

# Applications WebContentProposal

## Apache Portals Web Content Application 2.x Proposal

### 1. Objectives

- Reverse proxy module to be runnable in both portlet env and servlet (non-portlet) env
- Easier and more flexible content rewriting module
- More intuitive reverse proxy mapping configuration
- More componentized module structure and usage of an IoC container
- More extensible SSO integration support
- Other possible extensibility (e.g, to allow to inject a custom ESI processing component)

### 2. Assumptions

- 2.0 may break backward compatibility in both code and configuration

### 3. Tasks

#### 1. [APA-56] Branching apa-webcontent-1.x and use trunk for 2.x. 2. [APA-57] Maven project restructuring

- content-rewriter : content rewriting module decoupled with portlet-api
- reverse-proxy : reverse proxy module decoupled with portlet-api
- portlets : portlet classes
- war : (portlet) web application
- 3. [APA-58] Change package name structure (org.apache.portals.application.webcontent2.\*\*)
- 4. [APA-59][APA-60] Designing Content Rewriter module and evaluating 3rd party solutions (e.g, htmlcleaner)
- 5. [APA-61] Componentizing reverse proxy module
- to be runnable through both simple configuration files and advanced spring assembly
- 6. Consider improving reverse proxy mapping configuration
- YAML instead of properties file??
- 7. Implementing Content Rewriter module with componentization
- 8. Evaluating open (de facto) SSO standards/technologies to possibly integrate
- 9. Provide external SSO integration API with an example
- 10. Considering other possible extensibility

### 4. Possible candidate plans

- 2.0 (Task 3.1 to 3.5)
- 2.1 (Task 3.6 to 3.7)
- 2.2 (Task 3.8 to 3.9)
- 2.3 (Task 3.10 ~ )