser and enter the following address:
   `http://portal00:10039/wps/portal`

   __ b.   Enter `wpsadmin` for the user ID and `IBMp0rtal` for the password and click **Log in**.

Section 2: Deploying a portlet
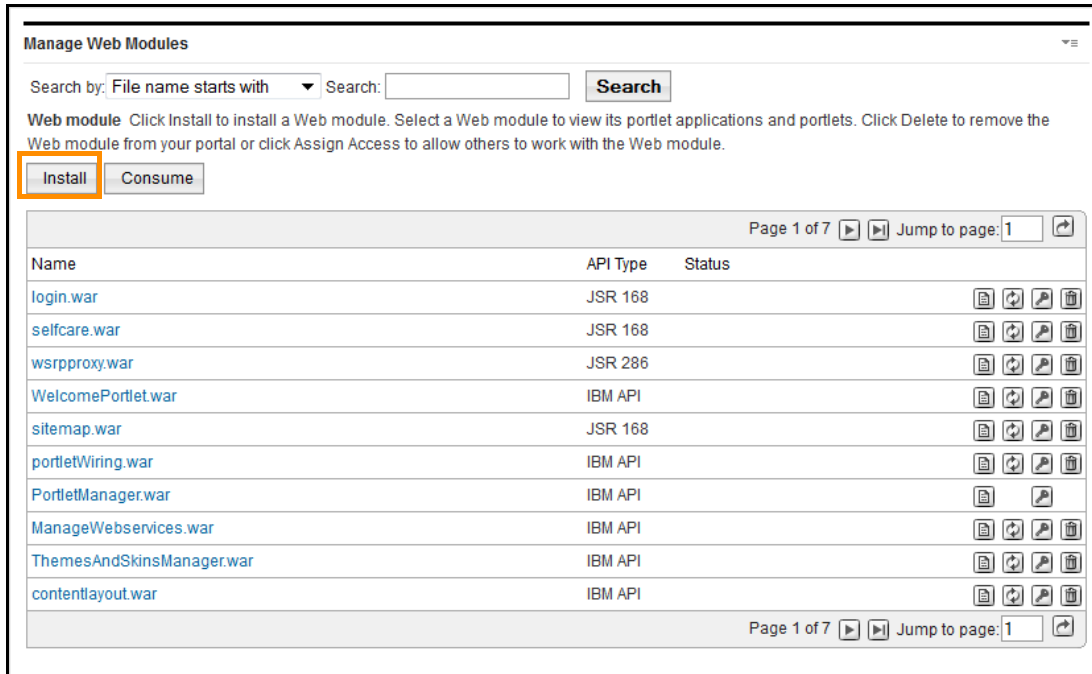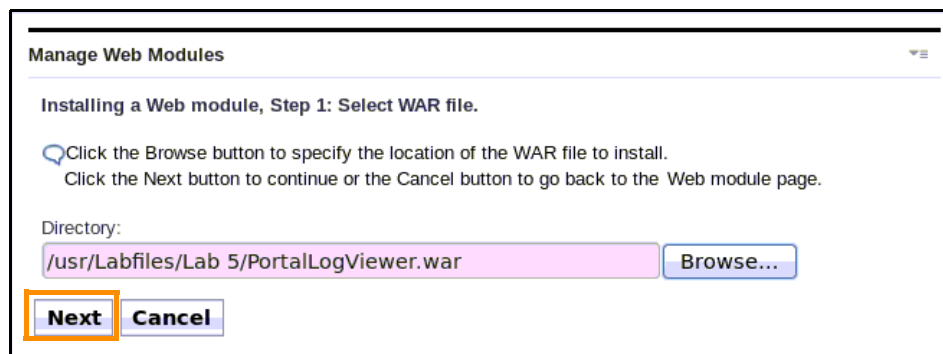
__ 1.   Click the **Open the administration menu** link.
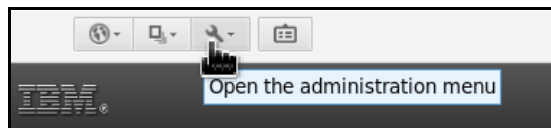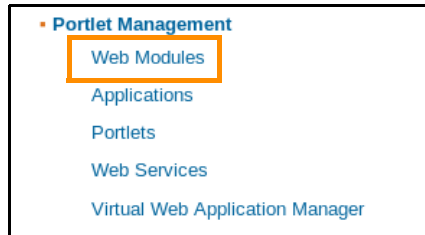
__ 2. Click **Portlet Management > Web Modules.**
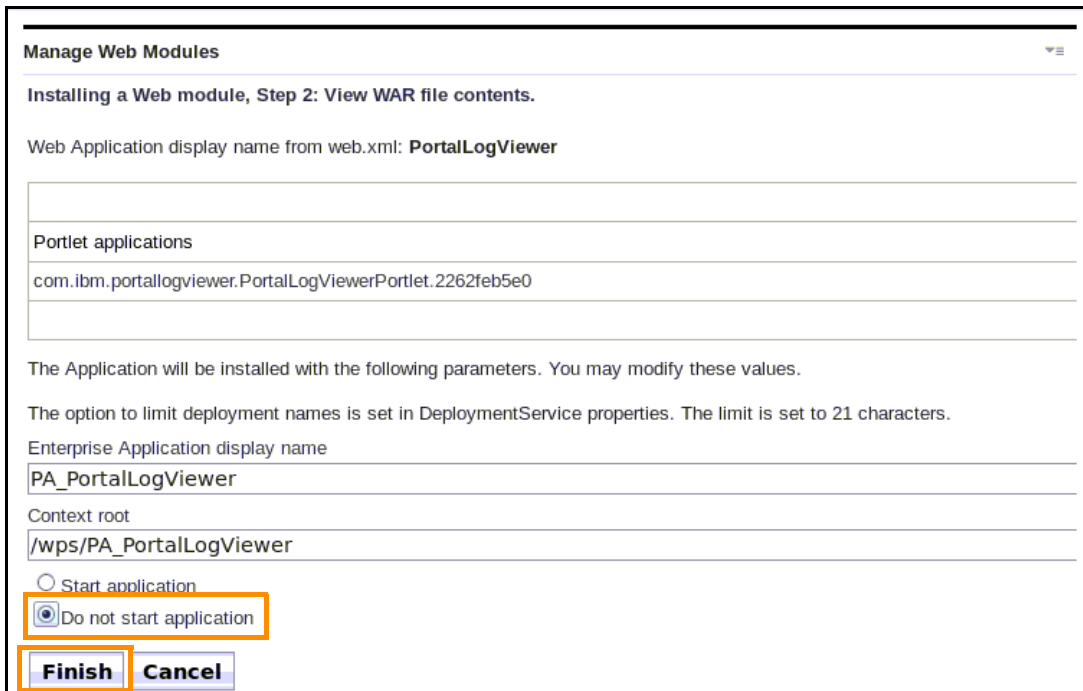

__ 3. Click **Install** on the Manage Web Modules pane.

__ 4. Click **Browse** and select the following module:
/usr/Labfiles/Lab5/PortalLogViewer.war, and click **Open**.

__ 5. Click **Next**.
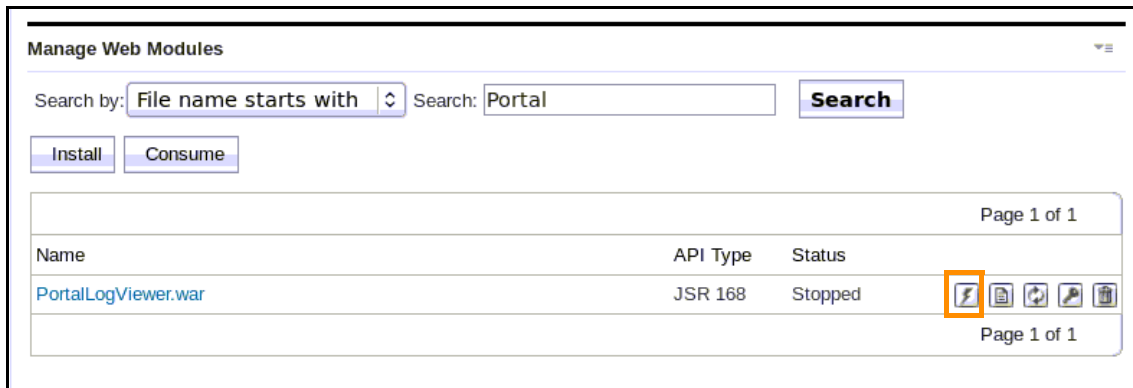

__ 6. Confirm that the PortalLogViewer application is the portlet that is being installed. Click **Do not start application** and then click **Finish**.

__ 7. Verify that you see a confirmation message that the installation was successful.
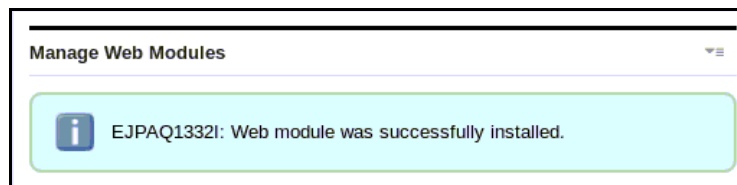
Portlets must be active to be displayed on a page properly. Clicking *Start Application* during the web module installation process installs and activates the portlet. In contrast, clicking *Do not start application* during the installation process leaves the portlet deactivated. An error message is displayed if a deactivated portlet is added to a page. For this exercise, the application was not started to demonstrate the steps to activate a portlet.

__ 8. Enter **Portal** in the Search field. Ensure that "File name starts with" is selected in the Search by field, and then click **Search**.

Manage Web Modules

Search by: File name starts with | Search: Portal | **Search**

Install | Consume

|			Page 1 of 1
Name	API Type	Status	
PortalLogViewer.war	JSR 168	Stopped	
			Page 1 of 1

__ 9. In the list of icons on the right, click the **Activate** icon (lightning bolt) to activate the portlet. The following figure shows the `PortalLogViewer.war` line item.

Manage Web Modules

EJPAQ1202I: Web module PortalLogViewer.war has been started successfully.

Search by: File name starts with | Search: Portal | **Search**

Install | Consume

			Page 1 of 1
Name	API Type	Status	
PortalLogViewer.war	JSR 168		
			Page 1 of 1
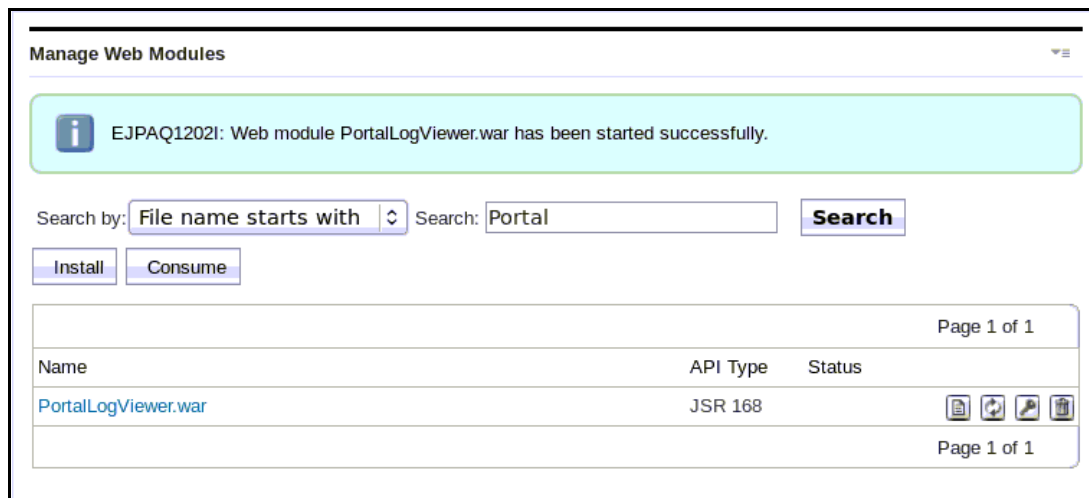
Section 3: Adding the portlet to the Welcome page

In the previous exercise, you added portlets to a page by using the managed pages feature of WebSphere Portal. Here, you add a portlet to a page by using the administrative portlets.

__ 1. Add the portlet to the Welcome page.

__ a. In the left navigation tree, under Portal User Interface click **Manage Pages**.

Portal User Interface

Manage Pages

Themes and Skins

Page Templates
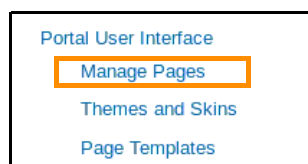
__ b. On the Manages Pages pane, under the Title column, click **Content Root**, then click **Home**.

__ c. You see the following contents.

__ d. In the Manage Pages pane, click the **Edit Page Layout** icon for the Welcome page.

__ e. Click **Add Portlets**.

__ f. Search for **PortalLogViewer**.
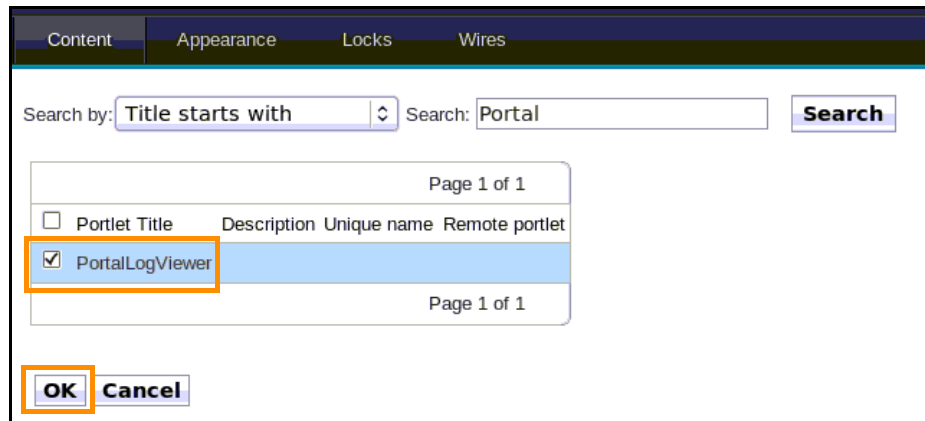
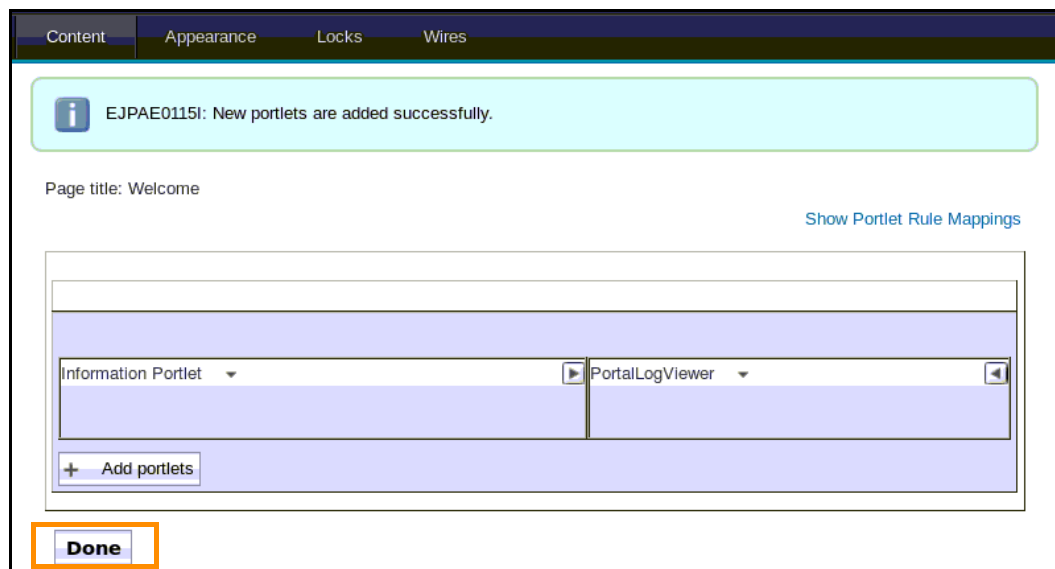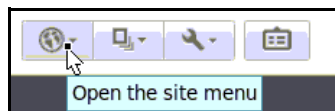__ g. On the Content tab, select the **PortalLogViewer** portlet check box and click **OK**..

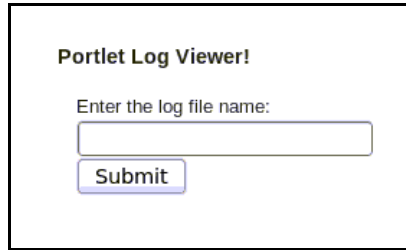__ h. Notice that the PortalLogViewer portlet appears on the Welcome page. Click **Done**.

__ 2. Verify that the portlet shows up on the Welcome tab.

__ a. Click the Open site menu (globe) icon

__ b. Click **Home.**

Exercise 5. Deploying a portlet **5-7**

__ c. Click the **Welcome** tab, scroll down to the bottom of the page, and observe that the PortalLogViewer portlet is available as shown on the Welcome page.

Portlet Log Viewer!

Enter the log file name:

[   ]

Submit

Section 4: Installing the Calculator portlet

The Calculator portlet is used in the next exercise. You can use the previous steps to install this portlet, except this time, select "Start application", to activate the portlet after it is installed.

__ 1. Click the **Open the administration menu** link.

__ 2. Click **Portlet Management > Web Modules.**

__ 3. Click **Install** on the Manage Web Modules pane.

__ 4. Click **Browse** and select the following module:
       /usr/Labfiles/Lab6/Calculator.war, and click **Open**.

__ 5. Click **Next**.

__ 6. Confirm that the Calculator web application is the portlet that is being installed. Click **Start application** and then click **Finish**.

__ 7. Verify that you see a confirmation message that the installation was successful.

End of exercise