Gemini Blueprint Graduation & 1.0.0 Release Review

eclipse

Planned Review Date: TBA (early 2011) Communication Channel: Gemini forum Costin Leau (Subproject Lead)

Introduction

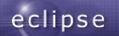
- Gemini Blueprint is a mature project derived from SpringSource Spring Dynamic Modules 2.0 project, which is the Reference Implementation of the OSGi 4.2 Blueprint specification
- Major use case: DI framework for OSGi applications
- Release contents:

eclipse

- Blueprint container runtime
- Unit and integration tests
- Reference documentation

Introduction (continued)

- Gemini Blueprint is an active project, ready for graduation
 - Committees: 4 (SpringSource/Vmware & Oracle)
 - Non-committer code contributors: 0



Features

eclipse

- The objective of this release is migration of community and applications from Spring Dynamic Modules 1.x & 2.x
- Gemini Blueprint specific features:
 - Various improvements to the ConfigAdmin support
 - Fixed pattern matching for bundles with custom classpaths
 - Different package structure
 - Upgrades to the latest OSGi platforms
 - Test and build improvements

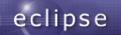
Features (continued)

- Features inherited from Spring Dynamic Modules:
 - Core Spring container support
 - Spring DM 1.x configuration support



Non-Code Aspects

- User documentation:
 - OSGi 4.2 Core Specification
 - Basic usage instructions on the Gemini Blueprint wiki
 - Dedicated information through the Blueprint User Guide
- I18n not relevant as there are no end user oriented messages



APIs

- Supported spec APIs
 - OSGi 4.2 Blueprint 1.0
 - Integrates with: OSGi 4.2 Core and Compendium Services
- Native API
 - Extensive API for interacting with the container



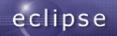
Architectural Issues

None



Tool Usability

No tools provided



End-of-Life

Not applicable



Bugzilla

Not fixed (yet) – P3

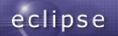
Severity			Total
	normal	5	<u>5</u>
	enhancement	2	2
	Total	7	7

CQ Approved - 7



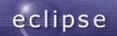
Standards

- Gemini Blueprint requires Java 5 or later
- Supports Blueprint bundles as defined by OSGi Spec v4.2
- Spring 2.5.x/3.0.x provides the underlying IoC container



UI Usability

There is no UI



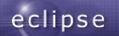
Schedule

- No schedule slippage
- Milestone produced



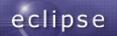
Communities

- Bugzilla in active use by users and contributors
- Gemini forum and gemini-dev less active
- Blogs
 - SpringSource blog covers Gemini Blueprint milestone
- Twitter is used for propagating news updates
- Interaction with Virgo project
 - Spring DM is used as the programming model in Virgo; in the future it will be replaced by Gemini Blueprint



IP Log

- Eclipse IP policies and procedures have been followed
- IP Log
 - http://www.eclipse.org/projects/ip_log.php?projectid=rt.ge mini.blueprint



Graduation

- Gemini Blueprint must exit incubation to release 1.0.0
- The OSGi Blueprint project came with a stable codebase, a diverse set of users, and an open development process
- The codebase is stable and demonstrable
- The community is small but active
- The project is open and transparent
- Multiple users expressed interest in the graduation
- The team is adhering to the Eclipse development process and IP policy and relates well to other RT projects.

