



THEMING APPLICATIONS

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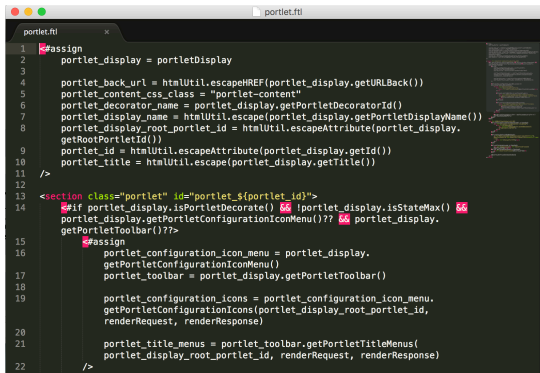
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STYLING YOUR APPLICATIONS

- ❖ Liferay themes have the ability to provide additional styles to applications.
- ❖ We've seen how developers can add *application decorators* to provide selectable application wrapper styles.
- ❖ Through the `portlet.ftl` developers can also change markup for the containers that hold applications.

PORTLET.FTL

- ❖ The default `portlet.ftl` can be found in the `build/templates` folder of your theme.
- ❖ To modify the HTML markup, developers can copy this into the `src/templates` folder of their custom theme.



```
1 #assign
2   portlet_display = portletDisplay
3
4   portlet_back_url = htmlUtil.escapeHREF(portlet_display.getURLBack())
5   portlet_content_css_class = "portlet-content"
6   portlet_decorator_name = portlet_display.getPortletDecoratorId()
7   portlet_display_name = htmlUtil.escape(portlet_display.getPortletDisplayName())
8   portlet_display_root_portlet_id = htmlUtil.escapeAttribute(portlet_display.
9     getRootPortletId())
10   portlet_id = htmlUtil.escapeAttribute(portlet_display.getId())
11   portlet_title = htmlUtil.escape(portlet_display.getTitle())
12 />
13
14 <section class="portlet" id="portlet_${portlet_id}">
15   <#if portlet_display.isPortletDecorate() && !portlet_display.isStateMax() &&
16     portlet_display.getPortletConfigurationIconMenu()?? && portlet_display.
17     getPortletToolBar()??>
18     <#assign
19       portlet_configuration_icon_menu = portlet_display.
20         getPortletConfigurationIconMenu()
21       portlet_toolbar = portlet_display.getPortletToolBar()
22
23       portlet_configuration_icons = portlet_configuration_icon_menu.
24         getPortletConfigurationIcons(portlet_display_root_portlet_id,
25         renderRequest, renderResponse)
26
27       portlet_title_menus = portlet_toolbar.getPortletTitleMenus(
28         portlet_display_root_portlet_id, renderRequest, renderResponse)
29   </if>
30 />
```

UNDERSTANDING THE PORTLET.FTL

- ❖ `portletDisplay`: is fetched from the `themeDisplay` object and contains information about the application
- ❖ `portlet_back_url`: URL to return to previous page with application WindowState is maximized
- ❖ `portlet_display_name`: Custom application name if set
- ❖ `portlet_id`: The id of application (not the same as the application namespace)
- ❖ `portlet_title`: Application name set in Portlet java class (usually from a `*Keys.java` class)

PORTLET.FTL PORTLET HEADER

- ❖ This conditional checks to see the application header should be displayed.
- ❖ It checks to see if there is a application toolbar for the application (Configuration, Permissions, Look and Feel).

```
<#if portlet_display.isPortletDecorate() && !portlet_display.isStateMax() &&  
portlet_display.getPortletConfigurationIconMenu()?? && portlet_display.  
getPortletToolbar()??>
```

PORTLET.FTL PORTLET TITLE

- ❖ The application title menu is used in applications that allow for adding resources (Web Content Display, Media Gallery, Documents and Media).
- ❖ It's used to build a menu of items for adding resources.

```
portlet_title_menus = portlet_toolbar.getPortletTitleMenus(  
    portlet_display_root_portlet_id, renderRequest, renderResponse)
```

PORTLET.FTL PORTLET CONFIGURATION

- ❖ This contains the information for the configuration menu (Configuration, Permissions, Look and Feel).
- ❖ The rest of the files contain the HTML markup for the application topper and the application content.
- ❖ It is possible to add CSS classes, change markup, or add custom information.
- ❖ For styling the look and feel of all applications, use the CSS classes found in this file in conjunction with the application decorators to achieve the desired look and feel.

```
portlet_configuration_icons =
```

```
portlet_configuration_icon_menu.getPortletConfigurationIcons(  
    portlet_display_root_portlet_id, renderRequest, renderResponse)
```

Notes: