



CUSTOMIZING APPLICATION DISPLAYS

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KEEPING THE LOOK

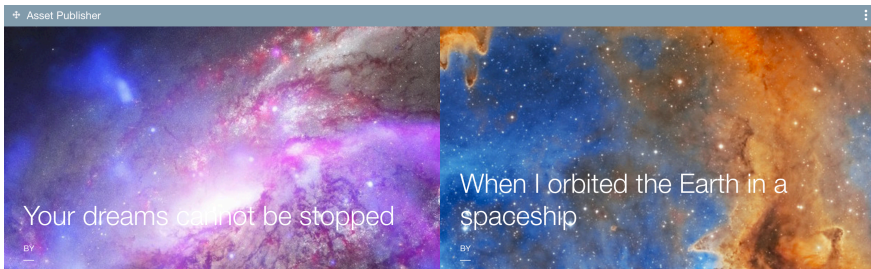
- ❖ We want to keep applying our look and feel throughout Liferay.
- ❖ Templates give us the tools to create consistent styling in most places:
 - ❖ *Theme Templates* control the basic HTML and page styling for every page in Liferay
 - ❖ *Layout Templates* control application layout on pages
 - ❖ *Web Content Templates* control the look and feel and functionality of Web Content
 - ❖ *Workflow Notification Templates* apply our styles to Workflow notifications
- ❖ That takes care of most of the areas of Liferay we can directly control, aside from additional features.
- ❖ Many features are implemented in applications.
- ❖ Ideally, we want to make sure applications in Liferay look, feel, and behave consistent with our branding.

CUSTOMIZING APPLICATIONS

- ❖ Usually applications are built by developers using Java and complex back-end tooling.
- ❖ Customizing the display usually means becoming familiar with:
 - ❖ Java Web App structure
 - ❖ JSPs
 - ❖ Taglibs in JSPs
 - ❖ JSF
- ❖ In addition, you'd also need to have an environment set up to modify, build, and deploy applications in Liferay.
- ❖ Fortunately, Liferay lets us *override the default display* of lots of applications.
- ❖ Just like Web Content Display, applications can also support Templates.
- ❖ *Application Display Templates* take the same templating framework, and apply it to applications.

WHAT ARE APPLICATION DISPLAY TEMPLATES?

- ❖ The *Application Display Template (ADT)* framework allows administrators to override the default display of supported applications, removing limitations to the way your applications display content.
- ❖ With ADTs, you can define custom templates used to render asset-centric applications.



APPLICATIONS INCLUDED IN THE ADT FRAMEWORK?

- ❖ Any application can support ADTs, including custom-built applications.
- ❖ Liferay provides lots of content applications with full ADT support.
- ❖ The following applications support ADTs:
 - ❖ Asset Categories Navigation
 - ❖ Asset Publisher
 - ❖ Asset Tags Navigation
 - ❖ Blogs
 - ❖ Breadcrumb
 - ❖ Language
 - ❖ Media Gallery
 - ❖ Navigation Menu
 - ❖ RSS
 - ❖ SiteMap
 - ❖ Wiki

WHY USE ADTS?

- ❖ ADTs can create different displays for applications without back-end development.
- ❖ Use the same knowledge for building Web Content Templates, Workflow Notification Templates, and ADTs.
- ❖ ADTs provide the ability to:
 1. Create multiple views for a single application that can be selected by a Site Administrator
 2. Develop with advanced back-end functionality like serviceLocator and tag libraries through the GUI without having to deploy your changes to the server
 3. Use advanced styling options like Lexicon CSS

Notes: