



STYLING CONTENT WITH WEB CONTENT TEMPLATES

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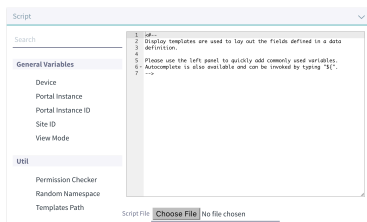
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STYLING CONTENT ARTICLES

- ❖ You can provide styles to *Web Content* using either the WYSIWYG editor directly, or by embedding the styles into a *Web Content Template (Template)*.
- ❖ The Alloy Editor can be used to add HTML/CSS/JavaScript changes into basic Web Content.
- ❖ We're going to focus on the more advanced Template option.
- ❖ A Template is responsible for displaying content from a *Web Content Structure (Structure)* and ultimately determines how the content is displayed.

ADDING TEMPLATES

- ❖ In *Site Administration*→*Content*→*Web Content*, you can add Structures and Templates.
- ❖ Templates are managed in the *Options* menu.
- ❖ You have two methods of adding templates:
 - Attaching an ftl file
 - Using the editor
- ❖ The editor gives you quick access to some default variables.



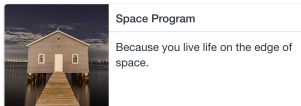
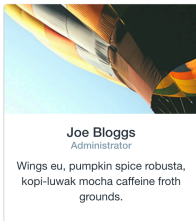
DEVELOPING TEMPLATES

- ❖ Web Content is unique in that Structures can be provided by *Content Managers*.
- ❖ When developing Templates, you can simply reference the Structure fields and determine how to display them.
- ❖ All HTML tags, by default, will inherit the global styling from the Theme.
- ❖ You can use the `<style>` and `<script>` tags to provide custom CSS and JavaScript for the Template.



LEXICON CSS IN TEMPLATES

- ❖ As discussed previously, Lexicon CSS styles can easily be applied to both Themes and Templates.
- ❖ Developers can take advantage of Lexicon CSS components and elements to anything from *Cards* to *Modals*.
- ❖ If the Theme has customized any of the base Lexicon CSS styling, these changes will also apply to Templates.



GENERIC TEMPLATES

- ❖ You can also create what are called *Generic Templates*.
- ❖ *Generic Templates* are Web Content Templates that are not associated with a Structure.
- ❖ This allows you to create stand-alone Templates that include certain taglibs, and/or embedded applications, that can be applied to any content.
- ❖ Generic Templates can also be imported into other Templates using:
`<#include "${templatesPath}/TEMPLATE-ID" />`

EMBEDDING APPLICATIONS IN TEMPLATES

- ❖ Applications, custom or core, can be embedded into Templates.
- ❖ This means you can ensure application functionality is displayed with Web Content.
- ❖ For example, if we wanted to embed the *Currency Converter* application, we could do the following:

- ❖ In FreeMarker:

```
<@liferay_portlet_ext["runtime"] portletName="com_liferay_currency_converter_web_portlet_CurrencyConverterPortlet" />
```

- ❖ In Velocity:

```
$theme.runtime("com_liferay_currency_converter_web_portlet_CurrencyConverterPortlet");
```

THE POWER OF TEMPLATES

- ❖ You can provide consistent look and feel on the platform with Web Content Templates.
- ❖ These Templates have access to many of the same tools used in front-end development such as:
 - ❖ Bootstrap
 - ❖ CSS
 - ❖ HTML
 - ❖ Lexicon CSS
 - ❖ Freemarker

Notes: