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Customizing Site Templates in WebCenter Spaces (11.1.1.2.0 and 11.1.1.3.0)

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Executive Overview

Out-of-the-box, WebCenter Spaces is pre-configured with a range of site templates that users can apply to their group spaces and pages. Site designers can change or extend out-of-the-box site templates and create brand new ones to achieve a look, feel, and layout to suit their organization.

This white paper describes how to customize site templates using JDeveloper, as well as how to re-package and deploy customized site templates for use in WebCenter Spaces. The whitepaper also provides a list of WebCenter Spaces components that site designers can reuse within their custom site templates.

Site templates are new in WebCenter Spaces 11.1.1.2.0. This white paper explains, to anyone who is migrating from a previous release, how their existing group spaces and pages migrate to site templates.

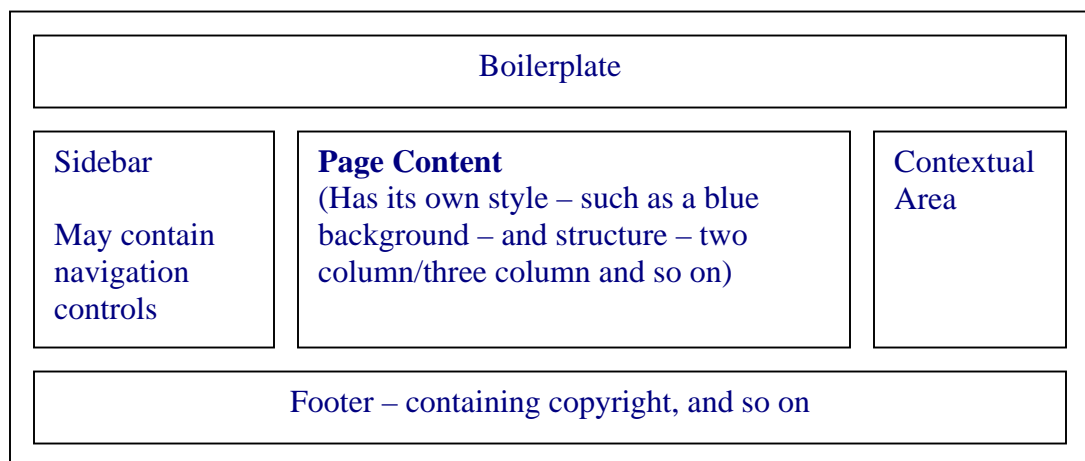
Introducing Site Templates

A *site* is a general term for a collection of Web pages that are connected through a navigation hierarchy. In WebCenter Spaces, *site templates* define how individual pages and groups of pages display on a user's screen. For example, a single page can occupy the entire screen, or display within the confines of other application content.

When you use site templates to display pages, the pages are always consistent in structure and layout across the application.

A typical site template, shown below, defines the following:

- Header on top of the page
- Footer below the page
- Navigation structure to go to important links in the page
- Sidebar on left
- Sidebar on right



Everything that surrounds the “page content” area is referred to as the site template.

In WebCenter Spaces, site templates are *ADF JSF Page Templates*. To find out more about JSF page templates, read the section “Using Page Templates” in the *Oracle Fusion Middleware Web User Interface Developer's Guide for Oracle Application Development Framework* (http://download.oracle.com/docs/cd/E12839_01/web.1111/b31973/af_reuse.htm).

Site Template Sample Download

If you want to view sample site templates or customize the site templates used in WebCenter Spaces you must first download `extendwebcenterspaces.zip` published on Oracle Technology Network at:

<http://download.oracle.com/otndocs/tech/webcenter/files/extendwebcenterspaces.zip>

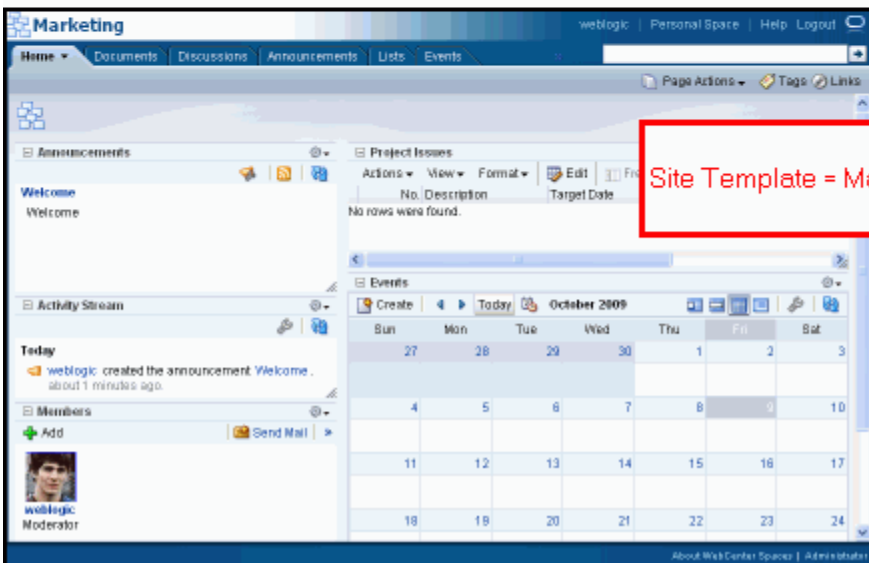
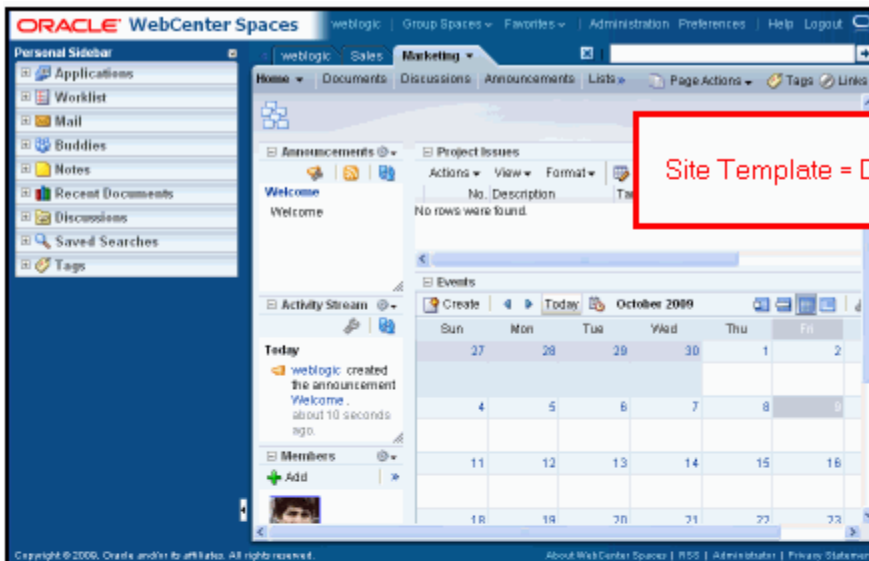
This download includes a customizable WebCenter Spaces application, a sample site template, and other resources you might need to support your extensions. Refer to the section “WebCenter Spaces Customization Download” in the *Extending WebCenter Spaces* white paper for more detail:

http://www.oracle.com/technology/products/webcenter/pdf/owcs_r11_extend_spaces_wp.pdf

Out-of-the-box Site Templates

Out-of-the-box site templates include:

- **Default** - Normal WebCenter Spaces view that includes a global tool bar, the sidebar, the footer, and so on. This site template is for personal spaces and group spaces.
- **Maximized** – Display a particular group space in full-screen mode.



While you can create new site templates and modify the sample site templates but you *cannot* modify either of the out-of-the-box site templates shown here.

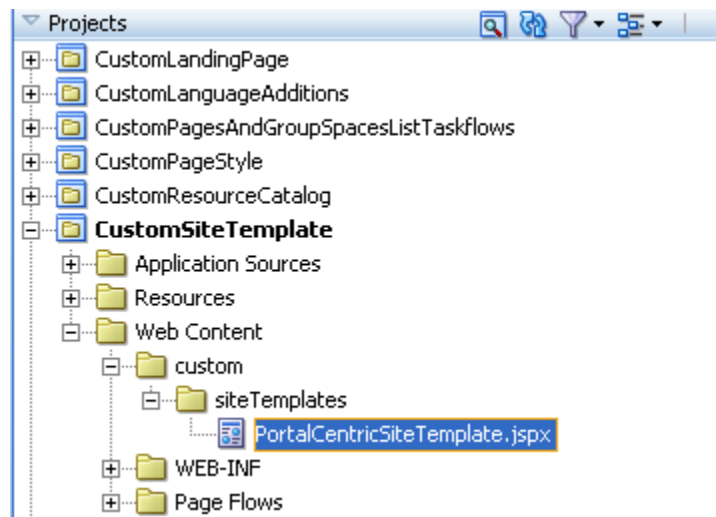
If you want to exclude or display different content within these two site templates, you can modify their equivalent *application templates* (also referred to as a shell or chrome) through JDeveloper and deploy your customized versions to WebCenter Spaces. While site templates supersede application templates, WebCenter Spaces still supports application templates. For more information, refer to the section “[Modifying Application Template](#)” in the *Extending WebCenter Spaces* white paper.

Sample Site Templates

A sample site template is available with the download at:

```
ExtendWebCenterSpaces\CustomSiteTemplate\public_html\custom\siteTemplates\PortalCentricSiteTemplate.jspx
```

This ‘**Portal Centric**’ site template enables administrators to create a custom navigation hierarchy.



You can use the sample as a starting point when designing your own site templates or for reference purposes.

Developing New Site Templates

A site template is an ADF page template—a JSF document written in XML syntax that contains an ADF page template definition and has the file extension .jspx. If you want to create additional site templates for WebCenter Spaces, you must:

- Download a customizable WebCenter Spaces JDeveloper workspace from Oracle Technology Network that includes a *CustomSiteTemplate* project for making site template customizations.
- Create the site template in JDeveloper.
- Register the site template in `WCsiteTemplates.xml`.
- Package the site template into an ADF library .JAR file, add the .JAR to the WebCenter Spaces shared library, and deploy your customizations to WebCenter Spaces.

Let’s go through each of these steps in more detail.

Creating Site Templates

You can use JDeveloper's *Create JSF Page Template* wizard to create a JSF page template (for your site template) with named facets and attributes.

Facets are predefined areas on a page template where content can eventually be inserted. Each facet must have a unique name. For example, you could define a facet called **branding** for the branding area of the page.

When creating site templates for WebCenter Spaces, you must remember the following:

- Site templates must contain a facet named **content**. WebCenter Spaces will always place the page content inside a facet named **content**.
- Site templates that include one or more WebCenter Spaces components, such as the Login link, must include the following declaration:

```
<af:panelGroupLayout layout="vertical">
  <trh:script source="#{WCApContext.spacesScriptsUrl}" />
  <trh:script source="#{WCApContext.servicesScriptsUrl}" />
  <trh:script text="window.print();"
  rendered="#{param['wc.printPreview']}" />
  <wshell:panel name="DEFAULT" rendered="true" />
</af:panelGroupLayout>
```

In addition, the site template `<jsp:root>` tag must include the following associated namespace entries:

```
xmlns:trh="http://myfaces.apache.org/trinidad/html"
xmlns:wshell="http://xmlns.oracle.com/webcenter/shell"
```

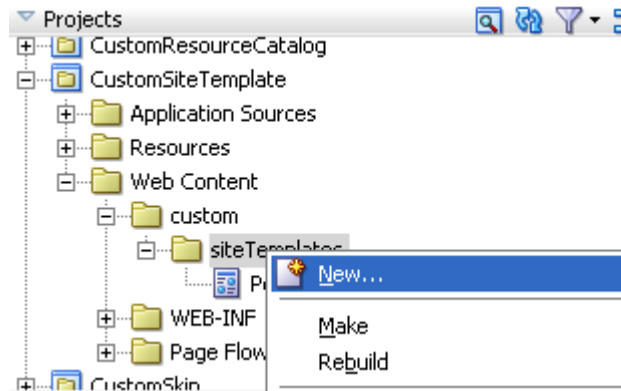
WebCenter Spaces components will not work if this information is missing.

Refer to the sample site template supplied with the download for an example.

To create a site template using JDeveloper:

1. Open the customizable WebCenter Spaces workspace in JDeveloper.

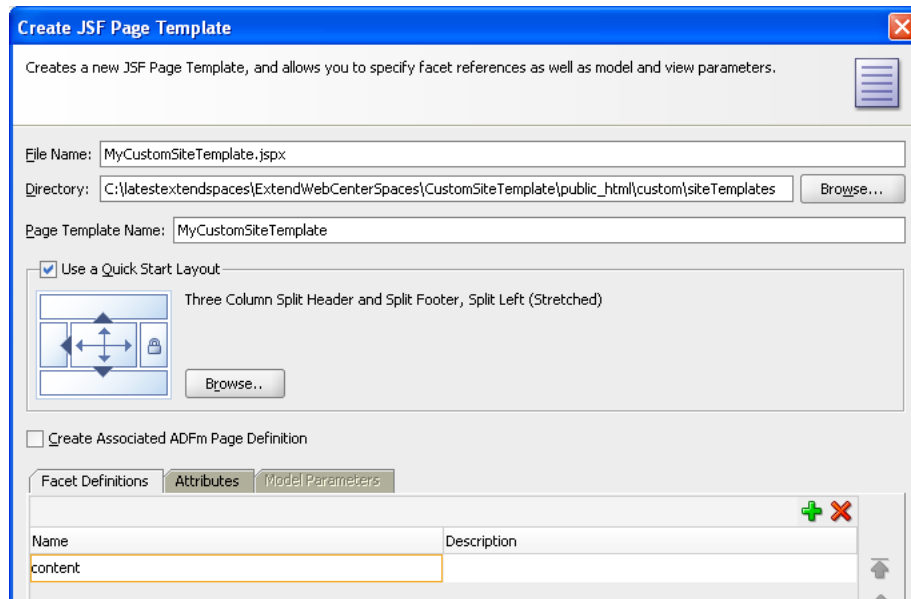
Navigate to the location where you extracted `extendwebcenterspaces.zip` and select the file `ExtendWebCenterSpaces.jws`.
2. In the Application Navigator, right-click the folder where you wish to create and store the new site template, and choose **New**. For example:



3. Choose **JSF Page Template**, and click **OK**.
4. Enter a file name for the page template definition. For example, `MyCustomSiteTemplate.jspx`.

Page template definitions are XML documents that embed XML content and have the file extension `.jspx`.

5. Accept the **Directory** for the new template definition, or choose a new location.
6. For **Page Template Name**, enter a display name for the page template definition.
7. If you want to use one of the predefined quick layouts, select **Use a Quick Start Layout** and click **Browse** to select the one you want to use.
8. To add named facets, click the **Facet Definitions** tab and click the **Add** icon.



All WebCenter Spaces site templates must contain a facet named `content`.
WebCenter Spaces will always place the page content inside a facet named `content`.

9. Design the content and layout of your custom site template, as required.

Use the `content` facet (defined in the previous step) to indicate where the page content displays.

(Optional) Add any of the WebCenter Spaces components described in the section “[Using WebCenter Spaces Components in Site Templates](#)”. If you choose to use these components, ensure that you:

- o Add the declaration as described at the start of this section
- o Add all associated namespace references to the `<jps:root>` tag

Namespace	Definition
af	<code>xmlns:af="http://xmlns.oracle.com/adf/faces/rich"</code>
c	<code>xmlns:c="http://java.sun.com/jsp/jstl/core"</code>
f	<code>xmlns:f="http://java.sun.com/jsf/core"</code>
h	<code>xmlns:h="http://java.sun.com/jsf/html"</code>
jsp	<code>xmlns:jsp="http://java.sun.com/JSP/Page"</code>
ns	<code>xmlns:ns="http://xmlns.oracle.com/webcenter/services/notification"</code>
pe	<code>xmlns:pe="http://xmlns.oracle.com/adf/pageeditor"></code>
rel	<code>xmlns:rel="http://xmlns.oracle.com/webcenter/services/relationship"</code>
rh	<code>xmlns:rh="http://xmlns.oracle.com/webcenter/resourcehandler"</code>
rtc	<code>xmlns:rtc="http://xmlns.oracle.com/webcenter/collab/rtc"</code>
tag	<code>xmlns:tag="http://xmlns.oracle.com/webcenter/services/tagging"</code>
trh	<code>xmlns:trh="http://myfaces.apache.org/trinidad/html"</code>
wcshell	<code>xmlns:wcshell="http://xmlns.oracle.com/webcenter/shell"</code>

For more general information on JSF page templates, read the section “[Using Page Templates](#)” in the *Oracle Fusion Middleware Web User Interface Developer's Guide for Oracle Application Development Framework*.

Registering Custom Site Templates with WebCenter Spaces

You must register all the custom site templates that you want to use in the `WCSiteTemplates.xml` file located at `\oracle\webcenter\spaces\siteTemplates`. At runtime, WebCenter Spaces determines which site templates are available by reading the content of this file.

Note: Multiple versions of `WCSiteTemplates.xml` can co-exist, you can deploy site templates customizations to multiple JARs, if required.

Here is a sample `WCSiteTemplates.xml` file that registers the sample site template:

```
<site-templates>

<site-template
id="custom.webcenter.spaces.templates.PortalCentricST"
pagePath="/custom/siteTemplates/PortalCentricSiteTemplate.jspx"
pageDefPath="/oracle/webcenter/webcenterapp/bindings/pageDefs/oracle_webcenter_webcenterapp_view_templates_WebCenterAppShellTemplatePageDef.xml"
iconURL="icona"
displayName="SampleSiteTemplate"
/>

</site-templates>
```

The following table describes all the site template attributes you can configure through `WCSiteTemplates.xml`:

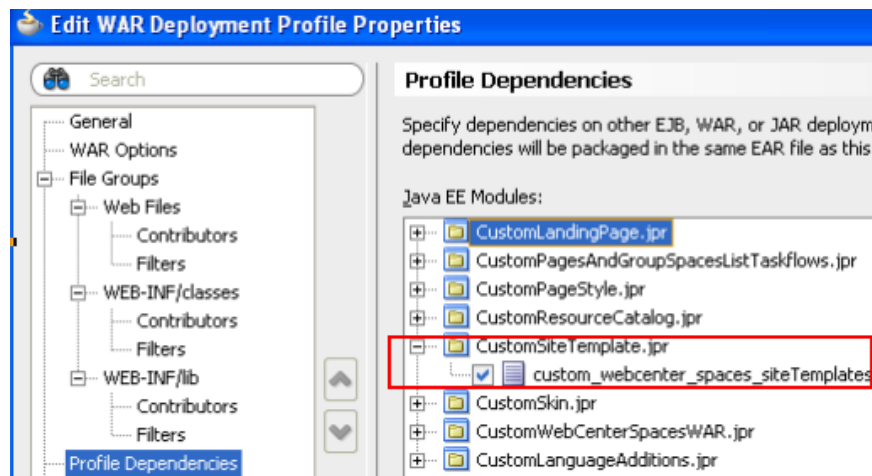
Attribute Name	Description	Mandatory	Notes
<code>id</code>	Site template ID. This ID is stored in the application/group space metadata and must be unique.	Yes	
<code>pagePath</code>	Absolute path of the template JSPX file. This path must be unique.	Yes	
<code>iconURL</code>	Icon representing the site template. It is used wherever an icon is used to display site templates.	No	Not used in this release.

<code>displayName</code>	Display name for the site template. This name is used wherever text is used to display site templates. Ignored when <code>displayNameKey</code> and <code>resourceBundleName</code> are specified.	No	
<code>displayNameKey</code>	Resource key used to compute the display name. See <code>displayName</code> for more information.	No	
<code>resourceBundleName</code>	Resource bundle name used to look up the <code>displayNameKey</code> . See <code>displayName</code> for more information.	No	
<code>chromeLevel</code>	Custom chrome name. Provided for backward compatibility and only supported by out-of-the-box site templates. For more information, refer to section “ Custom Chrome Migration ”.	No	Not used in this release

Packaging and Deploying Custom Site Templates

1. Use the customizable WebCenter Space JDeveloper workspace, published on Oracle Technology Network, to package and deploy your custom site templates:
 - a. Create the page template file (.JSPX) and update `WCSiteTemplates.xml` in the `CustomSiteTemplate` project of your customizable WebCenter Spaces application.
 - b. Build a new WebCenter Spaces .WAR file that includes the custom site template .JAR.

Ensure that the `CustomSiteTemplate` project is selected in the deployment profile:



- c. Deploy your customized .WAR file to the managed server and restart WebCenter Spaces.

Refer to the section “[Deploying a Customized WebCenter Spaces .WAR](#)” in the *Extending WebCenter Spaces* white paper for detailed steps:

http://www.oracle.com/technology/products/webcenter/pdf/owcs_r11_extend_spaces_wp.pdf

2. Login to WebCenter Spaces to verify that your custom site templates are available:
 - Open WebCenter Spaces Administration pages, click the **General** tab, and verify that your site templates are listed under **Site Template for Personal Space** and **Default Site Template for Group Spaces**.
 - Open the **Settings** page for a group space, click the **General** tab, and check the **Site Template** dropdown list.
3. Apply your new site templates and check that the pages display as expected.

Applying Site Templates in WebCenter Spaces

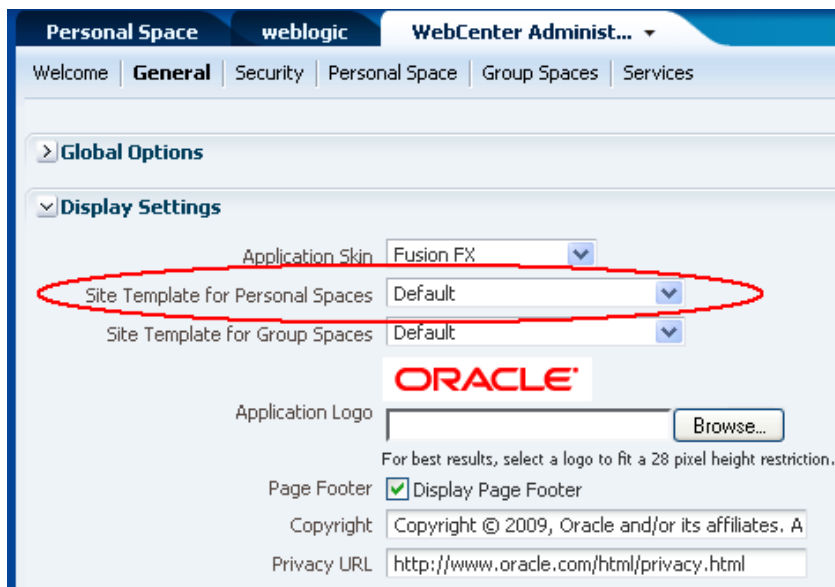
WebCenter Spaces administrators can define the site template that is applied to:

- Everyone's personal space
- New group spaces, by default

Group space moderators can override the default selection applied to their group spaces but users cannot override the site template applied to their personal space.

Personal Space - Site Template

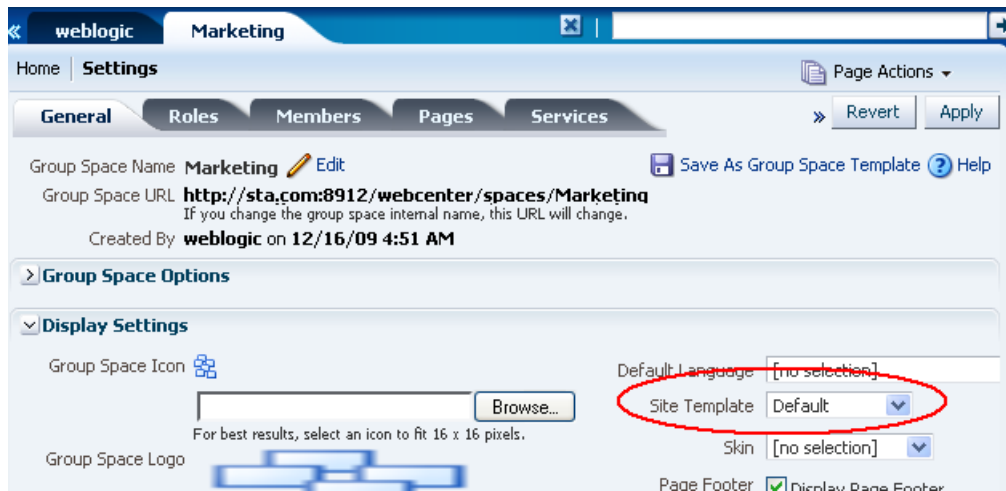
The WebCenter Spaces Administration setting **Site Template for Personal Space** determines which site template to apply to everyone's personal spaces:



By default, the out-of-the-box **Default** template is used
(`oracle.webcenter.spaces.siteTemplate.default`).

Group Space - Site Template

When you save a group space as a template, the current site template setting is saved as part of the group space template. This site template setting is applied to all new group spaces created from the group space template but the group space moderator can change this selection, if required, through the **Site Template** option (on the group space's **Settings** page):



If a group space template does not specify a particular site template, new group spaces inherit a site template in the following order:

- Group space site template - **Site Template** option (Settings page)
- Default group space site template - **Default Site Template for Group Spaces** option (WebCenter Space Administration page)
- Personal space site template - **Site Template for Personal Space** option (WebCenter Space Administration page)
- Out-of-the-box default site template – **Default** site template (`oracle.webcenter.spaces.siteTemplate.default`)

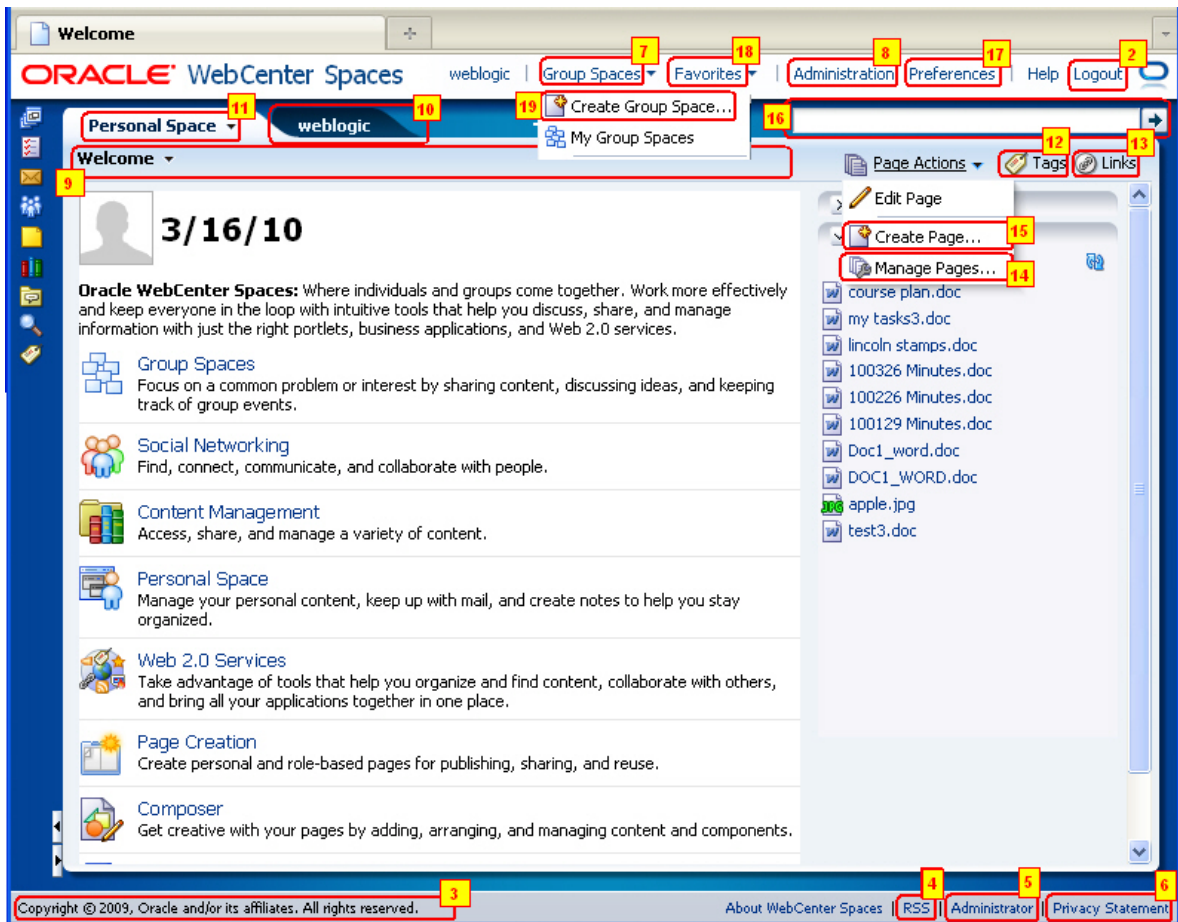
Using WebCenter Spaces Components in Site Templates

This section describes WebCenter Spaces components that you can use in your site templates. You can customize attributes such as `text`, `label`, `inlinestyle` and so on to change the look and feel of the component.

Oracle does not recommend that you modify values for attributes such as `id`, `action`, `actionListener`, `destination`, as they impact the functionality of the component.

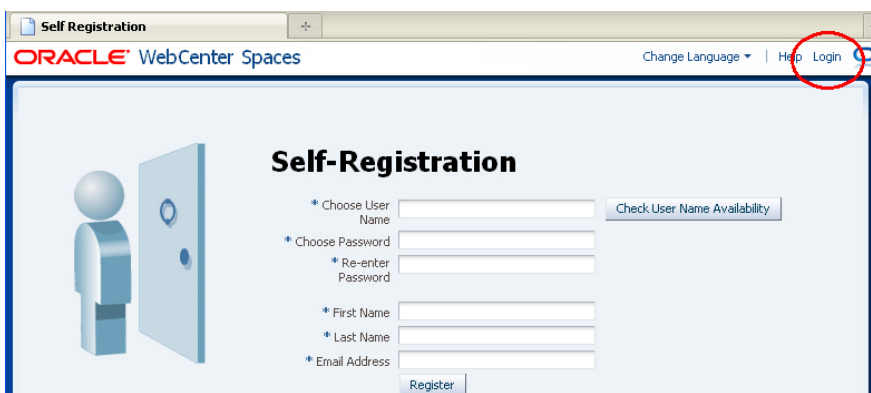
The following components are described. Illustrations for components marked * appear later:

- | | | |
|------------------------------|----------------------------------|-----------------------------------|
| 1 Login Link* | 9 Page Navigation – Tab/List | 17 Preferences Link |
| 2 Logout Link | 10 Group Space Navigation - Tabs | 18 Favorites |
| 3 Copyright Message | 11 Personal Space Link | 19 Create Group Space Link |
| 4 RSS Link | 12 Tagging Button | 20 Group Space Subscribe Link* |
| 5 Contact Administrator Link | 13 Linking Button | 21 Group Space UnSubscribe Link* |
| 6 Privacy URL Link | 14 Manage Pages Link | 22 Group Space Mail Members Link* |
| 7 Group Space Switcher | 15 Create Page Link | |
| 8 Administration Link | 16 Search Box | |



1 Login Link

```
<goLink
    text="{uib_o_w_w_r_WebCenter.GLOBAL_LINK_LOGIN}"
    id="loginLink"
    inlineStyle="white-space:nowrap"
    rendered="{!security.authenticated and
pageFlowScope.showLoginLink == true}"
    destination="{o_w_wa__i_v_w_Login.loginLinkTarget}"/>
```



2 Logout Link

```
<af:commandLink
    text="{uib_o_w_w_r_WebCenter.GLOBAL_LINK_LOGOUT}"
    id="logoutLink" partialSubmit="true"
    inlineStyle="white-space:nowrap"
    rendered="{security.authenticated}" immediate="true"
    actionListener="{o_w_wa__i_v_w_Login.doLogout}"
    shortDesc="{uib_o_w_w_r_WebCenter.GLOBAL_LINK_LOGOUT_DESC}"/>
```

3 Copyright Message

```
<af:outputFormatted
    value="{boilerBean.copyrightMessage}"
    inlineStyle="font-size:smaller;white-space:nowrap;"
    id="appftof1"/>
```

4 RSS Link

```

<af:commandLink
    text="{uib_o_w_w_r_WebCenter.GLOBAL_LINK_RSS}" id="RSS"
    actionListener="{boilerBean.navigateToURI}"
    partialSubmit="true" immediate="true"
    rendered="{security.authenticated}"
    shortDesc="{uib_o_w_w_r_WebCenter.GLOBAL_LINK_RSS_DESC}"
    inlineStyle="font-size:smaller;white-space:nowrap;"
    <f:attribute
        name="webcenterURI"
        value="/oracle/webcenter/webcenterapp/view/pages/rss/RSSViewer.jspx"/>
</af:commandLink>

```

5 Contact Administrator Link

```

<af:commandLink
    text="{uib_o_w_w_r_WebCenter.CONTACT_ADMINISTRATOR}"
    partialSubmit="true" rendered="{security.authenticated}"
    shortDesc="{uib_o_w_w_r_WebCenter.CONTACT_ADMINISTRATOR_DESC}"
    inlineStyle="font-size:smaller;white-space:nowrap;"
    id="appftcl1">
    <af:showPopupBehavior
        popupId="popupContactAdmin"/>
</af:commandLink>

```

And include the following popup in the template somewhere:

```

<af:popup
    id="popupContactAdmin">
    <af:dialog title="{uib_o_w_w_r_WebCenter.CONTACT_ADMINISTRATOR_DESC}"
        type="none"
        titleIconSource="/adf/webcenter/emailsend_qualifier.png" id="appftd2">
    <jsp:include
page="/oracle/webcenter/webcenterapp/view/taskflows/contactAdmin/contactAdmin.jspx"
"/>
    </af:dialog>
</af:popup>

```

6 Privacy URL Link

```
<af:goLink
    text="{uib_o_w_w_r_WebCenter.PRIVACY_STMT}"
    destination="{boilerBean.privacyURL}"
    rendered="{not empty boilerBean.privacyURL}"
    shortDesc="{uib_o_w_w_r_WebCenter.PRIVACY_STMT_DESC}"
    targetFrame="_blank"
    inlineStyle="font-size:smaller;white-space:nowrap;" id="appftg11"/>
```

7 Group Space Switcher

```
<af:panelGroupLayout
    id="infoUserMenuBar"
    layout="horizontal">
    <af:region value="{bindings.createGroupSpaceRegion.regionModel}" id="crtGS"
        partialTriggers="::createGSdialogLauncher"
        rendered="{security.authenticated and
security.createSpaceAllowed}"/>
        <jsp:include page="{security.authenticated?
'/oracle/webcenter/community/view/taskflows/switcher/CommunitySwitcherMenu.jspx':
'/oracle/webcenter/webcenterapp/view/taskflows/emptyContent/EmptyContentRegion.jspx'}"/>
    </af:panelGroupLayout>
```

Note: As this component uses region bindings you must upload the binding information to MDS. For details, refer to the section [Deploying Template Region Binding](#).

8 Administration Link

```
<af:commandLink
    text="{uib_o_w_w_r_WebCenter.GLOBAL_LINK_ADMINISTRATION}"
    actionListener="{boilerBean.navigateToURI}"
    inlineStyle="white-space:nowrap" id="adminstrationLink"
    partialSubmit="true"
    rendered="{security.webCenterConfigAllowed and security.authenticated}"
    shortDesc="{uib_o_w_w_r_WebCenter.GLOBAL_LINK_ADMINISTRATION_DESC}">
    <f:attribute name="webcenterURI"
        value="/oracle/webcenter/webcenterapp/view/pages/admin/WebCenterAdmin-AdminCenter.jspx"/>
</af:commandLink>
```

9 Page Navigation - Tab View

```

<af:panelStretchLayout bottomHeight="0" id="secondaryTabBarPSL"
    styleClass="WCStretchedRegion">
    <f:facet name="center">
        <wcshell:wcNavigationPane id="secondaryTabSet" level="1" hint="bar"
            value="{o_w_w_i_v_s_tabManager.menuModel}"
            binding="{requestScope.o_w_wa_scopeLevelTabs}"
            inlineStyle="margin-top:2px" var="tab">
            <f:facet name="nodeStamp">
                <af:commandNavigationItem text="{tab.truncatedLabel}"
                    partialSubmit="true"
                    icon="{tab.iconSource}" id="tab"
                    shortDesc="{tab.description}"
                    destination="{WCAppContext.envProperties.USE_GET_NAVIGATION == 'true'?
                        tab.navigableDestination: null}"
                    actionListener="{boilerBean.clickNavigationTab}"
                    inlineStyle="color:black"
                    rendered="{tab.visible}">
                <f:attribute name="data" value="{tab}"/>
                <af:clientListener type="click" method="wcShowTabPopup"/>
                <af:clientListener type="contextMenu" method="wcShowTabPopup"/>
                <af:clientListener type="mouseOver" method="wcOpenTabTooltipPopup"/>
                <af:clientListener type="mouseOut" method="wcCloseTabTooltipPopup"/>
                <af:clientAttribute name="tabLevel" value="SECONDARY"/>
                <af:clientAttribute name="wcAllowedOperationsNonEmpty"
                    value="{not empty tab.allowedOperations}"/>
                <af:clientAttribute name="tabDestination"
                    value="{tab.tabDestination}"/>
                <af:clientAttribute name="tabLabel" value="{tab.label}"/>
            </af:commandNavigationItem>
            </f:facet>
        </wcshell:wcNavigationPane>
    </f:facet>
    <f:facet name="bottom">

```

```

    <af:subform id="tabPopUp">
        <jsp:include
page="/oracle/webcenter/webcenterapp/view/taskflows/secondaryTabBar/SecondaryTabBarPopup.jspx"/>
    </af:subform>
</f:facet>
</af:panelStretchLayout>

```

9 Page Navigation - List View

```

<af:panelStretchLayout bottomHeight="0" id="secondaryTabBarPSL"
    styleClass="WCStretchedRegion">
    <f:facet name="center">
        <wcshell:wcNavigationPane id="secondaryTabSet" level="1" hint="list"
            value="#{o_w_w_i_v_s_tabManager.menuModel}"
            binding="#{requestScope.o_w_wa_scopeLevelTabs}"
            inlineStyle="margin-top:2px" var="tab">
            <f:facet name="nodeStamp">
                <af:commandNavigationItem text="#{tab.truncatedLabel}"
                    partialSubmit="true"
                    icon="#{tab.iconSource}" id="tab"
                    shortDesc="#{tab.description}"

destination="#{WCAppContext.envProperties.USE_GET_NAVIGATION == 'true'?
                    tab.navigableDestination: null}"
actionListener="#{boilerBean.clickNavigationTab}"
                    inlineStyle="color:black"
                    rendered="#{tab.visible}">
                <f:attribute name="data" value="#{tab}"/>
                <af:clientListener type="click" method="wcShowTabPopup"/>
                <af:clientListener type="contextMenu" method="wcShowTabPopup"/>
                <af:clientListener type="mouseOver" method="wcOpenTabTooltipPopup"/>
                <af:clientListener type="mouseOut" method="wcCloseTabTooltipPopup"/>
                <af:clientAttribute name="tabLevel" value="SECONDARY"/>
                <af:clientAttribute name="wcAllowedOperationsNonEmpty"
                    value="#{not empty tab.allowedOperations}"/>
            </f:facet>
        </wcshell:wcNavigationPane>
    </f:facet>
</af:panelStretchLayout>

```

```

        <af:clientAttribute name="tabDestination"
            value="#{tab.tabDestination}"/>
        <af:clientAttribute name="tabLabel" value="#{tab.label}"/>
    </af:commandNavigationItem>
</f:facet>
</wshell:wcNavigationPane>
</f:facet>
<f:facet name="bottom">
    <af:subform id="tabPopUp">
        <jsp:include
page="/oracle/webcenter/webcenterapp/view/taskflows/secondaryTabBar/SecondaryTabBarPopup.jspx"/>
        </af:subform>
    </f:facet>
</af:panelStretchLayout>

```

10 Group Space Navigation - Tabs View

```

<af:panelStretchLayout startWidth="0" id="localBplt"
    styleClass="WCStretchedRegion">
    <f:facet name="center">
        <wshell:wcNavigationPane level="0"
            value="#{o_w_w_i_v_s_tabManager.menuModel}"
            id="primaryTabSet" var="tab" hint="tabs"
            binding="#{requestScope.wcTopLevelTabs}">
            <!--af:clientListener method="wcOnLeaveTabPane" type="mouseOut"/-->
            <f:facet name="nodeStamp">
                <af:commandNavigationItem text="#{tab.truncatedLabel}"
                    partialSubmit="true" id="primaryTab"
                    destination="#{WCAppContext.envProperties.USE_GET_NAVIGATION == 'true'?
                    tab.navigableDestination: null}"
                    actionListener="#{boilerBean.clickNavigationTab}"
                    rendered="#{tab.visible}">
                    <f:attribute name="data" value="#{tab}"/>
                    <af:clientListener type="click" method="wcShowTabPopup"/>
                </f:facet>
            </af:commandNavigationItem>
        </wshell:wcNavigationPane>
    </f:facet>
</af:panelStretchLayout>

```

```

<af:clientListener type="contextMenu" method="wcShowTabPopup"/>
<!--af:clientListener type="mouseover"
        method="wcActivateTabDropdownIcon"/-->
<af:clientListener type="mouseover" method="wcOpenTabTooltipPopup"/>
<af:clientListener type="mouseout" method="wcCloseTabTooltipPopup"/>
<af:clientAttribute name="tabLevel" value="PRIMARY"/>
<af:clientAttribute name="wcAllowedOperationsNonEmpty"
        value="#{not empty tab.allowedOperations}"/>
<!--af:clientAttribute name="wcAllowedOperations"
        value="#{tab.allowedOperations}"/-->
<af:clientAttribute name="tabDestination"
        value="#{tab.tabDestination}"/>
<af:clientAttribute name="tabLabel" value="#{tab.label}"/>
</af:commandNavigationItem>
</f:facet>
</wshell:wcNavigationPane>
</f:facet>
<f:facet name="start">
    <af:subform id="primaryTabPopUp">
        <jsp:include
page="/oracle/webcenter/webcenterapp/view/taskflows/secondaryTabBar/SecondaryTabBar
rPopup.jspx"/>
        </af:subform>
    </f:facet>
</af:panelStretchLayout>

```

11 Personal Space Link

```

<af:goLink destination="#{boilerBean.backURL}"
        rendered="#{security.authenticated}"
        inlineStyle="white-space:nowrap" id="gtbrspmxml3">
    <af:outputText value="#{boilerBean.backURLTitle}" id="gtbrspmxml2"/>
</af:goLink>

```

12 Tagging Button

```

<af:region value="#{bindings.secondaryTabBarTaggingPopupTaskFlow.regionModel}"
rendered="#{security.authenticated and
        (pageFlowScope.showTagsAndLinks or
        o_w_w_i_v_s_tabManager.menuModel.focusRowData.pathInfo !=
null and
        not empty
o_w_w_i_v_s_tabManager.menuModel.focusRowData.allowedOperations
        and
o_w_w_i_v_s_tabManager.menuModel.focusRowData.allowedOperations['VIEWTAGS'] ==
true) and
        o_w_w_i_v_s_tabManager.menuModel.focusDepth gt 0}"
        id="tagging"/>
<!-- Retain the wc.contextURL param for service main view pages -->
<tag:taggingButton id="secTagBtn"
resourceId="#{o_w_w_i_v_s_tabManager.menuModel.focusRowData.pathInfo}#{pageDocBean
.pageDef != null and
        pageDocBean.pageDef.customAttributeValueMap !=
null and
pageDocBean.pageDef.customAttributeValueMap['WEBCENTER_SERVICE_ID'] != null ?
        boilerBean.persistableRequestParams :
boilerBean.persistableRequestParamsForTagging}"
        rendered="#{security.authenticated and
        (pageFlowScope.showTagsAndLinks or
o_w_w_i_v_s_tabManager.menuModel.focusRowData.pathInfo != null and
        not empty
o_w_w_i_v_s_tabManager.menuModel.focusRowData.allowedOperations
        and
o_w_w_i_v_s_tabManager.menuModel.focusRowData.allowedOperations['VIEWTAGS'] ==
true) and
o_w_w_i_v_s_tabManager.menuModel.focusDepth gt 0}"
        resourceName="#{not empty
o_w_w_i_v_b_resourceViewerBean.peopleConnDocTitle ?
o_w_w_i_v_b_resourceViewerBean.peopleConnDocTitle
        : pageDocBean.title != null ?
pageDocBean.title

```



```

:
pageFlowScope.o_w_w_i_v_b_currRequestParamMap['wc.tabLabel']]#{pageDocBean.wikiBlogName}"

```

```

        serviceId="#{'oracle.webcenter.page'}" showLabel="false"/>

```

Note: As this component uses region bindings you must upload the binding information to MDS. For details, refer to the section [Deploying Template Region Binding](#).

13 Linking Button

```

<af:region value="#{bindings.linksDetailPopupTaskFlow.regionModel}"
rendered="#{security.authenticated and
        (pageFlowScope.showTagsAndLinks or
         not empty
o_w_w_i_v_s_tabManager.menuModel.focusRowData.allowedOperations
         and
o_w_w_i_v_s_tabManager.menuModel.focusRowData.allowedOperations['VIEWLINKS'] ==
true) and
        o_w_w_i_v_s_tabManager.menuModel.focusDepth gt 0}"
        id="links"/>
<rel:linksDetailButton id="secondaryTabBarLinksDetailButton"
        objectDescription="#{not empty
o_w_w_i_v_b_resourceViewerBean.peopleConnDocTitle ?
o_w_w_i_v_b_resourceViewerBean.peopleConnDocTitle
        : pageDocBean.title != null ?
pageDocBean.title
        :
pageFlowScope.o_w_w_i_v_b_currRequestParamMap['wc.tabLabel']]#{pageDocBean.wikiBlogName}"
        rendered="#{security.authenticated and
        (pageFlowScope.showTagsAndLinks or
         not empty
o_w_w_i_v_s_tabManager.menuModel.focusRowData.allowedOperations
         and
o_w_w_i_v_s_tabManager.menuModel.focusRowData.allowedOperations['VIEWLINKS'] ==
true) and
        o_w_w_i_v_s_tabManager.menuModel.focusDepth gt
0}"

```

```

objectId="#{o_w_w_i_v_s_tabManager.menuModel.focusRowData.pathInfo}#{boilerBean.pe
rsistableRequestParams}"

        objectName="#{not empty
o_w_w_i_v_b_resourceViewerBean.peopleConnDocTitle ?
o_w_w_i_v_b_resourceViewerBean.peopleConnDocTitle
: pageDocBean.title != null ?
pageDocBean.title
:
pageFlowScope.o_w_w_i_v_b_currRequestParamMap['wc.tabLabel'] }#{pageDocBean.wikiBlo
gName}"

        serviceId="oracle.webcenter.page" smallIcon="false"
        binding="#{requestScope.secondaryTabBarLinksDetailButton}"

partialTarget="#{requestScope.secondaryTabBarLinksDetailButton}"

        showLabel="false"/>

```

Note: As this component uses region bindings you must upload the binding information to MDS. For details, refer to the section [Deploying Template Region Binding](#).

14 Manage Pages Link

```

<af:group>

    <af:commandImageLink text="#{uib_o_w_w_r_WebCenter.PAGE_CONTEXT_MANAGE_PAGES}"
        shortDesc="#{uib_o_w_w_r_WebCenter.PAGE_CONTEXT_MANAGE_PAGES_DESC}"
        id="managePagesLink"
        icon="/adf/webcenter/managepages_qualifier.png"
        hoverIcon="/adf/webcenter/managepages_qualifier.png"
        depressedIcon="/adf/webcenter/managepages_qualifier.png"
        rendered="#{security.authenticated and
            not empty
boilerBean.focusPrimaryTab.allowedOperations and
boilerBean.focusPrimaryTab.allowedOperations['MANAGEPAGES'] == true}"
        partialSubmit="true" immediate="true">

        <af:clientListener method="showPageBrowserPopup" type="action"/>
        <af:setActionListener from="#{true}"
            to="#{pageFlowScope.managePagesLoaded}"/>
        <af:setActionListener from="#{true}"

```

```

        to="{requestScope.o_w_wa_refreshPageTree}"/>
    </af:commandImageLink>
    <!-- Manage Pages Dialog -->
    <af:popup id="pageBrowserPopup" contentDelivery="lazyUncached"
        rendered="{security.authenticated and
not empty boilerBean.focusPrimaryTab.allowedOperations
and boilerBean.focusPrimaryTab.allowedOperations['MANAGEPAGES'] == true}">
        <af:dialog title="{uib_o_w_w_r_WebCenter.TITLE_MANAGE_PAGES}"
            okVisible="false" cancelVisible="false"
            titleIconSource="/adf/webcenter/managepages_qualifier.png"
            id="pgctxlnkd2">
            <f:facet name="buttonBar">
                <af:panelGroupLayout layout="horizontal" inlineStyle="width:100%;"
                    id="pgctxlnkpgl2">
                    <af:panelGroupLayout layout="horizontal" halign="start"
                        id="pgctxlnkpgl3">
                        <af:commandButton text="{uib_o_w_w_r_WebCenter.LABEL_HELP}"
                            partialSubmit="true" id="pgctxlnkcb1">
                            <rh:helpLauncher helpTopicId="{WCAppContext.currentScope.default ==
true ? 'personal_cs_page_manager' : 'groups_cs_page_manager'}"/>
                        </af:commandButton>
                    </af:panelGroupLayout>
                    <af:panelGroupLayout layout="horizontal" halign="end"
                        id="pgctxlnkpgl4">
                        <af:commandButton text="{uib_o_w_w_r_WebCenter.LABEL_DONE}"
                            actionListener="{pageBrowserBean.refreshPageTabs}"
                            id="pgctxlnkcb2">
                            <af:clientListener method="hidePageBrowserPopup" type="action"/>
                        </af:commandButton>
                    </af:panelGroupLayout>
                </f:facet>
            <af:region value="{bindings.pageBrowser.regionModel}" id="pageBr"
                inlineStyle="width:750px;height:300px;"/>
        </af:dialog>
    <af:clientListener method="pageBrowserPopupClosedListener"

```

```

        type="popupClosed" />
    <af:serverListener type="serverPopupClosed"
        method="#{pageBrowserBean.serverPopupClosedListener}" />
</af:popup>
<trh:script text="
function togglePEPageMode(event) { ComposerUtils.toggleMode(event); }
function showPageBrowserPopup(event) { showPopup('pageBrowserPopup', event); }
function pageBrowserPopupClosedListener(event) {var source = event.getSource();
var popupId = source.getClientId(); var params = {}; params['popupId'] = popupId;
var type = 'serverPopupClosed'; var immediate = true;
AdfCustomEvent.queue(source, type, params, immediate);}
function hidePageBrowserPopup(event) { hidePopup('pageBrowserPopup', event); }
"></trh:script>
</af:group>

```

Note: As this component uses region bindings you must upload the binding information to MDS. For details, refer to the section [Deploying Template Region Binding](#).

15 Create Page Link

```

<af:commandImageLink id="createPersonalPageButton"
    shortDesc="#{uib_o_w_w_r_WebCenter.TOOLTIP_MANAGE_PAGES_CREATE_PAGE}"
    icon="/adf/webcenter/new_ena.png"
    text="Create Page"
    depressedIcon="/adf/webcenter/new_dwn.png"
    hoverIcon="/adf/webcenter/new_ovr.png"
    actionListener="#{boilerBean.clickCreatePage}"
    immediate="true" partialSubmit="true"
    rendered="#{security.pageCreationAllowed}" />
<!-- Create Page Dialog -->
<f:subview id="createPageWizard">
    <af:popup id="popup" contentDelivery="lazy"
        rendered="#{security.pageCreationAllowed}">
        <af:setPropertyListener from="true"
            to="#{boilerBean.createPageTaskFlowActive}"
            type="popupFetch" />
        <af:dialog title="#{uib_o_w_w_r_WebCenter.CREATE_PAGE_DIALOG_TITLE}"
            titleIconSource="/adf/webcenter/new_qualifier.png"

```

```

        dialogListener="#{boilerBean.clickCreatePageFromWizard}"
        affirmativeTextAndAccessKey="#{uib_o_w_w_r_WebCenter.LABEL_CREATE}"
        styleClass="PSCreatePageDialog" modal="true" type="okCancel"
        id="pgctxlnkd1">
    <c:if test="${boilerBean.createPageTaskFlowActive}">
        <af:region value="#{bindings.pageCreationRegion.regionModel}"
            id="pgeCre"/>
    </c:if>
</af:dialog>
</af:popup>
</f:subview>

```

Note: As this component uses region bindings you must upload the binding information to MDS. For details, refer to the section [Deploying Template Region Binding](#).

16 Search Box

```
<af:region value="#{bindings.localToolbarSearch.regionModel}" id="search"/>
```

Note: As this component uses region bindings you must upload the binding information to MDS. For details, refer to the section [Deploying Template Region Binding](#).

17 Preferences Link

```

<af:commandLink text="#{uib_o_w_w_r_WebCenter.GLOBAL_LINK_PREFERENCES}"
    id="preferencesLink" partialSubmit="true"
    inlineStyle="white-space:nowrap" immediate="true"
    rendered="#{security.authenticated}"
    shortDesc="#{uib_o_w_w_r_WebCenter.GLOBAL_LINK_PREFERENCES_DESC}">
    <af:showPopupBehavior popupId="prefer:preferencesPopup"/>
</af:commandLink>
<af:region value="#{bindings.preferenceRegion.regionModel}"
    rendered="#{security.authenticated}" id="prefer"
    partialTriggers=":preferencesLink"/>

```

Note: As this component uses region bindings you must upload the binding information to MDS. For details, refer to the section [Deploying Template Region Binding](#).

18 Favorites

```

<af:commandImageLink id="favoritesLink"
shortDesc="#{uib_o_w_w_r_WebCenter.LABEL_FAVORITES_DESC}"
icon="/adf/webcenter/favorites_ena.png"
depressedIcon="/adf/webcenter/favorites_dwn.png"
hoverIcon="/adf/webcenter/favorites_ovr.png"
immediate="true" partialSubmit="true"
styleClass="WCLinkMenu"
rendered="#{security.authenticated}">
<af:showPopupBehavior popupId="fav:favoritesPopup"/>
</af:commandImageLink>
<af:region value="#{bindings.favoritesTaskFlow.regionModel}" id="fav"
partialTriggers="::favoritesLink"
rendered="#{security.workplaceUser}"/>

```

Note: As this component uses region bindings you must upload the binding information to MDS. For details, refer to the section [Deploying Template Region Binding](#).

19 Create Group Space Link

```

<af:panelGroupLayout id="createGSPGL" layout="horizontal"
rendered="#{security.authenticated and
security.createSpaceAllowed}">
  <af:commandLink text="#{uib_o_w_s_r_Spaces.HEADING_CREATE_COMMUNITY}"
id="createGSdialogLauncherCL" inlineStyle="white-space:nowrap"
partialSubmit="true" immediate="true">
  <af:showPopupBehavior popupId="crtGS:createGroupSpacePopup"/>
</af:commandLink>
  <af:region value="#{bindings.createGroupSpaceRegion.regionModel}" id="crtGS"
partialTriggers="::createGSdialogLauncher"/>
</af:panelGroupLayout>

```

Note: As this component uses region bindings you must upload the binding information to MDS. For details, refer to the section [Deploying Template Region Binding](#).

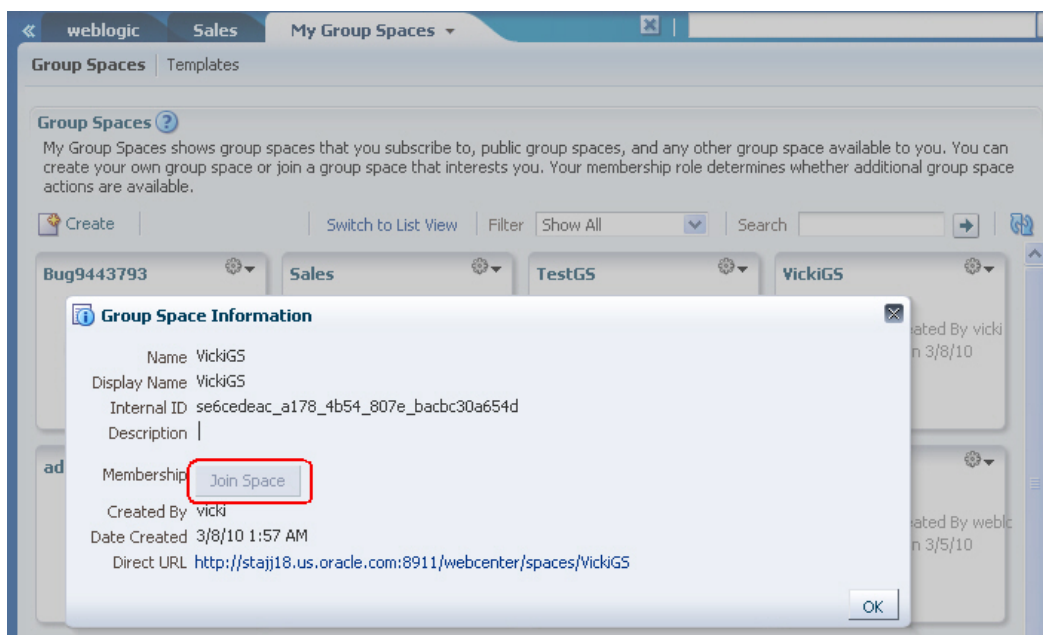
20 Group Space Subscribe Link

```

<af:commandButton text="#{uib_o_w_s_r_Spaces.GROUP_SPACES_MANAGE_JOIN_SPACE}"
                  partialSubmit="true"
actionListener="#{CommunityBrowser.clickCommunitySubscriptionLink}"
                  id="cmadbtofccb11">

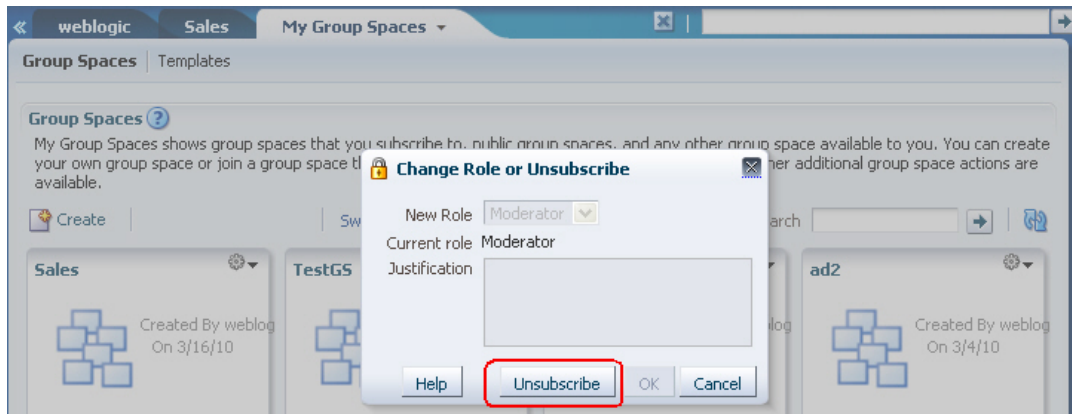
    <f:attribute name="communityName" value="CommunityNameToSubscribe" />
</af:commandButton>

```



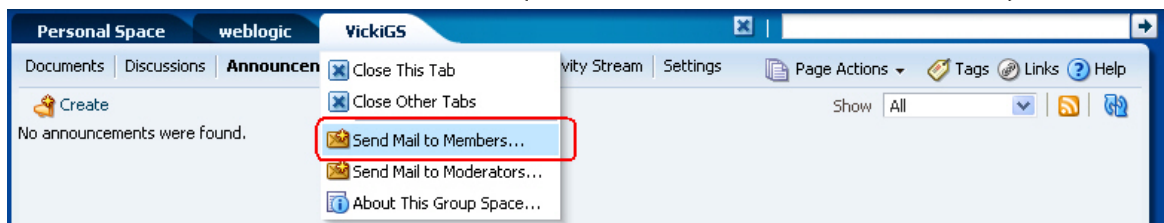
21 Group Space UnSubscribe Link

```
<af:commandButton partialSubmit="true"
    actionListener="#{CommunityBrowser.unsubscribeUser}"
    text="#{uib_o_w_s_r_Spaces.COMMUNITY_UNSUBSCRIBE}"
    id="cmadbtoccb8">
    <f:attribute name="commName" value="CommunityNameToUnsubscribe"/>
</af:commandButton>
```



22 Group Space Mail Members Link

```
<ns:notificationMenuItem id="sendEmailToMembers"
    text="#{uib_o_w_w_r_WebCenter.LABEL_SEND_EMAIL_TO_MEMBERS}"
    serviceId="#{'oracle.webcenter.community'}"
    templateId="#{'default.xml'}"
    resourceType="#{uib_o_w_s_r_Spaces.LABEL_COMMUNITY}"
    resourceId="#{null}"
    resourceName="#{spaceContext.currentSpace.metadata.displayName}"
    parameterMap="#{o_w_wa_tabMenuBean.emailMembersParams}"/>
```



Deploying Template Region Bindings

If your site template makes use of WebCenter Spaces components that use region binding you must upload the binding information to MDS as follows:

1. Navigate to the directory `WC_ORACLE_HOME/common/bin`.
2. From the command line, enter the command:

```
wlst.sh
```

For example: `WC_ORACLE_HOME/common/bin/wlst.sh`

3. At the WLST command prompt, enter the following command to connect to the Administration Server for Oracle WebCenter:

```
connect ('<user_name>', '<password>',
 '<host_name>:<port_number>')
```

For example:

```
connect ('weblogic', 'weblogic', 'myhost.example.com:7001')
```

4. Use the WLST command `importMetadata` to upload all the task flow bindings to the following MDS location:
`\oracle\webcenter\webcenterapp\bindings\pageDefs\mdssys\cust\site\webcenter`

For example:

```
importMetadata(application='webcenter',
 server='WLS_Spaces',
 fromLocation='<Unzip_Dir>/ExtendWebCenterSpaces/SourceFiles
/mdsDocs', docs='/oracle/webcenter/webcenterapp/bindings/pag
eDefs/mdssys/cust/site/webcenter/oracle_webcenter_webcenter
app_view_templates_WebCenterAppShellTemplatePageDef.xml.xml
')
```

Task flow bindings for WebCenter Spaces components are located in the file
`<Unzip_Dir>/ExtendWebCenterSpaces/SourceFiles/mdsDocs/oracle/webcenter/webcenterapp/bindings/pageDefs/mdssys/cust/site/webcenter/oracle_webcenter_webcenterapp_view_templates_WebCenterAppShellTemplatePageDef.xml.xml`.

Migrating from WebCenter Spaces 11g Release 1 (11.1.1.1.0)

Only read this section if you are migrating from WebCenter Spaces 11g Release 1 (11.1.1.1.0). This section explains some changes in this release due to the introduction of site templates and the deprecation of the Display Mode property.

Group Space Display Mode

In WebCenter Spaces 11.1.1.1.0, group space moderators used the **Display Mode** option to switch between *Normal* and *Full Screen Mode* and the setting was stored in group space metadata as:

```
<space:shell-chrome-type>default/maximized</space:shell-chrome-type>
```

The metadata is retained in this release, for backward compatibility, but the **Display Mode** option is no longer available on the group space Settings page. In this release, WebCenter Spaces provides the **Site Template** option instead and a group space's site template configuration is stored in group space metadata as:

```
<space:gsSiteTemplateId>**site template ID**
</space:gsSiteTemplateId>
```

If the group space moderator configures a site template for the group space, `shell-chrome-type` resets to null. The reasons for this are described in the next section.

New Group Spaces

When you create a new group space in 11.1.1.2.0, all the metadata stored in the group space template is copied to the new group space except for the **Display Mode**. As the Display Mode is now deprecated, the `shell-chrome-type` metadata is no longer copied. Instead, the new group space inherits the **Default Group Space Site Template** that is set for the WebCenter Spaces application.

New Group Space Templates

When you create a new group space template in 11.1.1.2.0, the `gsSiteTemplateId` is saved as group space template metadata in the same way as other fields such as Offline, Closed, Discoverable, and so on.

Group Space Migration

When group spaces are migrated to 11.1.1.2.0 they look exactly the same as they did in the previous release, that is, group spaces display in Normal or Full Screen Mode. This configuration remains until the group space moderator modifies the new **Site Template** setting for the group space. At this point, the older **Display Mode** setting is nullified as described in the previous section.

Custom Chrome Migration

In WebCenter Spaces 11.1.1.1.0 you can customize out-of-the-box application templates (also referred to as a shell or a chrome) and create brand new chromes of your own. When you migrate to this release your chromes work exactly as before, providing that WebCenter Spaces is using one of the site templates supplied out-of-the-box—*Default or Maximized*.

If you want, you can configure your chromes to display in **Site Template** drop-downs. This enables administrators and group space moderators to quickly see which chrome options are available and make their selection.

Chromes can co-exist with site templates through a `chromeLevel` field in the site template registry. If you use custom chromes with WebCenter Spaces, Oracle recommends that you register your chromes as *'site template'* (in `WCSTemplates.xml`) as follows:

```
<site-template id="my.custom.site.template"
pagePath="/oracle/webcenter/webcenterapp/view/templates/WebCenter
AppShellTemplate.jspx"
pageDefPath="/oracle/webcenter/webcenterapp/bindings/pageDefs/ora
cle_webcenter_webcenterapp_view_templates_WebCenterAppShellTempla
tePageDef.xml"
    displayName="Custom Chrome Example"
    chromeLevel="customChromeExample"/>
```

When you register a custom chrome in `WCSTemplates.xml` the chrome displays in **Site Template** drop-downs. If you choose not to register your custom chromes in `WCSTemplates.xml` you can still access your custom chromes through the URL, as before, but the chromes are not readily available to administrators and group space moderators through the **Site Template** drop-downs.



Customizing Site Template in WebCenter
Spaces (11.1.1.2.0 and 11.1.1.3.0)
August 2010
Author: Alok Duggad
Contributing Authors: Sunil Franklin, Rosie
Harvey

Oracle Corporation
World Headquarters
500 Oracle Parkway
Redwood Shores, CA 94065
U.S.A.

Worldwide Inquiries:
Phone: +1.650.506.7000
Fax: +1.650.506.7200
oracle.com



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