



EMBEDDING APPLICATIONS INTO LAYOUT TEMPLATES

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EMBEDDING APPLICATIONS

- ❖ It is possible to embed an application in your layout template.
- ❖ This is very similar to embedding an application into the theme.
- ❖ The major difference is that administrators can be more flexible with where to apply a layout.
- ❖ If the application does not have a Java class that extends `BasePortletProvider`, developers can use `$theme.runtime()`.
- ❖ If it does, this is done using `$processor.processPortlet("CLASS_NAME", ACTION)`.

USING \$THEME.RUNTIME()

- ❖ In Liferay 6.2, you would pass the application id as a parameter into `runtime()`.
- ❖ In DXP, the application id is no longer a number but a snake case string of the application class path.
- ❖ For example, in 6.2, you could write `$theme.runtime('58')` to embed the login application into their layout.
- ❖ In DXP, you can accomplish the same thing by passing `$theme.runtime('com_liferay_login_web_portlet_LoginPortlet')`.

\$THEME.RUNTIME() EXAMPLE

- ❖ Here is an example where the Login application is embedded into a layout:

```
<div class="columns-1-2" id="main-content" role="main">
  <div class="portlet-layout">
    <div class="portlet-column portlet-column-only" id="column-1">
      $theme.runtime("com_liferay_login_web_portlet_LoginPortlet")

      $processor.processColumn("column-1", "portlet-column-content
      portlet-column-content-only")
    </div>
  </div>
  ...
</div>
```

\$PROCESSOR.PROCESSPORTLET("CLASS_NAME", ACTION)

- ❖ The `$processor.processPortlet` declaration, just as the theme declaration, expects two parameters:
 - ❖ The class name of the entity type you want the application to handle
 - ❖ The type of action
- ❖ For example, if you wanted to embed the Breadcrumb application into the layout, you could use the following:

```
$processor.processPortlet("com.liferay.portal.kernel.  
servlet.taglib.ui.BreadcrumbEntry", $portletProviderAction.VIEW)
```

WHERE SHOULD MY APPLICATION GO?

- ❖ If you want an application, such as the search or language application, to be embedded on every site page, you should embed the application in the theme.
- ❖ In the case where you want to embed an application with a particular layout not to be displayed on every page, you can embed it in the layout template.
- ❖ This gives developers as much flexibility as they need when embedding applications.

Notes: