

Gemini Web 2.2.0 Release Review

The word "eclipse" is written in a white, lowercase, sans-serif font. The letter 'i' is replaced by a dark, circular sphere with a bright white highlight on its upper-left edge, giving it a 3D appearance. Three horizontal white lines pass behind the sphere, extending to the left and right edges of the frame. The background is a dark blue gradient with a subtle radial glow around the sphere.

eclipse

Planned Review Date: 17-21 December 2012

Communication Channel: Gemini forum

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Introduction

- Gemini Web is a mature project derived from SpringSource OSGi Web Container v1.0.0
- Gemini Web is the Reference Implementation of the OSGi Web Applications specification
- Major use cases: web container for Virgo Server for Apache Tomcat and Virgo Nano Web
- Release contents:
 - Web container runtime

Features

- Update to Apache Tomcat 7.0.32
- Gemini Web dependencies updated to the latest versions
- Gemini Web dependencies are with changed symbolic names as they are consumed from Eclipse Orbit and not from EBR
- Several new features and enhancements
- Release Notes:
 - <http://www.eclipse.org/gemini/web/download/milestones.php>

Non-Code Aspects

- User documentation:
 - User Guide
 - Programmer Guide
 - OSGi Enterprise Specification
 - Further information in Virgo User Guide
- I18n not relevant as there are no end user oriented messages

APIs

- The project provides no APIs

Architectural Issues

- None

Tool Usability

- The Libra project supports creating Web Application Bundles
- The Virgo tooling also supports creating WABs

End-of-Life

- Not applicable

Bugzilla

- Fixed

		Target Milestone			
		2.2.0.M01	2.2.0.M02	2.2.0.M03	Total
Severity	critical	.	.	<u>1</u>	<u>1</u>
	normal	<u>6</u>	<u>3</u>	.	<u>9</u>
	trivial	.	<u>1</u>	.	<u>1</u>
	enhancement	<u>1</u>	<u>8</u>	<u>4</u>	<u>13</u>
	Total	<u>7</u>	<u>12</u>	<u>5</u>	<u>24</u>

Bugzilla

- Not fixed

		Target Milestone			
		---	2.2.0.RC1	2.2.1.RELEASE	Total
Severity	normal	<u>2</u>	.	<u>2</u>	<u>4</u>
	enhancement	<u>3</u>	<u>4</u>	.	<u>7</u>
	Total	<u>5</u>	<u>4</u>	<u>2</u>	<u>11</u>

Standards

- Gemini Web Container requires Java 6 or later
- Supports Web Application Bundles as defined by OSGi Enterprise Specification v.4.2 or later
- Apache Tomcat 7 provides underlying Servlet 3.0 support

UI Usability

- There is no UI

Schedule

- Gemini Web 2.2.0 planned to participate in Virgo 3.6.0 release. Both are planned to be released on 20.12.2012.

Communities

- Bugzilla in active use by users and contributors
- Gemini forum and gemini-dev less active
- Blogs
- Twitter is used for propagating news updates
- Committers have demo'd Gemini Web at EclipseCon and DemoCamps
- Presentations at EclipseCon
- Interaction with Virgo project
 - Gemini Web is regarded as a sister project of Virgo

IP Log

- Eclipse IP policies and procedures have been followed.
- Frozen IP Log
 - <https://bugs.eclipse.org/bugs/attachment.cgi?id=224445>