#### Gemini Web 2.2.0 Release Review

# eclipse

Planned Review Date: 17-21 December 2012 Communication Channel: Gemini forum Violeta Georgieva (Subproject lead)

# 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.ph p



# **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



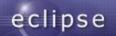
### **APIs**

The project provides no APIs



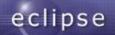
# **Architectural Issues**

□ None



# **Tool Usability**

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



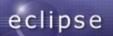


Not applicable



# ■ Fixed

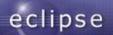
	Target Milestone							
		2.2.0.M01	2.2.0.M02	2.2.0.M03	Total			
Severity	critical			<u>1</u>	1			
	normal	<u>6</u>	<u>3</u>		<u>9</u>			
	trivial		1		1			
	enhancement	<u>1</u>	<u>8</u>	<u>4</u>	<u>13</u>			
	Total	<u>Z</u>	<u>12</u>	<u>5</u>	<u>24</u>			



# Bugzilla

Not fixed

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



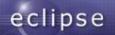
# **UI Usability**

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

