

# веа WebLogic Portal

**Build Your First Portal** 

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Build Your First Portal

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# Preface

Welcome to the Build Your First Portal. In addition to this document, we encourage you to use the following resources, as well.

**Finding documentation online** BEA product documentation is available on the BEA corporate Web site. From the BEA Home page, click on Product Documentation or go directly to the "e-docs" Product Documentation page at http://e-docs.bea.com.

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#### vi Build Your First Portal

# **Build Your First Portal**

Want to see how easy it is to create a portal with BEA WebLogic Portal? You can use this tutorial to build your first basic portal quickly and easily.

This tutorial is just one example of what you can do with the WebLogic Portal. BEA WebLogic Portal's robust features enable you to easily create and administer portals, portlets, and portlet pages. Your business needs and existing enterprise systems will determine the WebLogic Portal features and processes that you use to build your enterprise portal.

When you finish this tutorial, you can learn more about other approaches for developing and administering portals with BEA WebLogic Portal in the *Development Guide* at http://edocs.bea.com/wlp/docs70/dev/index.htm and the WebLogic Portal *Administration Guide* at http://edocs.bea.com/wlp/docs70/admin/index.htm.

This tutorial walks you through the following tasks to help you create a basic portal application:

- Step 1: Start the Server
- Step 2: Create A New Portal Site
- Step 3: Create a Portlet and Make it Visible to the Portal
- Step 4: Update the Look and Feel of the Portal

## **Before You Begin: A Note About the Sample Portal**

This tour covers some basic portal-building steps using the Sample Portal provided by BEA WebLogic Portal. All steps in this tour assume that you are using the "Typical" installation of the WebLogic Portal on your local computer, which automatically installs the sample, and that your application is running on a Windows operating system.

If you are accessing the application on a remote server, using an atypical installation of the product, or are running the application on a different operating system, some of the paths and instructions provided in this tour may be slightly different. See your administrator if this is the case.

## Step 1: Start the Server

Before you begin the steps in the tour you must start the Sample Portal server:

Select Start > Programs > BEA WebLogic Platform 7.0 > WebLogic Portal 7.0 > Portal Examples > Portal Example > Launch Portal Server.

## **Step 2: Create A New Portal Site**

The following section walks you through the steps of creating a simple portal. Once you have created this portal, you can add portlets, pages, and "look and feel" attributes in subsequent steps.

For the purposes of this demonstration, the portal is created in an existing sample domain. For detailed information about creating and setting up new domains, see the *Development Guide* at http://edocs.bea.com/wlp/docs70/dev/index.htm.

This tasks contains the following steps:

Step 2A: Create and Deploy the Portal

Step 2B: View New Changes in the Portal Administration Tools and Browser

## Step 2A: Create and Deploy the Portal

To create and deploy a new portal, do the following:

- Make sure the server is running (see Step 1: Start the Server on page 2) and launch the E-Business Control Center by selecting Start > Programs > BEA WebLogic Platform 7.0 > WebLogic Portal 7.0 > E-Business Control Center.
- Once the server is running, choose File > Open Project in the E-Business Control Center toolbar (Figure 1-1).

#### Figure 1-1 Opening the Project File dialog box



3. In the **Look In** drop-down menu of the Project File dialog box (Figure 1-2), navigate to:

<BEA\_HOME>\weblogic700\samples\portal\sampleportalDomain\ beaApps\sampleportal-project\sampleportal-project.

Figure 1-2	<b>Opening a Project File</b>
	🙀 Open Project



 Once you have opened the sampleportal project, click the Presentation tab at the bottom of the E-Business Control Center Explorer window, as shown in Figure 1-3.

Figure 1-3 Explorer Window with Presentation Tab selected

Name Filter (partial names allowed)		
	\$ <u>1</u> 22	∭
<b>28</b>		
Entitlement Segments		
1.54		
Content Selectors		
Placeholders		
ES Dottelo		
Fultais		
C.		
Portlets		
Description		

5. Click the **New** icon in the Explorer tool bar and select **Portal**, as shown in Figure 1-4. The Portal Wizard screen appears.

- gare - opening energen - or un analog	Figure 1-4	Opening	the New	Portal	dialog
---	------------	---------	---------	--------	--------



6. Be sure the **Use the Portal Wizard** option is selected, as shown in Figure 1-5, and click **OK**. Portal Name, the first page of the Portal Wizard, appears.

#### Figure 1-5 Portal Wizard Screen

New Portal
♂ Use the Portal Wizard to create a new portal from scratch.
C Use the Portal Editor to create a new portal with existing resources (e.g. skins, layouts).
OK Cancel

7. Name the new portal, "ThisNewPortal", as shown in Figure 1-6.

#### Figure 1-6 Portal Name page of the Portal Wizard

📢 Portal Wizard[Untitled]	
1. Portal Name 2. Portal Templates 3. Resource Files Location 4. Summary 5. Next Steps	Portal Name
	Portal Name: ThisNewPortal

8. Click the **New** button to create a new portal Web application. The Name New Portal Web Application page appears, as shown in Figure 1-7.

🎁 Portal Wizard [ThisNewPortal]	<u>&gt;</u>
1. Portal Name 2. Portal Templates 3. Resource Files Location 4. Summary 5. Next Steps	Portal Name
151	Portal Name: ThisNewPortal Web Application: Implication:
En VVe Ne	ter a name for the portal Web application. (b Application Name: wPortalWebApp
_	OK Cancel
	Next > Cancel

Figure 1-7 Name the New Portal Web Application

- 9. Enter **NewPortalWebApp** as the name of the new Web application, then click **OK** to save the new name and close the window.
- 10. Click Next. The Portal Templates window appears, as shown in Figure 1-8.

N Portal Wizard[ThisNewPortal]	×
1. Portal Name 2. Portal Templates 3. Resource Files Location 4. Summary 5. Next Steps	Portal Templates
	Choose a template to base your portal on.
	Portal Templates: baseportal Template Description: Description: Base Portal Template
	< Back Next > Cancel

Figure 1-8 Portal Templates page of the Portal Wizard

11. Select the baseportal template and click **Next**. The Resource Files Location page appears, as shown in Figure 1-9.

N Portal Wizard[ThisNewPortal]	2
1. Portal Name     2. Portal Templates     3. Resource Files Location     4. Summary     5. Next Steps	Resource Files Location
	Choose a location in which to create the Web application directory for storing this portal's resource files (JSPs, skins, etc). This will usually be your enterprise application root directory. Parent directory of Web application: C:\bea\weblogic700\samples\portal\samplepor
	< <u>B</u> ack Creąte <u>C</u> ancel

Figure 1-9 Resource Files Location page of the Portal Wizard

12. Verify that the location for J2EE resources for the new Portal Web Application are as shown:

<BEA\_HOME>\weblogic700\samples\portal\sampleportalDomain\beaApp s\sampleportal.

- 13. Click Create.
- 14. The Portal Wizard will create files and list them in the Summary window, as shown in Figure 1-10.

🙀 Portal Wizard[ThisNewPortal]	
1. Portal Name 2. Portal Templates 3. Resource Files Location	Summary
4. Summary 5. Next Steps	The following portal resource files have been created. File List: C:\bea\weblogic700\samples\portal\sampleportalDoma: C:\bea\weblogic700\samples\portal\sampleportalDoma: C:\bea\weblogic700\samples\portal\sampleportalDoma:
	C:\bea\weblogic700\samples\portal\sampleportalDoma: C:\bea\weblogic700\samples\portal\sampleportalDoma: C:\bea\weblogic700\samples\portal\sampleportalDoma: C:\bea\weblogic700\samples\portal\sampleportalDoma: C:\bea\weblogic700\samples\portal\sampleportalDoma: C:\bea\weblogic700\samples\portal\sampleportalDoma:
	Copy to Clipboard

Figure 1-10 Summary page of the Portal Wizard

15. In the Summary page, click **Next**. The Next Steps page appears, as shown in Figure 1-11.

🙀 Portal Wizard[ThisNewPortal]	×
1. Portal Name 2. Portal Templates 3. Resource Files Location 4. Summary 5. Next Steps	Next Steps Hot Deploy this portal web application now?
	Read about manual portal deployment Additional information provided by this template: After your new portal is deployed, follow these instructions
	Copen the portal definition after pressing "Finish"

Figure 1-11 Next Steps page of the Portal Wizard

16. To deploy the new portal, select the **Yes, Hot Deploy Now** option and click **Deploy**. You are prompted to log onto the server, as shown in Figure 1-12.

#### Figure 1-12 Logon prompt



- 17. Enter the administrator username and password, the default is system/weblogic.
- The deployment process runs for a few moments, displaying the window in Figure 1-13.

N Hot Deployment Status	×
Hot deploying portal to WebLogic Server.	
Status: Invoking WebLogic Deployer	
This may take several minutes dependin on your server's configuration.	g
Ciose Details >>	

Figure 1-13 Hot Deployment status window

- 19. Click Details if you want to see specific messages about the processes occurring.
- 20. When the new portal has been deployed successfully, as shown in Figure 1-14, click **Close**. Leave the E-Business Control Center open.

Figure 1-14 Hot Deployment success



## Step 2B: View New Changes in the Portal Administration Tools and Browser

To confirm that the new portal is visible from within the WebLogic Portal Administration Tools:

1. Open the WebLogic Portal Administration Tools by navigating to the following URL:

http://localhost:7501/sampleportalTools

The login prompt appears (Figure 1-15)

#### Figure 1-15 Logging Into the Administration Tools

Username and Password Required	×	
Enter username for weblogic at localhost:7501:		
-		
User Name: administrator	-	
	-1	
Password:	- 1	
OK Cancel		

- Log into the Administration tools, the default username and password is administrator/password.
- 3. The WebLogic Portal Administration Tools Home page appears (Figure 1-16).

Figure 1-16 Clicking the Portal Management Icon



4. Click the icon in the **Portal Management** heading. The Portal Management page appears, displaying the name of your portal Web application (Figure 1-17).

Figure 1-17 New portal as viewed in the Portal Administration tools



- 5. The new (empty) portal should be visible through your browser, though no content has been placed inside this portal.
- 6. You can view the portal as a visitor (Figure 1-18) by entering the following URL in your browser:

http://localhost:7501/NewPortalWebApp



Figure 1-18 The new portal viewed through a browser

# **Step 3: Create a Portlet and Make it Visible to the Portal**

Portlets are applications or collections of data that are shown within a larger portal. For example, a human resources portal at a large corporation might provide a portlet that allows an employee to log in and view their paycheck information and another portlet that allows them to update insurance information.

This task involves the following steps:

Step 3A: Create a Portlet

Step 3B: Make the New Portlet Visible

Step 3C: View the Results in a Web Browser

## Step 3A: Create a Portlet

Now that the portal is deployed and running, use the Portlet Wizard to add a new portlet to the portal.

- 1. In the E-Business Control Center, click the **Presentation** tab.
- **Note:** If you closed the E-Business Control Center, you need to restart it and open the sampleportal project file. See steps 1 through 4 of Step 2A: Create and Deploy the Portal on page 3 for the procedure.
- 2. Click the **New** icon in the Explorer and select **Portlet**, as shown in Figure 1-19. The New Portlet Wizard window appears:

#### Figure 1-19 Opening the New Portlet dialog

BEA E-Business Control C	enter - portalApp-project
<u>File Tools Window H</u> el	р
i 🔁 🛛 🔀 🗗 🗉	]
Creating new portlet	
Explorer [Presentation]	
× 🖆 × 👘 ı	1 7
N: Entitlement Segment	wed)
Content Selector 🐵 🖑	
Placeholder	tlets
Portal Portlets	
Portlet Portlet1	
Entitlement Segments	

3. Select **Use the Portlet Wizard**, as shown in Figure 1-20, and click **OK**. The first page of the Portlet Wizard, the Portlet Name page, appears.

Figure 1-20	New	Portlet	wizard	window
-------------	-----	---------	--------	--------



4. Name the new portlet **BasicPortlet**, as shown in Figure 1-21.

Figure 1-21 The Portlet Name page of the Portlet Wizard

ortlet Name ortal Pages	Portlet Name
ortlet Components content Types lesource Files Location ummary lext Steps	Enter a unique name for the portlet, and select a portal to which the portlet should be associated. The portlet name will be used to name the directory that contains wizard-generated portlet files. Portlet Name: BasicPortlet
	Portlet Category: portlets
	Portal: ThisNewPortal
	Portlet Description (optional):

- 5. Click Next, the Portal Pages page appears.
- 6. Check the **home** portal page to associate the new portlet with that page, as shown in Figure 1-22. This makes the portlet available for administration within that page.

Figure 1-22 The Portal Pages page of the Portlet Wizard

N Portlet Wizard [Simple1]	×
1. Portlet Name 2. Portal Pages	Portal Pages
3. Portlet Components 4. Content Types 5. Resource Files Location 6. Summary 7. Next Steps	The portal ThisNewPortal has the portal pages listed below. Please indicate which portal pages (if any) you would like this portlet to appear on.
	Poniel Pages:
	< <u>B</u> ack <u>Next&gt;</u> <u>C</u> ancel

7. Click **Next**, the Portlet Components page in Figure 1-23 shows components you can add to the portlet, such as a header.

Portlet Components		3
Content Types Resource Files Location	Indicate which components to include in (Titlebar and Content are required comp	the portlet. onents.)
Summary Next Steps	🔶 Portlet Titlebar (Help)	🔽 🗆 Help Page
r turk usup u	Portlet Banner	🗖 Banner
	Portlet Header	🗖 Header
	Portlet Content Portlet Content Portlet Content Portlet Content Portlet Content Portlet Content	
	Portlet Footer	Footer

Figure 1-23 Portlet Components page of the Portlet Wizard

- 8. Do not select any additional components, and click **Next**. The Content Types page appears.
- 9. Select **Basic (no Webflow)** as your portlet content type, as shown in Figure 1-24, then click **Next**.



Figure 1-24 Content Types Page of the Portlet Wizard

10. In the Resource Files Location window (Figure 1-25), verify that the path is the following:

```
<BEA_HOME>\weblogic700\samples\portal\sampleportalDomain\beaApp s\sampleportal\NewPortalWebApp\portlets.
```

Figure 1-25	<b>Resource File</b>	s Location page
ingui ci i i i i i i i i i i i i i i i i i	itesource i nes	5 Docution puge



11. Click **Next**. The Summary window, Figure 1-26, shows the files that the Portlet Wizard will create.

🞁 Portlet Wizard [BasicPortlet]	×
1. Portlet Name 2. Portal Pages 3. Portlet Components	Summary
4. Content Types 5. Resource Files Location 6. Summary	The following files will be created/modified.
7. Next Steps	File List:
	c:\bea\weblogic700\samples\portal\sampleportaldomain\b c:\bea\weblogic700\samples\portal\sampleportaldomain\b c:\bea\weblogic700\samples\portal\sampleportaldomain\b c:\bea\weblogic700\samples\portal\sampleportaldomain\b
	Copy to Clipboard
	< Back Create Cancel

Figure 1-26 Summary page of the Portlet Wizard

12. Click **Create**. The Wizard runs for a few moments while it creates the files, then the Next Steps page appears (Figure 1-27).

Sector (Basic Portiet)	×
1. Portlet Name 2. Portal Pages 3. Portlet Components	Next Steps
4. Content Types 5. Resource Files Location 6. Summary	The portlet files were successfully created.
7. Next Steps	What would you like to do next?
	Edit the associated portal definition.
	Edit this portlet definition.
	To view the portlet:
	<ol> <li>Synchronize the project to place the portlet and portal definitions on the server.</li> </ol>
	<ol><li>Set the portlet's Visible and Available attributes via the portal administration pages.</li></ol>
	Read about related tasks.
	Close

Figure 1-27 Next Steps page of the Portal Wizard

- 13. Make sure both options are deselected and click Close.
- Synchronize the portal project. Click the Synchronize button on the E-Business Control Center toolbar, shown in Figure 1-28. The Synchronizing Application window appears.

#### Figure 1-28 The Synchronize button in the E-Business Control Center



15. The E-Business Control Center synchronizes the data you created in the Portlet Wizard. When the message "Synchronization Finished" appears (Figure 1-29), click **Close**. The Reset Campaign States window appears.

Figure 1-29 Synchronization Is Complete



16. In the Reset Campaign States window, click Cancel.

To allow a visitor to see this portlet from the browser, it must be designated as visible and available using the WebLogic Portal Administration Tools. You will perform this task in the next step.

## Step 3B: Make the New Portlet Visible

The new portlet is now on the server, but must be made available using the WebLogic Portal Administration Tools.

1. In your Web browser, navigate to the following URL:

http://localhost:7501/sampleportalTools.

The Logon prompt appears, as shown in Figure 1-30.

#### Figure 1-30 Logon Prompt

Username a	nd Password Required	X
Enter userna	me for weblogic at localhost:7501:	
User Name:	administrator	
Password:	******	
	OK Cancel	

- 2. Log in, the default username and password is administrator/password. The WebLogic Portal Administration Tools Home page appears.
- 3. Click the icon on the **Portal Management** bar, as shown in Figure 1-31. The Portal Management Home page appears.



Figure 1-31 WebLogic Portal Administration Tools Home page

4. In the Portal Management Home page, click **Default Portal**, as shown in Figure 1-32. The Group Portal Management home page appears.

Figure 1-32 Portal Management Home page



5. In the Group Portal Management Home page, click **Manage Pages and Portlets** (Figure 1-33). The Pages and Portlets page appears.

#### Figure 1-33 Group Portal Management home



6. In the Pages and Portlets page, locate the page "Home" under Available Pages and click **Edit Portlets** (Figure 1-34). The Edit Portlet Entitlements and Attributes page appears.

Portal Management Tools BEA WebLogic Por	tal 📫 🖷 ? 👔 💼
Portal Management Group Portal Mgmt. Pages & Portlets	Pages and Portlets For each page in the "Available Pages" list, click the "Layouts" link to manage layouts, click the "Attributes" link to change the page's attributes, click the "Entitements" link to change the page's entitements, click the "Edit Portlets" link to change the attributes and/or entitements for the portlets belonging to that page, or click the "Positon Portlets" link to arrange the page's portlets on the default layout. Click the "Select and Order Pages" link to select and order pages for this group portal. Click the "Set Attributes For Multiple Pages" link to set attributes common to multiple pages. Click the "Edit Layout Display Names" link to edit Jayout display names for the group portal.
Current Group Portal Attributes	An asterisk (*) denotes the default home page.
Portal Application: NewPortalWebApp Group Portal Name:	Available Pages
default Associated User Group: everyone	*home (Leyouts) (Attributes) (Entitlements) (Edit Portlets) (Position Portlets)
	My Page Attributes
	(+ Back)

#### Figure 1-34 Pages and Portlets page

7. In the Edit Portlet Entitlements and Attributes page, select the portlet "BasicPortlet" and click the **Set Attributes** button (Figure 1-35). The Set Portlet Attributes page appears.

Portal Management Tool BEA WebLogic Po	rtal 🔮 🛤 ? 🏹
Portal Management	Edit Portlet Entitlements and Attributes: home To set entitlements or attributes for a portlet on this page, select the portlet from the "Portlets" list. Then click "Set Entitlements or "Set Attributes".
Group Portal Mgmt.	
🗰 Pages & Portlets	Portlets
🗔 Skins 🗊 Group Portal Attributes	Portlet1 BasicPortlet
Current Group Portal Info (Default Group Portal)	
Portal Application: NewPortalWebApp	
Group Portal Name: default	
Associated User Group: everyone	
	Selected Portlet: Set Attributes
	(Set Entitlements)

Figure 1-35 Edit Portlet Entitlements and Attributes page

8. Set the Portlet's attributes to Visible and Available, as shown in Figure 1-36.

Figure 1-36 Set Portlet Attributes



9. Click Save.

## Step 3C: View the Results in a Web Browser

To view the new portlet in a Web browser, do the following:

1. Open a browser and navigate to:

http://localhost:7501/NewPortalWebApp/index.jsp.

The result should resemble that shown in Figure 1-37.



Figure 1-37 Viewing the New Portlet

## Step 4: Update the Look and Feel of the Portal

In this section of the tutorial, you will add some "look and feel" characteristics to your new portal, such as new *skins* and *layouts* (existing resources that affect the appearance of portals and portlets). This task consists of the following steps:

Step 4A: Make Skins and Layouts Available for Use in a Portal

Step 4B: Create the New Page

Step 4C: Synchronize the Modified Portal

Step 4D: Add New Skins, Layouts, and Portlets

Step 4E: View the Modified Portal

# Step 4A: Make Skins and Layouts Available for Use in a Portal

In this step you will make existing skins and layouts available for use in your portal.

- 1. In the Explorer window of the E-Business Control Center, click the **Presentation** tab.
- **Note:** If you closed the E-Business Control Center, you need to restart it and open the sampleportal project file. See steps 1 through 4 of Step 2A: Create and Deploy the Portal on page 3 for the procedure.
- 2. Click the **Portals** icon, and select the Portal you created. In this example, select: "NewPortalWebApp: ThisNewPortal". (See Figure 1-38.)

#### Figure 1-38 Your New Portal

Retrieved list of Portals.							
Explorer [Presentation]							×
₽- 🖻 🗙							
Name Filter (partial names	allow	ed)					
					÷	<u>1</u>	
	Porta	ls					
©zo	:28	NewPorta	WebApp: 1	ThisN	ewPo	ortal	
<u>91</u>							
Entitlement Segments							
<u>1</u>							
Content Selectors							
Content Celectors							
Placeholders							
Portais							
G.							
Portiets							

3. Double-click the selected portal. The Editor for ThisNewPortal appears.

4. Click the General bar then click the Skins tab, as shown in Figure 1-39.

📽 Editor [Portal: ThisNewPortal *]		_ 8 ×
		<u> </u>
<u>G</u> eneral		⇒
Description: (optional)		
Tutorial portal	Vertical Navigation Bar LIRL: (ontional)	
	/framework/ynav_bar.jsp	
	,	
Content URL:	Horizontal Navigation Bar URL: (optional)	
//framework/page.jsp	/framework/hnav_bar.jsp	
Header URL: (optional)	Portal Webflow:	
/framework/header.jsp	portal	<u> </u>
Footer URL: (optional)		
//framework/footer.jsp		
Skins Lavouts Portlets Liser Profiles		
		1
Available skins:	Selected skins:	
brightlight	Add >>> blueinfinity	
coologic		
tuturism	<< Remove	
lumereorange		
Pages		•
Portal pages: nome		

#### Figure 1-39 Editor for ThisNewPortal

- 5. In the **Available skins** list, select the **coologic** skin, and click **Add** to move it into the **Selected skins** list.
- 6. Click the **Portlets** tab, the Portlets page appears within the Editor (Figure 1-40).

Figure 1-40 Select Portlets tab

Skins Layouts Portlets User Profiles		
Available portlets:	Add >> Add >> Selected portlets: BasicPortlet Bookmarks CompanyProfiles	*

- 7. Select the parent folder for all of the portlets, and click **Add** to add all of the available portlets to the **Selected portlets** list as shown in Figure 1-40.
- 8. Click the Layouts tab, select the fourcolumn layout, and click Add to move it into the Selected layouts list.
- 9. Click the General bar to close the General Editor pane.
- 10. Click the Save icon to save your changes, as shown in Figure 1-41.

#### Figure 1-41 Save Icon

S BEA E-Business Control Center - portalApp-project				
<u>File T</u> ools <u>W</u> indow	<u>H</u> elp			
Opened N Save (Ctrl+S) App: ThisNewPortal.				

Note: Keep the ThisNewPortal editor open.

## Step 4B: Create the New Page

This step assumes you have kept your E-Business Control Center application open after completing the procedures in Step 4: Update the Look and Feel of the Portal on page 27.

**Note:** If you closed the E-Business Control Center, you need to restart it and open the sampleportal project file. See steps 1 through 4 of Step 2A: Create and Deploy the Portal on page 3 for the procedure.

To create a new page in the portal, do the following:

1. Click the Pages bar as shown in Figure 1-42. The Pages pane appears.





2. Click **Add** in the Pages pane. (You may need to scroll right to access the **Add** button.) The Page Definition window appears (Figure 1-43).

Page Definition	X
Portal page name:	Rollover image name: (optional)
Default image name: (optional)	Selected image name: (optional)
Available layouts:	Selected layouts:
threecolumn fourcolumn	Add >> << Remove
Available portlets: Portlets BasicPortlet CompanyProfiles CustomerService Dictionary Email GroupToDo Bylewsletters MytoDo	Add >> Selected portlets:
	Ok Cancel

#### Figure 1-43 Page Definition window

- 3. In the Portal page name field, enter My Page.
- 4. In the Available layouts list, select the **threecolumn** and **fourcolumn** layouts and click **Add** to move them to the Selected layouts list. Selecting more than one layout lets you switch between these layouts later.
- 5. In the **Available portlets** list, select **BasicPortlet** and use the arrow to move it to the **Selected portlets** list. The BasicPortlet is now available to the portal page "My Page".
- 6. Verify that the window looks like Figure 1-44, then click OK.

Ay Page	Rollover ima	ge name: (optional)
efault image name: (optional)	Selected ima	age name: (optional)
vailable layouts:		Selected layouts:
	Add >> << Remove	threecolumn fourcolumn
vailable portlets: 이 Portlets 앱 Bookmarks 앱 CompanyProfiles 앱 CustomerService	 Add >> << Remove	Selected portlets: I Selected Portlets 바람 BasicPortlet
- 増売 Dictionary - 増売 Email - 増売 GroupToDo - 増売 MyNewsletters - 増売 MyToDo		

Figure 1-44 Page Definition Page After Making Changes

7. On the E-Business Control Center tool bar, click the **Save** icon as shown in Figure 1-45.

#### Figure 1-45 Save Icon

BEA E-Business Control Center - portalApp-project					
<u>F</u> ile <u>T</u> ools <u>W</u>	indow <u>H</u> elp				
	<b>(</b> 🗊 🔲				
Opened N <sub>Save (Ctrl+S)</sub> App: ThisNewPortal.					

Note: Keep the E-Business Control Center Open.

## **Step 4C: Synchronize the Modified Portal**

To use the new portal configuration, you must synchronize the E-Business Control Center data stored on your hard drive to the server.

- In the E-Business Control Center, make sure your synchronization settings are correct. Choose Tools > Project Settings. The Project Settings window appears (Figure 1-46).
- **Note:** If you closed the E-Business Control Center, you need to restart it and open the sampleportal project file. See steps 1 through 4 of Step 2A: Create and Deploy the Portal on page 3 for the procedure.

#### Figure 1-46 Project Settings Window

N Project Settings	×
General Connections Synchronization	
Project Name: sampleportal-project	
Location: C:\bea\weblogic700\samples\portal\sampleportalDomain\beaApps\sampleportal-projec	t
Description: (optional)	
Default EBCC Project for sampleportal	
Select the path to the root directory of your enterprise application. This directory will serve as a base path for writing files to your Web applications. Application Root Directory: C:tbeatweblogic700\samples\portal\sampleportalDomain\beaApps\sa Browse	]
OK Cancel	

- 2. Make sure the following project settings are correct:
  - a. On the General tab, make sure your Application Root Directory path is set to <BEA\_HOME>\weblogic700\samples\portal\sampleportalDomain\ beaApps\sampleportal.
  - b. On the Connections tab, click **Edit Connections**, select the **Default** connection, then click **Edit**. The Connection Details window appears, as shown in Figure 1-47.

📢 Connection Details 🛛 💌
Display Name:
Default
Application Name:
portalApp
The name must match an application on the server.
Server:
http://localhost:7501
(e.g. http://testserver:7501)
OK Cancel Advanced *

#### Figure 1-47 Connection Details

- c. Make sure the **Application Name** field reads "sampleportal", and that the **Server** field reads "http://localhost:7501".
- d. Click **OK** in the Connection Details and then the Edit Connections window.
- e. On the Synchronization tab, deselect Validate the project and Show reset options for active campaigns. Click OK.
- 3. On the E-Business Control Center tool bar, click the **Synchronize** button. The E-Business Control Center will run the necessary processing tasks, as shown in Figure 1-48.

#### Figure 1-48 Synchronization in Progress

📢 Synchronizing Application portalApp	×
Synchronizing Data to http://localhost:7501	
64%	
Document : /portlets/Portlet1.portlet	
	Stop

4. When the Synchronizing Application window shows that synchronization is complete, click **Close**, as shown in Figure 1-49.

#### Figure 1-49 Synchronization Complete



5. Close the E-Business Control Center.

## Step 4D: Add New Skins, Layouts, and Portlets

Now that you have modified the portal to include new skins, layouts, and a portal page with a portlet, you will use these resources to make live modifications to the portal with the WebLogic Portal Administration Tools. To make these modifications, you will log in as the portal administrator you created in the previous procedure (**portaladmin** in this example).

- **Note:** If you did not close your Portal Administration tools previously, click the **Home** icon and skip to step 3.
- 1. In your Web browser, navigate to the following URL:

http://localhost:7501/sampleportalTools

The login prompt appears, as shown in Figure 1-50.

#### Figure 1-50 WebLogic Portal Administration Tools Login prompt

Username and Password Required		
Enter username for weblogic at localhost:7501:		
User Name: administrator		
Password: XXXXXXXX		
OK Cancel		

2. Log in to the tools. The default username and password combination is administrator/password.

 In the Administration Tools Home page, click the icon on the Portal Management bar. The Portal Management Home page appears (Figure 1-51).

#### Figure 1-51 Portal Management Home Page



4. On the Portal Management Home page, click **Default Portal.** The Group Portal Management Home page appears (Figure 1-52).



Figure 1-52 Group Portal Management Home page

5. Click Select Skins (Figure 1-53). The Select Skins page appears:

Figure 1-53 Select Skins page

Select Skins To move a skin between the "Unused" and "Available" lists, select the skin click the right or left arrow button. To change the default skin, select a ski "Available Skins" list and click the "Set as Default" button. To change skin display names, click the "Edit Skin Display Names" button button will also save the "Available Skins" list. Edit Skin Display Names					
Unused Skins		Available Skins			
	<b>1</b>	blueinfinity <sup>★</sup> coologic			
👍 Back 🔠 Save		B Set as default Default Skin: coologic			

- 6. On the Select Skins page, in the **Unused Skins** list, move the **coologic** skin into the **Available Skins** list.
- 7. With **coologic** selected in the **Available Skins** list, click the **Set as Default** button below the list to make **coologic** the default skin, as shown in Figure 1-53.
- 8. Click Save. You are returned to the Group Portal Management Home page.
- 9. Click the Manage Pages and Portlets link.
- On the Pages and Portlets page, locate My Page in the Unused Pages list and click Attributes, as shown in Figure 1-54. The Set Page Attributes window appears.

#### Figure 1-54 Pages and Portlets page

Portal Management Tools BEA WebLogic Por	rtal 🔮 💷 ? 🚺 🔂
Portal Management Group Portal Mgmt. Pages & Portlets Skins Skins Sroup Portal Attributes	Pages and Portlets For each page in the "Available Pages" list, click the "Layouts" link to manage layouts, click the "Attributes" link to change the page's attributes, click the "Entitlements" link to change the page's entitlements, click the "End Portlets" link to change the attributes and/or entitlements for the portlets belonging to that page, or click the "Position Portlets" link to arrange the page's portlets on the default layout. Click the "Select and Order Pages" link to select and order pages for this group portal. Click the "Sel Attributes For Multiple Pages" link to set attributes common to multiple pages. Click the "Edit Layout Display Mames" link to edit layout display names for the group portal. An asterisk (") denotes the default home page.
Current Group Portal Info (Default Group Portal)	ø <sup>r</sup> Select and Order Pages ø <sup>r</sup> Set Attributes For Multiple Pages ⊞ Edit Lavout Display Names
Portal Application: NewPortalWebApp Group Portal Name: default	Available Pages
Associated User Group: everyone	*home Levous Attributes Entitlements Edit Portlets Position Portlets
	My Page (Attributes)

- 11. In the Set Page Attributes window, select the following options, as shown in Figure 1-55.
  - Available: Check this box to make the page available to the visitor.
  - Visible: Check this box to make the page visible to the visitor by default.
  - Visitor Editable Name: Check this box so that the page name can be modified by a visitor when they personalize their portal.

• Use Image: Check this box so that an image will be used to display the page name (otherwise, the above display name will be used).

Figure 1-55 Set Page Attributes

🗿 Portal Management - Set Page Attributes - Microsoft Internet Explorer 📃 🛛 🗙						
File Edit View Favorites Tools Help						
↓ Back • → - 🙆 🖉 🖧 🔞 Search 👔 Favorites 🛞 Media 🎯 🖏 🚽 🖆 🗹 • 🗐 🖓 🏷						
Address 🕘 portal&origin=manage_portal_pages.jsp&event=link.page_attr&portalPageName=My%20Page&selectedPages=My%20Page 💌 🔗 Go 🛛 Links 🏾						
Portal Management Tools BEA WebLogic Portal						
Portal Management	Set Page Attri To set attributes for "Save".	ibutes: My Page in the selected page(s), ec	lit values below. To ap	oly the changes, click		
Group Portal Mgmt.						
🗰 Pages & Portlets	Available					
Skins	A.2. 11.1	_				
ur Group Portal Attributes	Visible					
	Mandatory					
Current Group Portal Info (Default Group Portal)	Display Name	My Page	]			
Portal Application: NewPortalWebApp	Visitor Editable Name	r L	(If checked page r modified by users	ame can be .)		
Group Portal Name: default	Use Image		(Use image to dis If unchecked, the c	play page name. Iisplay name will		
Associated User Group: everyone			be used.)			
(+ Back) (# Save						
Done				Local intranet		

- 12. Click **Save**. You return to the Pages and Portlets page. Notice that **My Page** now appears in the **Available Pages** list.
- Next to My Page, click Layouts. On the Select Page Layouts page, move fourcolumn from the Unused Layouts list to the Available Layouts list and click Save.
- 14. Next to My Page, click Edit Portlets. In the Portlets list, select BasicPortlet and click Set Attributes.
- 15. On the **Set My Page Portlet Attributes** page, set the following options, as shown in Figure 1-56:

- Available: Check this box to make the portlet available to the visitor.
- Visible: Check this box to make the portlet visible to the visitor by default.
- Change the **Display Name** to **Renamed Portlet**.

#### Figure 1-56 Set Page Portlet attributes

🚰 Portal Management - Set My Page Portlet Attributes - Microsoft Internet Explorer 📃 🔲 🗙				
File Edit View Favorites Tools Help				
↔ Back • → - 🙆 🖗 🖓 🔞 Search 🙀 Favorites 🛞 Media 🎯 🖏 • 🎒 🗹 - 🗐 🖓 🏷 🖳				
Address 🕘 http://zugzwang:750	1/portalAppTools/application	💌 🧬 Go Links »		
Portal Management Tools BEA WebLogic Portal				
Portal Management	Set My Page Po	rtlet Attributes: BasicPortlet		
	click "Save".	e selected portiet(s), edit values below. To apply the changes,		
Group Portal Mgmt.				
Skins				
📽 Group Portal Attributes	Available			
	Visible	2 J		
Current Crown Dortal Info	Minimizable	<u>ञ</u>		
(Default Group Portal)	Maximizable			
Portal Application: NewPortalWebApp	Default Minimized			
Group Portal Name: default	Mandatory			
Associated User Group: everyone	Display Name	Renamed Portlet		
Done	🕁 Back) 📳 Sa	ve		

16. Click **Save**, then click **Back** at the bottom of the next page that appears. You are returned to the Pages and Portlets page.

## **Step 4E: View the Modified Portal**

To view the modifications you have just made as a visitor would see them:

In a browser, go to:

http://localhost:7501/NewPortalWebApp/index.jsp.

Figure 1-57 shows the modified portal. Click the new "My Page" tab to view the renamed portlet.

🚈 default - Microsoft Internet Explorer	
File Edit View Favorites Tools Help	10
↔ Back • → - ② 🗿 🚰 ③Search 📾 Favorites ④Media 🎯 🖏• 🎒 🗹 📃 🌻 🏷	8
Address 🕘 wMxxsTGnY1GEp9LPu0p1-689396239?origin=hnav_bar.jsp&event=bea.portal.framework.internal.refr	esh&pageid=My+Page 💌 🔗 Go 🛛 Links »
	×
	login
Home My Page	
🗢 Renamed Portlet 🗧	
These are the portlet contents	
Built On Copyright © 2000-2002 by BEA Systems	
<u>19</u>	Local intranet

Figure 1-57 Viewing the Modified Portal

## **Congratulations!**

You've created your first portal. You have:

- Created and deployed a new portal
- Added a page called **My Page** to the portal
- Added a portlet to the new portal page with a renamed title
- Changed the default skin used in the portal
- Added a layout to the portal page that you can later switch to

Now that you have successfully created a portal and the resources to go with it, you are ready to advance to the other tasks that WebLogic Portal provides:

- Want to learn more about the tools. WebLogic Portal provides to developers, and how to use them? Refer to the *Development Guide* at http://edocs.bea.com/wlp/docs70/dev/index.htm.
- If you're not a developer but will be assembling portals with WebLogic Portal, you can learn more about how to use the powerful administration tools in the *Administration Guide* at http://edocs.bea.com/wlp/docs70/admin/index.htm.
- To go back to the main WebLogic Portal documentation page where you started this tutorial, just go to http://edocs.bea.com/wlp/docs70/index.htm. On that page, you can see both the *Administration Guide* and *Development Guide*, as well as other useful information like the *Migration Guide*, supported platforms, and several tours of different aspects of WebLogic Portal.
- Creating a portal site is only a small part of using the WebLogic Portal platform. See the *Administration Guide* at http://edocs.bea.com/wlp/docs70/admin/index.htm to learn how you can provide personalized access to the portals by creating group portals for your portal site. This allows for reuse of portal resources that are part of the portal web application and the ability to create role and business-specific portals for your enterprise's internal and external users.

Whether you need to have an internal human resources portal that is accessible from your Intranet of a supplier portal that is accessible from your Internet site WebLogic Portal can support your enterprise's needs because of it's multi-portal architecture.