

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 support custom ESI processing component)

2. Assumptions

- 2.0 may break backward compatibility in both code and configuration

3. Tasks

3.1. Branching apa-webcontent-1.x and use trunk for 2.x.

3.2. 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
- 3.3. Change package name structure (org.apache.portals.application.webcontent2.**)
- 3.4. Componentizing reverse proxy module
- use spring framework or anything else as dependency injection?
- 3.5. Improve reverse proxy mapping configuration
- consider using YAML instead of properties file
- 3.6. Designing Content Rewriter module and evaluating 3rd party solutions (e.g, htmlcleaner)
- 3.7. Implementing Content Rewriter module with componentization
- 3.8. Evaluating open (de facto) SSO standards/technologies to possibly integrate
- 3.9. Provide external SSO integration API with an example
- 3.10. 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 ~)