BEA WebLogic Portlets for Groupware Integration™®

Installation Guide

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Installation

Overview

This guide is intended for portal developers and administrators who need to install WebLogic Portlets for Groupware Integration. This product can be installed either with an installer or manually. The following sections explain the necessary procedures to successfully install this product on the various supported platforms:

- Prerequisites
- Installing on Windows
- Installing on UNIX
- Installing Manually

Documentation Syntax Conventions

The Windows convention of "\" as a path separator is used wherever necessary. UNIX users and users of other operating systems should translate these paths and variables accordingly.

Also, because system software and configurations can vary from one system to another, portions of the command syntax displayed in this document may include sample parameters or variables that represent the actual command syntax you would need to enter. These entries are indicated by

parameters in uppercase placed between percent signs (%PARAMETER%), and include the following:

Parameter	Definition
%COMPOZE_HOME%	The complete directory specification for the product. For example: c:\Program Files\compoze
%BEA_HOME%	The complete directory specification for the installation directory of the BEA WebLogic Platform 8.1. For example: d:\bea
%APP_HOME%	The complete directory specification for a BEA WebLogic Platform 8.1 Portal Application. This directory contains subdirectories such as APP-INF/lib and META-INF. For example: d:\bea\user_projects\applications\groupwareApp
%PROJECT_HOME%	The complete directory specification for a BEA WebLogic Platform 8.1 Portal Web Project. This directory is a subdirectory of the %APP_HOME% directory and contains subdirectories such as WEB-INF and framework. For example: d:\bea\user_projects\applications\groupwareApp\groupwareProject

Prerequisites

- Before running the installer application that ships with WebLogic Portlets for Groupware Integration, an appropriate version of the Java 2 SDK, Standard Edition must be installed on the machine. The installer requires that Java 1.3.1 or better. JDK 1.3 is available for download at http://java.sun.com/j2se/1.3/download.html.
- A basic understanding of BEA WebLogic Platform 8.1 and Java is assumed.

Installing on Windows

1. Obtain the Windows installer for WebLogic Portlets for Groupware Integration (groupware_portlets_bea81-win-25.zip).
2. Uncompress and extract the downloaded file into a temporary directory; for example: c:\groupware_portlets_install. You will extract three files:
    - install.exe

- `readme.html`

3. From the temporary directory, start the installer by double-clicking on `setup.exe` file. The **InstallAnywhere** screen opens and begins preparing the installation.
4. Read through the introduction, and click **Next**. You will be able to exit the installation at anytime by clicking **Cancel**. You will also be able to go back a screen by clicking **Previous** when available.
5. Read through the license agreement, and select an option:
   - Select **I accept the terms of the License Agreement** to continue with the installation.
   - Select **I do NOT accept the terms of the License Agreement** to terminate the installation.
6. Click **Next**.
7. Select the directory where WebLogic Portlets for Groupware Integration will be installed. By default, `c:\Program Files\compoze` is chosen. You may change this by entering in the directory or by clicking **Choose** and selecting a different directory. This directory will be known as `%COMPOZE_HOME%`.
8. Click **Next**.
9. Select the directory where the BEA WebLogic Platform 8.1 is installed. By default, the home directory of the latest installation of the BEA WebLogic Platform 8.1 is chosen. You may change this by entering in the directory or by clicking **Choose** and selecting a different directory. This directory will be known as `%BEA_HOME%`.
10. Click **Next**.
11. Select the BEA WebLogic Platform 8.1 portal type into which WebLogic Portlets for Groupware Integration will be installed into. By default, a sample portal application is installed along with the BEA WebLogic Platform 8.1. You may choose to install WebLogic Portlets for Groupware Integration into the sample portal application or into a custom portal application which has been created in addition to the default BEA WebLogic Platform 8.1 installation. By default, **Custom Portal Application** is selected. You may change this by clicking on the **Sample Portal Application** radio button.
    - Selecting **Custom Portal Application** allows you to select the location of the portal application and the portal web project.

- Selecting **Sample Portal Application** defaults the location of the portal application and portal web project to the location of the sample portal application and sampleportal portal web project.

12. Click **Next**.
13. If you have selected **Sample Portal Application**, skip to step 16.
14. Select the directory where a custom portal application exists. The portal application directory contains directories such as `APP-INF\lib` and `META-INF`. By default, the `%BEA_HOME%\user_projects` directory is chosen. You may change this by entering in the directory or by clicking **Choose** and selecting a different directory. This directory will be known as `%APP_HOME%`.
15. Click **Next**.
16. Choose the product features to install. You have two options:
    - **Typical** (default) — This option installs the full product (portlets, API, documentation, etc.).
    - **Custom** — This option allows you to customize the features to be installed.
17. Click **Next**.
18. If you selected **Custom** from step 16, the screen to customize the installation appears. Select which components you would like to install, and click **Next**.
19. If you have selected **Sample Portal Application**, skip to step 22.
20. Select the directory where a custom portal web project exists. The portal web project directory contains directories such as `WEB-INF` and `framework`. This directory must be a subdirectory of the portal application that you have chosen in step 14. You may change this by entering in the directory or by clicking **Choose** and selecting a different directory. This directory will be known as `%PROJECT_HOME%`.
21. Click **Next**.
22. Choose the option to create the Program Group in the **Programs** group of the **Start Menu**.
23. Read the installation summary information before continuing. This summary contains information such as the installation directory, features chosen, the amount of disk space required, and so on.
24. Click **Install** to begin the installation of the product.

25. Once the installation is complete, click **Next**.
26. Choose whether the Start here!, Read Me, or Change Log pages will be displayed in the default web browser after the installer exits. This option is only presented if you have chosen to install the Documentation feature during step 16.
    - The Start here! page found at `%COMPOZE_HOME%\groupware_portlets_bea-2.5\8.1\docs\index.html`. This page provides a summary of the API and links to the included documentation.
    - The Read Me page found at `%COMPOZE_HOME%\groupware_portlets_bea-2.5\8.1\readme.html`. This page contains system requirements and pre-installation considerations.
    - The Change Log page found at `%COMPOZE_HOME%\groupware_portlets_bea-2.5\8.1\docs\changelog\changelog.html`. This page lists the changes made between versions.
27. Click **Next**.
28. Read the **Installation Complete** information, and click **Done** to quit the installer.
29. Deploy the portlet(s) in the portal by adding them to the `.portal` file.

Note: If a problem occurs during the installation, hold down the control key while starting the installer until a console appears. You will see output that explains the problem in more detail. If you are still having problems with the installer, send this output along with a description of the problem to support.

Installing on UNIX

1. Obtain the UNIX installer of WebLogic Portlets for Groupware Integration (`groupware_portlets_bea81-unix-25.zip`).
2. Uncompress and extract the downloaded file into a temporary directory, for example, `/groupware_portlets_install`. You will extract three files:
    - `install.bin`
    - `readme.html`
3. The installer can be triggered in two modes:
    - **Graphical Mode** — The Graphical Installer is can be triggered by double-clicking on the `setup.bin` executable from a window manager or by running the `sh setup.bin` command from a command prompt (see "Using the Graphical Installer Mode" on page 6).

- **Console Mode** — The Console Installer can be triggered by running the `"sh setup.bin -i console"` command from a command prompt (see "Using the Console Installer Mode" on page 8).

Note: You may have to change execute permissions on `setup.bin` by executing `chmod 755 setup.bin`.

The InstallAnywhere screen opens and begins preparing the installation.

Using the Graphical Installer Mode

1. Read through the introduction and click **Next**. You will be able to exit the installation at anytime by clicking on **Cancel**. You will also be able to go back a screen by clicking **Previous** when available.
2. Read through the license agreement and select an option:
   - Select **I accept the terms of the License Agreement** to continue with the installation.
   - Select **I do NOT accept the terms of the License Agreement** to terminate the installation.
3. Click **Next**.
4. Select the directory where WebLogic Portlets for Groupware Integration will be installed. By default, `/compoze` is chosen. You may change this by entering in the directory or by clicking **Choose** and selecting the directory. This directory will be known as `%COMPOZE_HOME%`.
5. Click **Next**.
6. Select the directory where the BEA WebLogic Platform 8.1 is installed. By default, the home directory of the latest installation of the BEA WebLogic Platform 8.1 is chosen. You may change this by entering in the directory or by clicking **Choose** and selecting a different directory. This directory will be known as `%BEA_HOME%`.
7. Click **Next**.
8. Select the BEA WebLogic Platform 8.1 portal type into which WebLogic Portlets for Groupware Integration will be installed into. By default, a sample portal application is installed along with the BEA WebLogic Platform 8.1. You may choose to install WebLogic Portlets for Groupware Integration into the sample portal application or into a custom portal

application which has been created in addition to the default BEA WebLogic Platform 8.1 installation. By default, **Custom Portal Application** is selected. You may change this by clicking on the **Sample Portal Application** radio button.

- Selecting **Custom Portal Application** will allow you to select the location of the portal application and the portal web project.
- Selecting **Sample Portal Application** defaults the location of the portal application and portal web project to the location of the sample portal application and sampleportal portal web project.

9. Click **Next**.
10. If you have selected **Sample Portal Application**, skip to step 13.
11. Select the directory where a custom portal application exists. The portal application directory contains directories such as `APP-INF/lib` and `META-INF`. By default, the `%BEA_HOME%/user_projects` directory is chosen. You may change this by entering in the directory or by clicking **Choose** and selecting a different directory. This directory will be known as `%APP_HOME%`.
12. Click **Next**.
13. Choose the product features to install. You have two options:
    - **Typical** (default) — This option installs the full product (portlets, API, documentation, etc.).
    - **Custom** — This option allows you to customize the components to be installed.
14. Click **Next**.
15. If you selected **Custom** from step 13, the screen to customize the installation appears. Select which components you to install and click **Next**.
16. If you have selected **Sample Portal Application**, skip to step 19.
17. Select the directory where a custom portal web project exists. The portal web project directory contains directories such as `WEB-INF` and `framework`. This directory must be a subdirectory of the portal application that you have chosen in step 11. You may change this by entering in the directory or by clicking **Choose** and selecting a different directory. This directory will be known as `%PROJECT_HOME%`.
18. Click **Next**.

19. Read the installation summary information before continuing. This summary contains information such as the installation directory, features chosen, the amount of disk space required, etc.
20. Click **Install** to begin the installation of the product.
21. Once the installation is complete, click **Next**.
22. Choose whether the Start here!, Read Me, or Change Log pages will be displayed in the default web browser after the installer exits. This option is only presented if you have chosen to install the Documentation feature during step 13.
    - The Start here! page found at `%COMPOZE_HOME%/groupware_portlets_bea-2.5/8.1/docs/index.html`. This page provides a summary of the API and links to the included documentation
    - The Read Me page found at `%COMPOZE_HOME%/groupware_portlets_bea-2.5/8.1/readme.html`.This page contains system requirements and pre-installation considerations.
    - The Change Log page found at `%COMPOZE_HOME%/groupware_portlets_bea-2.5/8.1/docs/changelog/changelog.html`. This page lists the changes made between versions.
23. Click **Next**.
24. Read the **Installation Complete** information and click **Done** to quit the installer.
25. Deploy the portlet(s) in the portal by adding them to the `.portal` file.

Note: If a problem occurs during the installation, hold down the control key while starting the installer until a console appears. You will see some output that explains the problem in more detail. If you are still having problems with the installer, send this output along with a description of the problem to support.

Using the Console Installer Mode

1. Read through the introduction and press the **Enter** key. You will be able to exit the installation at anytime by typing **Quit**. You will also be able to go back a screen by typing **Previous** at any screen of the installer.
2. Read through the license agreement and select an option:
    - Typing **Y** will allow you to continue with the installation.
    - Typing **N** will terminate the installation.

3. Press the **Enter** key.
4. Enter the directory WebLogic Portlets for Groupware Integration will be installed to. By default, `/compoze` is chosen. You may change this by typing the name of another directory. This directory will be known as `%COMPOZE_HOME%`.
5. Press **Enter** key.
6. Enter the path to directory where the BEA WebLogic Platform 8.1 is installed. This directory will be known as `%BEA_HOME%`.
7. Press the **Enter** key.
8. Select the BEA WebLogic Platform 8.1 portal type into which WebLogic Portlets for Groupware Integration will be installed into. By default, a sample portal application is installed along with the BEA WebLogic Platform 8.1. You may choose to install WebLogic Portlets for Groupware Integration into the sample portal application or into a custom portal application which has been created in addition to the default BEA WebLogic Platform 8.1 installation. By default, **Custom Portal Application** is selected. You may change this by clicking on the **Sample Portal Application** radio button.
    - Selecting **Custom Portal Application** will allow you to select the location of the portal application and the portal web project.
    - Selecting **Sample Portal Application** will default the location of the portal application and portal web project to the location of the sample portal application and sampleportal portal web project.
9. Press the **Enter** key.
10. If you have selected **Sample Portal Application**, skip to step 13.
11. Enter the directory where a custom portal application exists. The portal application directory contains directories such as `APP-INF/lib` and `META-INF`. By default, the `%BEA_HOME%/user_projects` directory is chosen. You may change this by entering in another directory. This directory will be known as `%APP_HOME%`.
12. Press the **Enter** key.
13. Choose the product features to install. You have two options:
    - **Typical** (default) — This option installs the full product (API, documentation, examples, and so on.).
    - **Custom** — This option allows you to customize the components to be installed.

14. Press the **Enter** key.
15. If you selected **Custom** from step 13, the screen to customize the installation appears. Select which components you to install and press the **Enter** key.
16. If you have selected "Sample Portal Application", skip to step 19.
17. Enter the directory where a custom portal web project exists. The portal web project directory contains directories such as `WEB-INF` and `framework`. This directory must be a subdirectory of the portal application that you have chosen in step 11. You may change this by entering in another directory. This directory will be known as `%PROJECT_HOME%`.
18. Press the **Enter** key.
19. Read the installation summary information before clicking **Install**. This summary will contain information such as the installation directory, features chosen, the amount of disk space required, etc.
20. Press the **Enter** key to begin the installation of the product.
21. Once the installation is complete, press the **Enter** key.
22. Choose whether the Start here!, Read Me, or Change Log pages will be displayed in the default web browser after the installer exits. This option is only presented if you have chosen to install the Documentation feature during step 13.
    - The Start here! page found at `%COMPOZE_HOME%/groupware_portlets_bea-2.5/8.1/docs/index.html`. This page provides a summary of the API and links to the included documentation
    - The Read Me page found at `%COMPOZE_HOME%/groupware_portlets_bea-2.5/8.1/readme.html`. This page contains system requirements and pre-installation considerations.
    - The Change Log page found at `%COMPOZE_HOME%/groupware_portlets_bea-2.5/8.1/docs/changelog/changelog.html`. This page lists the changes made between versions.
23. Press the **Enter** key.
24. Read the **Installation Complete** information and press the **Enter** key to quit the installer.
25. Deploy the portlet(s) in the portal by adding them to the `.portal` file.

Installing Manually

1. Obtain the noinstall version of WebLogic Portlets for Groupware Integration. (`groupware_portlets_bea81-noinstall-25.zip`).
2. Extract the contents of the ZIP bundle into a directory; for example, extract into `c:\compoze`. This is the `%COMPOZE_HOME%` directory. The directory `groupware_portlets_bea-2.5\8.1` under `COMPOZE_HOME` is `COMPOZE_PORTLETS_HOME`.
3. Copy `%COMPOZE_PORTLETS_HOME%\lib\harmony_portets.jar` into the following directories:
   - `%BEA_HOME%\weblogic81\portal\lib\thirdparty\collaboration`
   - `%APP_HOME%\APP-INF\lib`
4. Copy the contents of the `%COMPOZE_PORTLETS_HOME%\portlets` folder into the following `%PROJECT_HOME%\portlets` directory.
5. Add the `CompozeGroupwareAttachmentServlet` servlet definition and mapping to the `%PROJECT_HOME%\WEB-INF\web.xml` file. The sample servlet definition and mapping stub can be found in the `COMPOZE_PORTLETS_HOME\config\web.xml` file.
6. Add the `CompozeGroupwareEmbeddedImageServlet` servlet definition and mapping to the `%PROJECT_HOME%\WEB-INF\web.xml` file. The sample servlet definition and mapping stub can be found in the `COMPOZE_PORTLETS_HOME\config\web.xml` file.
7. Copy the `compoze-portlets-im.tld` tag library descriptor file into the `%PROJECT_HOME%\WEB-INF\` directory. This file can be found in the `COMPOZE_PORTLETS_HOME\web directory.`
8. Add the `compoze-portlets-im.tld` tag library definition entry to the `%PROJECT_HOME%\WEB-INF\web.xml` file. The TLD definition stub can be found in the `COMPOZE_PORTLETS_HOME\config\web.xml` file.
9. Navigate to the `%COMPOZE_PORTLETS_HOME%\skins` directory. Select which skins you wish to install into the portal web project. Each skin directory contains a `css` and an `images` directory. The default WebLogic Portlets for Groupware Integration skins provided in the install bundle with the portal are:
   - `%COMPOZE_PORTLETS_HOME%\skins\Avitek`
   - `%COMPOZE_PORTLETS_HOME%\skins\Classic`
   - `%COMPOZE_PORTLETS_HOME%\skins\Default`

10. Copy the contents of the `css` folder of each skin that you have chosen to install into the appropriate `%PROJECT_HOME%\framework\skins\%SKIN_NAME%\css` directories.
11. Copy the contents of the `images` folder of each skin that you have chosen to install into the appropriate `%PROJECT_HOME%\framework\skins\%SKIN_NAME%\images` directories.
12. Deploy the portlet(s) in the portal by adding them to the `.portal` file.