ORACLE®

Oracle® WebCenter Interaction

Upgrade Guide for Unix and Linux

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About This Guide

This documentation describes how to upgrade to Oracle WebCenter Interaction 10.3 from AquaLogic Interaction 6.5 MP1 on Unix and Linux platforms. It is designed to be a quick reference for users with installation experience, while also providing detailed instructions for users installing for the first time.

This guide is organized as follows:

- This section provides information on the intended audience of this documentation, typographical conventions used in this guide, and a list of other Oracle documentation and resources related to this product.
- *Installation Prerequisites* on page 11 describes software requirements and other prerequisites to installation.
- *Upgrading from AquaLogic Interaction 6.5 MP1 to Oracle WebCenter Interaction 10.3* on page 21 describes how to upgrade Oracle WebCenter Interaction components.

Audience

This documentation is written for the user responsible for installing or upgrading this product. This user must have strong knowledge of the platform operating system, database, web and application servers, and any other third-party software required for installation

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Oracle Documentation and Resources

The following documentation and resources are available from Oracle.

Table 1: Documentation

Resource	Description
Installation Guide for Windows	This guide describes the prerequisites (such as required software) and procedures for installing Oracle WebCenter Interaction 10.3 on Windows machines. It is available on the Oracle Technology Network at *http://download.oracle.com/docs/cd/E13158_01/alui/wci/docs103/index.html*.
Installation Guide for Unix and Linux	This guide describes the prerequisites (such as required software) and procedures for installing Oracle WebCenter Interaction 10.3 on Unix and Linux machines. It is available on the Oracle Technology Network at *http://download.oracle.com/docs/cd/E13158_01/alui/wci/docs103/index.html*.
Upgrade Guide for Windows	This guide describes the prerequisites (such as required software) and procedures for upgrading from AquaLogic Interaction 6.5 MP1 to Oracle WebCenter Interaction 10.3 on Windows machines. It is available on the Oracle Technology Network at *http://download.oracle.com/docs/cd/E13158_01/alui/wci/docs103/index.html*.
Upgrade Guide for Unix and Linux	This guide describes the prerequisites (such as required software) and procedures for upgrading from AquaLogic Interaction 6.5 MP1 to Oracle WebCenter Interaction 10.3 on Unix and Linux machines. It is available on the Oracle Technology Network at *http://download.oracle.com/docs/cd/E13158_01/alui/wci/docs103/index.html*.
Release Notes	The release notes provide information about new features, issues addressed, and known issues in the release. They are available on the Oracle Technology Network at *http://download.oracle.com/docs/cd/E13158_01/alui/wci/docs103/index.html*.

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Resource	Description
Administrator Guide	This guide describes how to manage, maintain, and troubleshoot Oracle WebCenter Interaction. It is available on the Oracle Technology Network at *http://download.oracle.com/docs/cd/E13158_01/alui/wci/docs103/index.html*.
User Guide	This guide describes how end-users browse and interact with Oracle WebCenter Interaction. It is available on the Oracle Technology Network at *http://download.oracle.com/docs/cd/E13158_01/alui/wci/docs103/index.html*.
Online Help	The online help is written for all levels of Oracle WebCenter Interaction users. It describes the user interface for Oracle WebCenter Interaction and gives detailed instructions for completing tasks in Oracle WebCenter Interaction. To access online help, click the help icon.

Table 2: Other Resources

Resource	Description
Oracle Technology Network (OTN)	The Oracle Technology Network is the world's largest community of developers, DBAs, and architects using Oracle products and industry-standard technologies. Every day, members collaborate via OTN to share real-world insight, expertise, and best practices on how to build, deploy, manage, and optimize applications. As a member of the Oracle Technology Network you will enjoy access to software downloads, discussion forums, documentation, wikis, podcasts, blogs, plus much more. Access the Oracle Technology Network at *http://www.oracle.com/technology/index.html*.

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Resource	Description
Oracle Support	The Oracle Support site provides access to all Oracle support resources including online support, software and patches, technical articles, and contact numbers. Access the Oracle Support site at *http://www.oracle.com/support/index.html*.

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Installation Prerequisites

This chapter describes the prerequisites that must be met before you install Oracle WebCenter Interaction.

Software Requirements

This topic describes the software prerequisites for Oracle WebCenter Interaction 10g Release 3 (10.3.0) on Unix and Linux platforms.

The following table summarizes operating system, database, and other software requirements of Oracle WebCenter Interaction. For the most current platform support information, see the Interoperability Matrix in the Product Center at one.bea.com/support.

Component	Requirement
Oracle WebCenter Interaction Host Machine	• AIX 5.3, on POWER, 64–bit* • HP-UX 11i v2 or v3, on Itanium, 64–bit • Oracle Enterprise Linux 4.7 or 5.2 • Red Hat Enterprise Linux ES 4, Update 3, on x86 or ES 5.2, on x86 • Solaris 9** and 10, on SPARC, 64–bit

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Component	Requirement
	• SuSE Enterprise Linux SLES 9 or 10, on x86 *AIX requires these patches: • AIX 5.3 Service pack 5300-05–06 • July 2007 IBM C++ Runtime Environment Component for AIX **Solaris 9 requires these patches • 111711-15 (32-bit Shared library patch for C++) • 111712-15 (64-bit Shared library patch for C++)
Database Server Host Machine	• Oracle 9i (9.2.0.7) in default or Oracle RAC configuration • Oracle 10g (10.1.0.3) and 10g R2 (10.2.0.x and above) in default or Oracle RAC configuration • Oracle 11g (11.1.0.6 and above) in default or Oracle RAC configuration • IBM DB2 UDB 9.5 (on Solaris and AIX, only) **Note:** When deploying Oracle WebCenter Interaction on HP-UX, only Oracle 10g R2 (10.2.0.x and above) is supported.
Web Application Server	**AIX** • IBM WebSphere 6.1 with IBM JDK
	HP-UX • Oracle-BEA WebLogic 9.2 MP1 with Oracle jRockit

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Component	Requirement
	• Oracle-BEA WebLogic 10.0 MP1, MP2, or MP3 with Oracle jRockit • Oracle WebLogic 10gR3 (10.3.0) with Oracle jRockit
	Oracle Enterprise Linux • Apache Tomcat 6.0.14 with Oracle JRockit • Oracle-BEA WebLogic 9.2 MP1 with Oracle JRockit • Oracle-BEA WebLogic 10.0 MP1, MP2, or MP3 with Oracle JRockit • Oracle WebLogic 10gR3 (10.3.0) with Oracle JRockit
	Red Hat Enterprise Linux • Apache Tomcat 6.0.14 with Oracle JRockit • Oracle-BEA WebLogic 9.2 MP1 with Oracle JRockit • Oracle-BEA WebLogic 10.0 MP1, MP2, or MP3 with Oracle JRockit • Oracle WebLogic 10gR3 (10.3.0) with Oracle JRockit
	Solaris • Apache Tomcat 6.0.14 with Oracle jRockit • Oracle-BEA WebLogic 9.2 MP1 with Oracle jRockit • Oracle-BEA WebLogic 10.0 MP1, MP2, or MP3 with Oracle jRockit • Oracle WebLogic 10gR3 (10.3.0) with Oracle jRockit

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Component	Requirement
	SuSE Enterprise Linux • Apache Tomcat 6.0.14 with Oracle JRockit • Oracle-BEA WebLogic 9.2 MP1 with Oracle JRockit • Oracle-BEA WebLogic 10.0 MP1, MP2, or MP3 with Oracle JRockit • Oracle WebLogic 10gR3 (10.3.0) with Oracle JRockit
Virtualization System	**AIX** • IBM Dynamic Logical Partitioning (LPAR)
	HP-UX • None
	Red Hat Enterprise Linux • VMWare ESX 3 and above
	Solaris • Solaris 10 Containers (Zones)
	SUSE Enterprise Linux • VMWare ESX 3 and above
Browser	• Microsoft Internet Explorer 6.0, 6.0 SP1, 6.0 SP2 (on XP), 7.0 (on Vista), or 7.0 SP2 (on XP SP2) • Firefox 2.0 or 3.0 • Safari 2.0

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User and Group Requirements

This topic describes the user and group requirements for Oracle WebCenter products on Unix and Linux platforms.

We recommend that you create a user and group that will own the portal installation. The following table lists recommended values for a user, a group, and Oracle WebCenter directories.

Pre-install Setting	Standard Value	Notes
ALI Group Name	ali	Local group with a fixed ID
ALI User	ali	Local group with a fixed ID
PT_HOME	`/opt/bea/alui`	Owned by ALI user and group

The same values for these users, groups, and directories should be used across all machines hosting portal components. Local users and groups with fixed IDs are recommended. Secure deployments should avoid NIS users for machine security. Using the same local user and group for all Oracle WebCenter services allows an administrator to lock down host machines and audit activity.

For convenience, `preinstall.sh`, a script to create users, groups and directories, is provided with the distribution. For details on running the pre-install script, see *Running the Unix Pre-Install Script* on page 15.

You must also grant this user and group access rights to the Oracle Inventory directories. For details, see *Granting User and Group Access Rights to Oracle Inventory Directories* on page 16.

Running the Unix Pre-Install Script

This topic describes how to use the pre-install script to create users and groups for Oracle WebCenter Interaction on Unix and Linux.

The `preinstall.sh` script creates a user, a group and directories with permissions appropriate for a Oracle WebCenter Interaction installation on Unix. The script is interactive, asking you a series of questions about the values to be configured.

1. Review the `preinstall.sh` script.

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2. Log in as root to become **superuser**.
3. Make a temporary directory for the files and allow all users to access these files by typing:

   ```
   # mkdir /tmp/plumtree
   ```

   ```
   # chmod 777 /tmp/plumtree
   ```

4. Copy the preinstall file by typing:

   ```
   # cd /tmp/plumtree
   ```

   ```
   # cp /install_dir/scripts/preinstall.sh .
   ```

5. Run the preinstall.sh script by typing:
   ```
   # ./preinstall.sh
   ```
   Be sure to carefully review any output from the script .
6. Change the password of the newly created user by typing:
   ```
   # passwd ali
   ```
7. Enter the login password.
8. Log out as **superuser**.

Granting User and Group Access Rights to Oracle Inventory Directories

Oracle Inventory contains files that provide the Oracle Universal Installer with the locations of the ORACLE_HOME directories on a particular machine. For Oracle Inventory to function properly, the user that installs Oracle WebCenter Interaction must have access rights to the directories that contain Oracle Inventory's files. You can set the user and group access rights for these directories by running the ouais.sh shell script.

1. Log in to the remote server host computer as the root user.
2. Copy the `ouais.sh` script to the machine onto which you will be installing Oracle WebCenter Interaction.

   This script is located in the same location as the Oracle WebCenter Interaction installer file.
3. Change the current directory (`cd`) to be the directory to which you copied the ouais.sh script.
4. Run the `ouais.sh` shell script.

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As arguments to the script, specify the ALI user and group you created that will run the Oracle WebCenter Interaction installer. For details, see *User and Group Requirements* on page 15.

For example, you would use the following command to run the ouais.sh script from the root shell:

```
./ouais.sh -u <oracleuser> -g <oraclegroup>
```

The ouais.sh script creates the Oracle Inventory directory if it did not exist before you ran the script. Additionally, the script grants user and group ownership to the directories that contain the files that are used by Oracle Inventory.

Oracle Environment Variables

This table describes the Oracle Environment variables that must be set when installing Oracle WebCenter products to UNIX or Windows instances of Oracle 9i or 10g.

Environment Variable	Description	Example Values
ORACLE_BASE	Must be set to the **root** directory of your Oracle installation.	• (UNIX) `/opt/oracle` • (Windows) `C:\oracle`
ORACLE_HOME	Must be set to the **home** directory of your Oracle installation.	• (UNIX) `/opt/oracle/ora92` • (Windows) `C:\oracle\ora92`
ORACLE_SID	Must be set to the system ID (SID) of the portal database instance.	• (Oracle 9i) `PLUM` • (Oracle 10g) `PLUM10` **Note:** PLUM or PLUM10 are expected by the SQL scripts. If you set your SID to a value other than these example values, you must edit the SQL scripts to reflect this change.

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Preparing WebLogic for Oracle WebCenter Interaction

This topic describes how to configure WebLogic Server for use with the Oracle WebCenter Interaction portal application.

WebLogic Basic Authentication must be disabled for the Oracle WebCenter Interaction portal application on WebLogic Server. To do this, in the WebLogic `config.xml` for the Oracle WebCenter Interaction portal, set `<enforce-valid-basic-auth-credentials>` to `false`.

1. Disable WebLogic Basic Authentication for the Oracle WebCenter Interaction portal application.

   To do this, in the WebLogic `config.xml` for the Oracle WebCenter Interaction portal, set `<enforce-valid-basic-auth-credentials>` to `false`.

   ```
   <security-configuration>
    ...
    <enforce-valid-basic-auth-credentials>
     false
    </enforce-valid-basic-auth-credentials>
   </security-configuration>
   ```

2. On AIX, HP-UX, and Solaris, verify that your WebLogic domain is configured to use a valid 64–bit Java SDK.
3. On AIX, HP-UX, and Solaris, add `-d64` to your domain's *JAVA_OPTIONS*.

   To do this, edit the `setDomainEnv.sh` script for your domain. Find where `JAVA_OPTIONS` is set, near the end of the file, and add the `-d64` flag.

   For example:

   ```
   #JAVA_OPTIONS="${JAVA_OPTIONS}"
   JAVA_OPTIONS="-d64 ${JAVA_OPTIONS}"
   export JAVA_OPTIONS
   ```

4. Increase the JVM's `MaxPermSize`.

   A `MaxPermSize` of `256m` is recommended. If `MaxPermSize` is set too low, you will see `java.lang.OutOfMemoryError: PermGen space` when attempting to start the portal.

   To increase `MaxPermSize`, edit the `setDomainEnv.sh` script for your domain. Find where `MaxPermSize` is being set for your `JAVA_VENDOR`, and set it to `256m`.

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For example:

```
if [ "${JAVA_VENDOR}" = "HP" ] ; then
        #MEM_ARGS="${MEM_ARGS} -XX:MaxPermSize=128m"
        MEM_ARGS="${MEM_ARGS} -XX:MaxPermSize=256m"
        export MEM_ARGS
 fi
```

Preparing Tomcat for Oracle WebCenter Interaction

This topic describes configuration of Tomcat required prior to the installation and deployment of Oracle WebCenter Interaction.

1. Create the directory *tomcat_home*/conf/Catalina/localhost, if necessary.

   On a fresh install of Tomcat 6.0, this directory might not exist. If the directory does not exist, you must create it.

2. On AIX, HP-UX, and Solaris, verify that Tomcat is configured to use a valid 64–bit Java SDK.
3. On AIX, HP-UX, and Solaris, add -d64 to Tomcat's Java options.

   To do this, edit your Tomcat catalina.sh script. Add -d64 to the JAVA_OPTS environment variable.

   For example:

   ```
   JAVA_OPTS="-d64 ${JAVA_OPTS}"
   Export $JAVA_OPTS
   ```


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Upgrading from AquaLogic Interaction 6.5 MP1 to Oracle WebCenter Interaction 10.3

This section provides an outline of the tasks required to upgrade your AquaLogic Interaction 6.5 MP1 installation to Oracle WebCenter Interaction 10.3 on Unix and Linux platforms.

1. If you have multiple search nodes in a search cluster, purge the contents of your search cluster.

   For details, see *Purging the Search ClusterThis topic describes how to use the `cadmin` tool to purge the search cluster.* .

2. Shut down your search node(s).

   Run *`install_dir`*`/ptsearchserver/10.3.0/bin/searchserverd.sh stop`.

   Note: This needs to be done on each machine that hosts a search node.

3. If you have previously installed AquaLogic Pathways as part of your AquaLogic User Interaction deployment, you must uninstall Pathways.

   Pathways is not supported by Oracle WebCenter Interaction 10.3.

   For information on uninstalling Pathways, refer to the *Installation Guide for AquaLogic Pathways*.

4. Upgrade your portal servers, automation servers, and search server components using the Oracle WebCenter Interaction 10.3 installer.

   For details, see *Oracle WebCenter Interaction 10.3 Installer Wizard Pages on Unix and Linux* on page 23.

   Note: You must run the installer as a user that has access rights to the Oracle Inventory directories. If you have not already granted these rights to the installing user, complete the steps described in *Granting User and Group Access Rights to Oracle Inventory Directories* on page 16.

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5. Upgrade the Oracle WebCenter Interaction database.

   For details, see *Running the 6.5 MP1 to 10.3 SQL Database Upgrade Script* on page 25.

6. If you added or changed and custom styles or tag libraries, migrate your changes to the new configuration files.

   For details, see *Description of Changes to Configuration Files* on page 26.

7. If you customized the adaptive layout files, migrate your changes to the new layout files.

   For details, see *Description of Changes in Adaptive Layout Files* on page 27.

8. Restart portal and start your search node(s).

   Do not start the automation servers.

9. Rebuild your portal search index.

   For details, see *Rebuilding the Search IndexThis topic describes the proper procedure for rebuilding your Search index.* .

10. Upgrade any other Oracle WebCenter products you have installed using the associated 10.3 installers.

    For example, if you use identity services, content services, Oracle WebCenter Collaboration, Oracle WebCenter Analytics, or any other Oracle WebCenter products, you must also upgrade those products. For details, see the upgrade guides for the associated products.

11. If you are using Oracle WebCenter Collaboration or Oracle-BEA AquaLogic Interaction Publisher, rebuild the associated indexes.

    To do this, access the administration utility for each product via your portal. For details, see the following administrator guides:

    - *Administrator Guide for Oracle WebCenter Collaboration*
    - *Administrator Guide for AquaLogic Interaction Publisher*

12. Start your automation servers.
13. Import the Search Cluster Manager migration package.

    For details, see *Importing the Search Cluster Manager Migration PackageThis topic describes how to import the Search Cluster Manager migration package.*

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Oracle WebCenter Interaction 10.3 Installer Wizard Pages on Unix and Linux

This topic provides a table describing the wizard pages of the Oracle WebCenter Interaction 10.3 installer for Unix and Linux installations.

Wizard Page	Description
Introduction	This installer wizard page provides a brief description of the installer and describes how to run the installer in silent mode.
Installation Folder	Accept the default installation folder or select a different folder in which to install Oracle WebCenter Interaction. Default: `/opt/bea`
Upgrade Information	Indicates previously installed versions of portal products.
Choose Install Set	Select either **Complete** or **Custom**. If you select **Complete**, a full set of Oracle WebCenter Interaction components is installed. If you select **Custom**, you can select individual portal components to install according to your deployment plan.
Configuration Manager - Port and Password	Enter the port and password for the Configuration Manager web tool. The Configuration Manager will be used to complete the installation of Oracle WebCenter Interaction.
Stand-alone or Cluster	Select whether you would like to install a **Single Stand-alone Search Node** or add or replace a **Search Cluster Node**. Selecting to install the stand-alone search node installs a single node on the local machine. If you want to support failover, add or replace search cluster nodes.

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Wizard Page	Description
Search Nodes	Select to add a new search node or replace an existing node. **Note:** Selecting to replace an existing node removes all information about the node that you are replacing from the system.
Adding New Search Node	Enter the name and port number of the new search node. The search node is installed into *install_dir*/ptsearchserver/10.3.0.
Search Cluster Files	Select the location of the search cluster files. You must have permission to access and write to the location where you want to install these files. Search cluster files are only installed if they do not already exist in the location that you select. Example: *install_dir*/ptsearchserver/10.3.0/cluster/
Pre-Installation Summary	Review the list of components to be installed. Click **Install**.
Launch Configuration Manager	Launch the Configuration Manager. The Configuration Manager is located at: https://*host*:*port*/ Where *host* is the host you are installing on and *port* is the port you specified. Log in to the Configuration Manager using the user name administrator and the password you specified on the Configuration Manager – Port and Password page. The Configuration Manager displays a list of all recently installed components. Clicking the

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Wizard Page	Description
	link next to each component leads you through the settings you need to configure to complete the installation. For information on the settings in the Configuration Manager, refer to the Configuration Manager online help or to the *Administrator Guide for Oracle WebCenter Interaction*. When you have completed all Configuration Manager tasks, return to the installer and click **Done**.

Running the 6.5 MP1 to 10.3 SQL Database Upgrade Script

1. Backup the portal database.
2. Run the SQL script that is appropriate for your database.

   The following table lists the scripts and their locations:

Database	Location	Script
Microsoft SQL Server	*install_dir*\ptportal\10.3.0\sql\mssql	upgrade6.5to10.3.0_mssql.sql
Oracle 9i, Unix	*install_dir*/ptportal/10.3.0/sql/oracle_unix9.2	upgrade6.5to10.3.0_oracle.sql
Oracle 10g, Unix	*install_dir*/ptportal/10.3.0/sql/oracle_unix10	upgrade6.5to10.3.0_oracle.sql
Oracle 9i, Windows	*install_dir*\ptportal\10.3.0\sql\oracle_unix9.2	upgrade6.5to10.3.0_oracle.sql
Oracle 10g, Windows	*install_dir*\ptportal\10.3.0\sql\oracle_nt10	upgrade6.5to10.3.0_oracle.sql

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Description of Changes to Configuration Files

When you upgrade your installation, the installer installs updated configuration files and backs up the previous versions of those files. This topic describes the difference between the updated configuration files and the previous versions of the files.

If you changed or added custom styles or tag libraries in your previous installation, you need to merge your changes to the updated configuration files.

The following configuration files have been updated:

- `PT_HOME/settings/config/CustomStyles.xml`
- `PT_HOME/settings/config/FriendlyURLs.xml`
- `PT_HOME/settings/config/Tags.xml`
- `PT_HOME/settings/config/dynamicloads/Plugins/InterpreterFilters.xml`
- `PT_HOME/settings/config/dynamicloads/Utilities/DisplayDiagnosticPages.xml`

During an upgrade, the previous versions of your configuration files are backed up to the same directory with a .bak extension.

CustomStyles.xml

CustomStyles.xml enables you to use alternate stylesheets that can be substituted based on language. You can only override the language stylesheets when your portal uses adaptive layouts.

In 10.3, the process for specifying custom stylesheets has changed:

- By default, `PT_HOME/ptimages/imageserver/plumtree/common/public/css/mainstyle.css` will be used for adaptive layouts. There will be no mappings defined in `CustomStyles.xml`. To override `mainstyle.css` and use an alternate stylesheet for a specified language, add a new mapping into `CustomStyles.css`.
- The `pt:standard.stylesheets` transformer tag will always return the legacy stylesheet link located in `PORTAL_HOME/i18n` whether or not adaptive layout mode is enabled.
- The `pt://styles` transformer tag performs differently depending on whether or not adaptive layout mode is enabled.
    - In adaptive layout mode, the `pt://styles` transformer tag will return `PT_HOME/ptimages/imageserver/plumtree/common/public/css/mainstyle.css`

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if there are no overrides in `CustomStyles.css`. If there are overrides, it will return the path to the custom stylesheet for the language specified.

- In legacy mode, the `pt://styles` transformer tag will always return the path to the legacy stylesheets located in `PORTAL_HOME/i18n`.

- The legacy stylesheets located in `PORTAL_HOME/i18n` will always be used for non-hosted gatewayed pages whether or not adaptive layout mode is enabled.

Refer to the TagDocs for more information about the `pt:standard.stylesheets` and `pt://styles` tags.

Description of Changes in Adaptive Layout Files

This topic describes the difference between the 10.3 and 6.5 versions of the adaptive layout files.

If you changed the adaptive layout files in your previous installation, you need to merge your changes to the updated adaptive layout files.

The following adaptive layout files have been updated:

- `basepagelayout.html`

  For details, refer to *Description of Changes to basepagelayout.html* on page 28.

- `portletdefaultlayout.html`

  For details, refer to *Description of Changes to portletdefaultlayout.html* on page 31.

- `portletselectionlayout.html`

  For details, refer to *Description of Changes to portletselectionlayout.html* on page 31.

- `profilepagelayout.html`

  For details, refer to *Description of Changes to profilepagelayout.html* on page 32.

The following adaptive layout files have been added:

- `communityselectionlayout.html`

  For details, refer to *Description of Changes to communityselectionlayout.html* on page 28.

- `errorpagelayout.html`

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For details, refer to *Description of Changes to errorpagelayout.html* on page 29.

- `loginpagelayout.html`

  For details, refer to *Description of Changes to loginpagelayout.html* on page 30.

- `myaccountpagelayout.html`

  For details, refer to *Description of Changes to myaccountpagelayout.html* on page 30.

Description of Changes to basepagelayout.html

You can find complete list of differences for basepagelayout.html at *http://download.oracle.com/docs/cd/E13158_01/alui/wci/docs103/layoutdiffs/basepagelayout-diff.html*.

Summary of changes:

- Updated link to CSS stylesheet used for adaptive layouts by using `pt://styles` tag. For more information, refer to *Description of Changes to Configuration Files* on page 26.
- Added Javascript function for enabling and disabling an anchor link. This is used to support disabling of certain action links when the Join Community Flyout is activated.
- Added rules debug link.
- Moved `FlyoutJSTagdeclaration` from `portletdefaultlayout.html` to support displaying of Join Community Flyout on any portal page.
- Changed flyout onclick call to pass in the flyout URL. The flyout will display in the selectionEditordiv defined in `portletdefaultlayout.html` when on a My Page or community page and display in the basenavSelectionEditor div on all other pages.
- Added "basenavSelectionEditor" div.
- Added "Edit My Communities" link in the Community drop-down menu when in adaptive layout mode.
- Removed the old "Join Communities" and "Unsubscribe Communities" links from the Community drop-down menu.
- Added new Error Page Tags for displaying and customization of errors.

Description of Changes to communityselectionlayout.html

The `communityselectionlayout.html` is a new layout.

Summary of layout:

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- The Join Communities Flyout provides a way to join and leave communities from any page.
- There is an **Edit My Communities** link in the **My Communities** drop-down menu located on the base layout page that activates the flyout. This link and the flyout are available from any portal page.
- The Join Communities Flyout expands out from below the top banner using XHTML (no page refresh).
- This layout provides the equivalent functionality that is provided in the Join Communities and Unsubscribe Communities Editor:
    - Join a community
    - Unsubscribe from a community
    - Preview community
    - Send invitations
    - Search for communities
    - Pagination
    - Browse for communities
    - Provide breadcrumbs when browsing for communities
    - Join a community from the preview community dialog box
    - When in legacy UI mode, users still join or unsubscribe communities via the Join Communities Editor or Unsubscribe Communities Editor
- This layout utilizes a new Join Communities Tag Library (joincommunitypageeditor) for displaying community data in the UI.
- Joining and leaving a community utilizes JSON RESTful APIs to perform the requests; `joincommunities.jslocated` on the Image Server (`pt://images/plumtree/portal/private/joincommunities/joincommunities.js`) provides the supporting Javascript methods for calling these APIs.
- All the specific CSS that are used in the layout are defined in `joincommunities.csslocated` on the Image Server (`pt://images/plumtree/portal/private/joincommunities/joincommunities.css`).

Refer to the individual tag docs for additional details on specific tags.

Description of Changes to errorpagelayout.html

The `errorpagelayout.html` is a new layout.

Summary of layout:

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- In Adaptive Layout Mode, this layout replaces the Error Page previously served directly from the portal code.
- This layout leverages error tags to render various components of the Error Page; this enables you to easily customize the error pag.
- All the tags used (for example, `ptui.errortext` and `ptui.errorextendedmessage`) should be contained in an `ptui.error` tag.

Refer to the individual tag docs for additional details on specific tags.

Description of Changes to loginpagelayout.html

The `loginlayout.html` is a new layout.

Summary of layout:

- In Adaptive Layout Mode, this layout replaces the Login Page previously served directly from the portal code.
- This layout leverages display tags to render various components of the Login Page. The Portal Login portlet complements this layout.
- You can use this layout to create a custom login page with no other portlets on it, but you can also continue to use the Portal Login portlet if you want users to peruse the portal as guests before loging in.
- All the tags used (for example, `ptui.loginusername`, `ptui.loginpassword`, `ptui.loginauthsource`, `ptui.loginrememberme`, `ptui.loginbutton`, and `ptui.createaccount`) should be contained in a `ptui.loginform` tag.
- All the tags used in this page can be used on any other portal page.

Refer to the individual tag docs for additional details on specific tags.

Description of Changes to myaccountpagelayout.html

The `myaccountpagelayout.html` is a new layout.

Summary of layout:

- In Adaptive Layout Mode, this layout in Adaptive Layout Mode replaces My Account page previously served directly from the portal code.
- This layout uses the `ptdata.myaccountdata` tag and displays links on the My Account page.

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- The `ptdata.myaccountdata` tag contains a list of elements and each element holds Name of the Setting, URL, and Description.
- The `ptdata.myaccountdata` tag used on this page can be used anywhere in the portal to display My Account links such as **Edit User Profile** for editing the current user profile, **Display Options** to modify current users display options, and so on.

Refer to the individual tag docs for additional details on specific tags.

Description of Changes to portletdefaultlayout.html

You can find complete list of differences for portletdefaultlayout.html at *http://download.oracle.com/docs/cd/E13158_01/alui/wci/docs103/layoutdiffs/portletdefaultlayout-diff.html*.

Summary of changes:

- Moved one-click Join/Unsubscribe this Community link to the left after breadcrumbs.
- Removed flyoutJS declaration. This was moved to the `basepagelayout.html` and `profilepagelayout.html` to support displaying the Join Community Flyout Editor from any page.
- Changed flyout onclick call to pass in the flyoutURL. The flyout displays in the selectionEditordiv defined in `portletdefaultlayout.html` when on a My Page or community page and displays in the basenavSelectionEditordiv on all other pages. Also switched the **Edit Page** link text when opening and closing the Portlet Selection Flyout.
- Renamed flyout div id from `portletSelection` to `selectionEditor` to generalize the name of the ID as this is shared between the Join Community Flyout and Portlet Selection Flyout Editors.

Description of Changes to portletselectionlayout.html

You can find complete list of differences for portletselectionlayout.html at *http://download.oracle.com/docs/cd/E13158_01/alui/wci/docs103/layoutdiffs/portletselectionlayout-diff.html*.

Summary of changes:

- Renamed flyoutIDfrom `portletSelection` to `selectionEditor` to generalize the name of the ID as this is shared between the Join Community Flyout and Portlet Selection Flyout Editors.

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Description of Changes to profilepagelayout.html

You can find complete list of differences for profilepagelayout.html at *http://download.oracle.com/docs/cd/E13158_01/alui/wci/docs103/layoutdiffs/profilepagelayout-diff.html*.

Summary of changes:

- Moved `FlyoutJSTagdeclaration` from `portletdefaultlayout.html` to support displaying of Join Community Flyout on any portal page.
- Changed flyout onclick call to pass in the flyout URL. The flyout will display in the selectionEditordiv defined in `portletdefaultlayout.html` when on a My Page or community page and display in the basenavSelectionEditor div on all other pages.
- Added "basenavSelectionEditor" div.
- Added **Edit My Communities** link in the **Community** drop-down menu when in adaptive layout mode.
- Removed the old **Join Communities** and **Unsubscribe Communities** links from the **Community** drop-down menu.

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