



Liferay Journal Content Management System

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Overview

- Liferay Portal comes prepackaged with a Content Management System known as “Liferay Journal.”
- Liferay Journal is a set of portlets that manipulate and display Journal content and include an Image Gallery and JSR-170 compliant Document Library.



Journal Components

- **Structure** – An XML definition of the dynamic content for the page. The content may be text, a text box, a text Area (HTML), an image, a boolean flag (true or false), a selection list, or a multiple selection list.
- **Template** – A Velocity or XSL Transformation of the XML structure; it defines the structure of the article. Templates are typically attached to structures
- **Article** – The content of the web page is placed here. (e.g. the Liferay home page article, <http://www.liferay.com>) An article is attached to a structure and a template.



Structure

- A Structure is an XML definition of the content on the page.
- It can contain any number of elements of various types. This can include basic types (e.g., text, text area, and image) or types often utilized by the Template to manipulate the data based on specific logic (e.g., boolean, selection list, and multiple selection list).
- A Structure provides the basic building blocks of the Journal and is normally created before Templates or Articles.

Template

- A Template takes the building blocks of the Structure and, sometimes invoking certain logic, lays out the content via HTML and VM/XSL.
- So, for a given Structure, a Template can look like one of the following:

My Title



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My Title



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Article

- An Article takes the elements specified by the Structure and populates them with specific content.
- Since a given Structure can have multiple Templates, an Article can select from the variety of Templates attached to the Structure.
- Alternatively, a user can create a “Simple Article” by not associating it to a Structure and Template. This would result in a simple HTML-based text area.
- All standard Articles (text and images) can be localized for the languages supported by your portal. However, the Simple Article does not have this ability.



Journal Suite of Portlets

- Other Journal-related portlets include:
 - Journal Articles
 - Journal Content and Journal Content Search
 - Document Library and Recent Documents
 - Image Gallery
- Additional portlets that are useful for Content Management:
 - Breadcrumb
 - Navigation
 - Site Map



Revision History

10/09/07

Alexander Chow

Initial Creation