

# Java EE 6 RoadMap

## Geronimo 3.0 Road Map

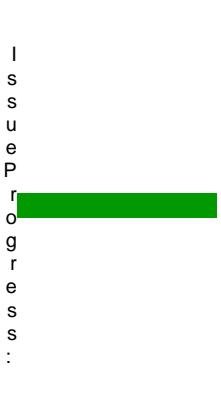
### Servlet 3.0 enhancements

Issue Progress:			
	Summary	Assignee	Pr
1.	The @WebListener annotation needs to be able to accept a value as the description	David Jencks	-
2.	MultipartConfig changes needed	David Jencks	-
3.	Jetty8 under osgi	David Jencks	↑
4.	Use Tomcat 7 in Geronimo 3.0	Unassigned	↑
5.	Support Servlet 3.0 annotation and fragment web file	Haihong Xu	↑
6.	Create javaee 6 Tomcat assemblies and plugin groups.	Unassigned	↑
7.	Create Servlet 3.0 version of the spec jar.	Unassigned	↑
8.	Support Servlet 3.0 new features in Tomcat assembly	Unassigned	↑

### JSP 2.2 Enhancements

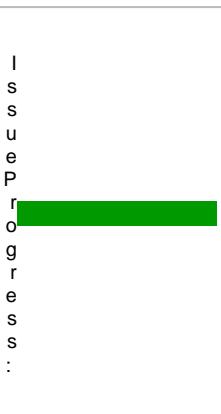
Issue Progress:			
	Summary	Assignee	Pr
4.	Create JSP 2.2 spec jar	Unassigned	↑

### Expression Language 2.2 Enhancements



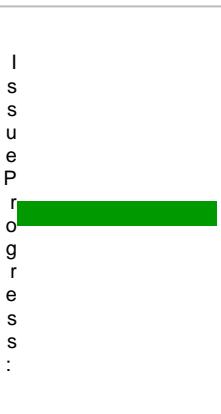
	Summary	Assignee	Pr	Status
4.	<a href="#">Implement EL spec 2.2</a>	Haihong Xu	↑	Closed

## Java Server Faces 2.0 enhancement



	Summary	Assignee	Pr	Status
4.	<a href="#">Update myfaces' version to 2.0</a>	Haihong Xu	↑	Closed
2.	<a href="#">Update the jsf spec level to 2.0</a>	Unassigned	↑	Closed

## EJBs in WAR files enhancement



	Summary	Assignee	Pr	Status
4.	<a href="#">Implement builder support for war embedded EJBs.</a>	David Jencks	↑	Closed

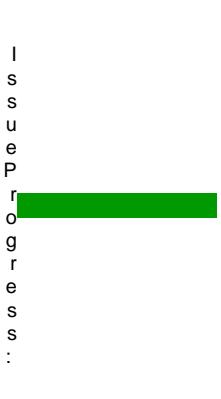
## Java EE 6 Global JNDI enhancements.

Summary		Assignee	Pr	Status
4.	New module/app/global jndi contexts in javaee 6 spec	David Jencks	↑	Closed

## Java ee 6 datasource resource definition enhancements.

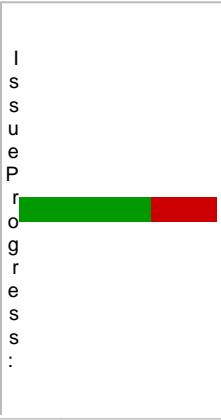
Summary		Assignee	Pr	Status
4.	Implement the DataSourceDefinition annotation	Unassigned	↑	Closed
2.	Add naming builder support for processing DataSourceDefinition annotations.	Jarek Gawor	↑	Closed

## JPA 2.0 enhancements.



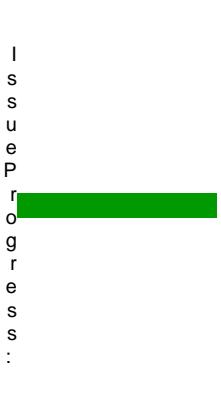
Summary	Assignee	Pr	Status
4. Update JPA 2.0 spec component	Donald Woods	↑	Closed
2. Create a plugin in for OpenJPA 2.0.	David Jencks	↑	Closed
3. OpenJPA2 plugin needs to replace use of Configuration.getConfigurationClassLoader()	Lei Wang	↑	Closed

## Java Connector Architecture 1.6 enhancements



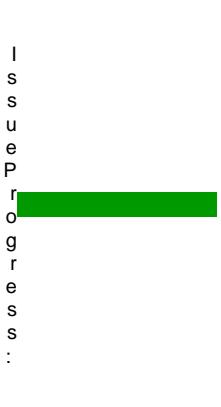
Summary	Assignee	Pr	Status
4. Connector 1.6 implementation	David Jencks	↑	Closed
2. Create connector 1.6 spec jar	David Jencks	↑	Closed
3. Add Bean Validation Support to the connector 1.6 implementation.	Richard McGuire	↑	Open

## JACC 1.4 enhancements



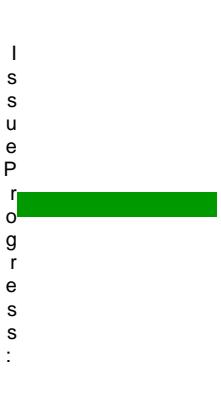
	Summary	Assignee	Pr	Status
4.	<a href="#">Create JACC 1.4 spec jar</a>	Xuan Dai	↑	Closed

## JASPIC 1.0 Enhancement



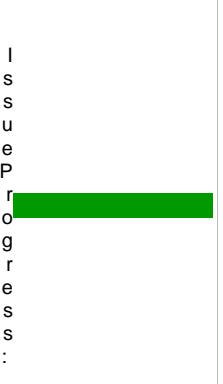
	Summary	Assignee	Pr	Status
4.	<a href="#">Create a spec jar for JASPIC 1.0</a>	Unassigned	↑	Closed
2.	<a href="#">Implement JASPIC 1.0 in Geronimo</a>	Unassigned	↑	Closed

## Common Annotations 1.1 enhancements



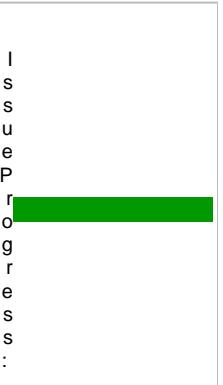
	Summary	Assignee	Pr	Status
4.	<a href="#">Create geronimo-annotation_1.1_spec jar</a>	Richard McGuire	↑	Closed

## EJB 3.1 Enhancements

Issue Progress:	
	

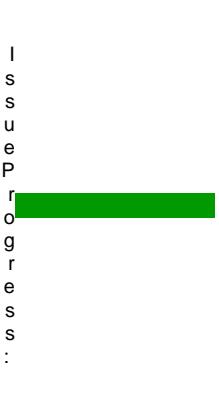
Summary	Assignee	Pr	Status
4. Create an ejb 3.1 spec jar implementation	Unassigned	↑	 Closed
2. Allow more granular selection of configured EJB features.	Unassigned	↑	 Closed
3. Integrate new EJB features into geronimo	Unassigned	↑	 Closed

## EJB 3.1 Lite enhancements

Issue Progress:	
	

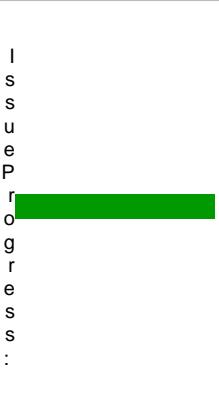
Summary	Assignee	Pr	Status
4. Build EJB 3.1 Lite plugin	Unassigned	↑	 Closed

Convert the minimal assembly into a Java EE 6 Web Profile assembly



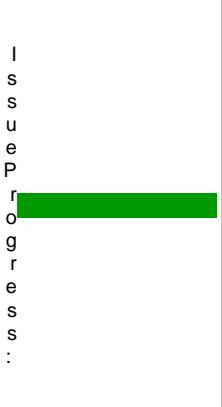
	Summary	Assignee	Pr	Status
4.	<a href="#">Create a plugin group that mirrors the JEE6 web profile.</a>	Unassigned	↑	Closed

## Interceptor 1.1 enhancements



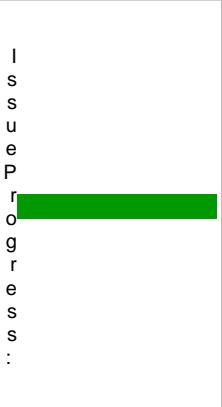
	Summary	Assignee	Pr	Status
4.	<a href="#">Create interceptor 1.1 spec jar</a>	Unassigned	↑	Closed

## Bean Validation 1.0 enhancements



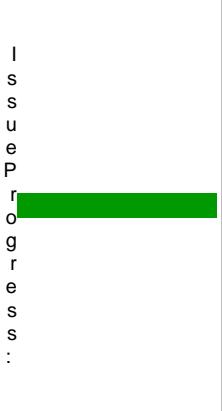
Summary	Assignee	Pr	Status
4. Create a bean validation 2.0 spec jar	Unassigned	↑	Closed
2. Add naming support for Validator and ValidatorFactory.	David Jencks	↑	Closed
3. Add support for application validation descriptor support for deployed applications.	Vamsavardhana Reddy	↑	Closed
4. Integrate the Bean Validation RI into Geronimo.	Unassigned	↑	Closed
5. Pass container ValidationFactory to the persistance manager when creating an entity manager.	Unassigned	↑	Closed
6. Add ValidatorFactory to servlet context for JSF usage.	Unassigned	↑	Resolved
7. Add classes for parsing a validation.xml descriptor	David Jencks	↑	Closed

## Managed Bean 1.0 enhancements



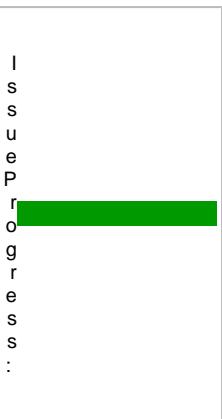
Summary	Assignee	Pr	Status
4. Implement the ManagedBean annotation	Unassigned	↑	Closed
2. Integrate ManagedBean support with the JSF implementation.	Unassigned	↑	Closed
3. Integrate the OpenEJB ManagedBean container support within Geronimo.	David Jencks	↑	Resolved
4. Add JNDI integration of Managed Beans.	Unassigned	↑	Resolved

## Dependency Injection 1.0 enhancements



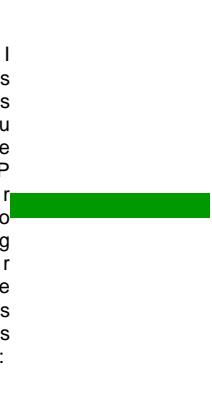
	Summary	Assignee	Pr	Status
4.	<a href="#">Add Dependency Injection spec jar.</a>	Unassigned	↑	Closed

## Contexts and Dependency Injection 1.0 enhancements



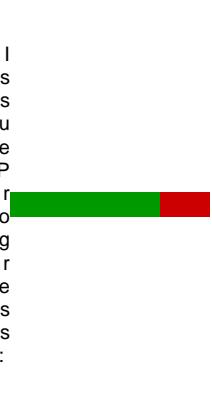
	Summary	Assignee	Pr	Status
4.	<a href="#">Adding JSR-330 and JSR-299 Spec. APIs</a>	Unassigned	↑	Closed
2.	<a href="#">geronimo-cdi-1.0 spec needs to be using the JEE6 dependencies, not the JEE5 versions.</a>	Unassigned	↑	Closed
3.	<a href="#">Java EE Injection annotation scanning for 299 beans</a>	Unassigned	↑	Closed
4.	<a href="#">Implement Bean Manager References (Java EE 6 spec section EE.5.19)</a>	Unassigned	↑	Closed

## Web Services for EE 1.3-MR2 enhancements



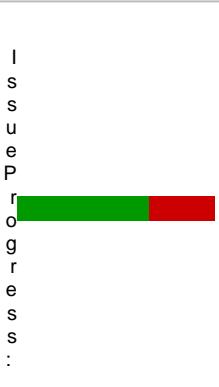
Summary	Assignee	Pr	Status
<a href="#">4. Enable Axis2 plugin in Geronimo 3.0</a>	Haihong Xu	↑	Resolved
<a href="#">2. axis 1 osgi integration</a>	David Jencks	↑	Closed

## JAX-WS 2.2 enhancements



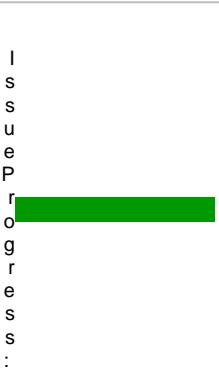
Summary	Assignee	Pr	Status
<a href="#">1. Enable cxf in Geronimo 3.0</a>	Lei Wang	↑	Open
<a href="#">2. System bundle exports JAX-WS packages with wrong version</a>	Richard McGuire	↑	Resolved
<a href="#">3. Create JAX-WS 2.2 spec jar</a>	Unassigned	↑	Resolved
<a href="#">4. Upgrade to JAX-WS compliant Axis2 implementation.</a>	Unassigned	↑	Closed

## JAX-RS 1.1 enhancements



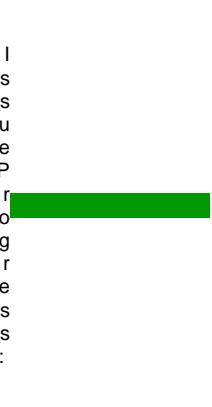
Summary	Assignee	Pr	Status
4. Create JAX-RS spec jar	Richard McGuire	↑	Resolved
2. Integrate Wink JAX-RS implementation into Geronimo.	Lin Quan Jiang	↑	Closed
3. Integrate CXF JAX-RS implementation into Geronimo.	Unassigned	↑	Open

## JAXB 2.2 enhancements



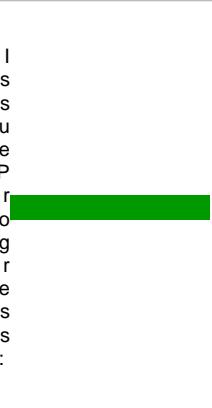
Summary	Assignee	Pr	Status
4. Create JAXB 2.2 spec jar	Lin Quan Jiang	↑	Closed
2. Integrate the 2.2 version of the jaxb reference implementation.	Richard McGuire	↑	Closed

## CORBA/Yoko OSGi enhancements



Summary	Assignee	Pr	Status
4. Figure out how to use ext and endorsed classpaths under felix/karaf and get our corba spec in there.	Unassigned	↑	Closed
2. Bundlize the yokos jar files.	Unassigned	↑	Closed
3. Update the CORBA plugins for the OSGi classloading model.	Unassigned	↑	Closed

## Upgrade from java ee 5 to java ee 6 support



Summary	Assignee	Pr	Status
1. Move geronimo-schema-j2ee and geronimo-schema-jee_5	Unassigned	↑	Closed
2. Add serialVersionUID to serializable spec classes from javadoc	Xuan Dai	↑	Closed
3. uddi osgi integration	Lin Quan Jiang	↑	Resolved
4. Use those xmlbeans generated by JAVA EE 6 schema files	Unassigned	↑	Closed
5. Move the term "j2ee" to "javaee" referred by plugin names and package names	Lei Wang	↑	Resolved
6. Inconsistent handling of META-INF/services files by different Geronimo specs.	Richard McGuire	↑	Closed
7. Add support for @Resource.lookup based injection	Jarek Gawor	↑	Resolved
8. Expose java:app/AppName and java:module/ModuleName in JNDI	Jarek Gawor	↑	Resolved
9. Remove -EA- versioning from the JEE6 spec versions.	Richard McGuire	↑	Closed
10. Uplevel the stax spec implementation to the 1.3 maintenance release level.	Richard McGuire	↑	Closed
11. Make spec version naming conventions consistent.	Unassigned	↑	Closed
12. Support environment entries of type Class or Enum	Jarek Gawor	↑	Closed

## Upgrade to JSTL 1.2 version

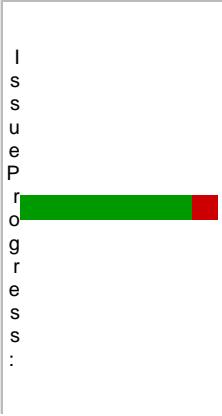
Issue Progress:	
<a href="#">1. Create a bundle version of jstl 1.2 and change dependencies to new version</a>	Unassigned   Closed

## Apache Aries enhancements

Issue Progress:	
<a href="#">1. Recognize Aries applications in Geronimo</a>	Jarek Gawor   Resolved

Summary	Assignee	Pr	Status
<a href="#">1. rfc 66 support for jetty and tomcat</a>	Unassigned   Closed		
<a href="#">3. Integrate WAR to WAB converter/url handler from Apache Aries</a>	Jarek Gawor   Closed		
<a href="#">4. Integrate JMX (RFC 142) implementation from Apache Aries</a>	Jarek Gawor   Closed		
<a href="#">5. Use Aries InitialContextFactoryBuilder</a>	David Jencks   Resolved		
<a href="#">6. Isolation for Apache Aries applications</a>	Unassigned   Open		
<a href="#">7. JTA OSGi services &amp; blueprint extensions</a>	Jarek Gawor   Closed		
<a href="#">8. Integrate Aries JPA OSGi component and blueprint extensions</a>	Jarek Gawor   Closed		

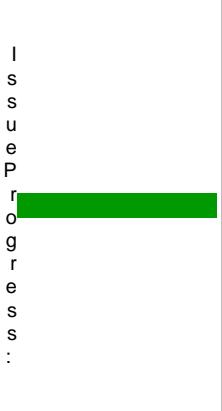
## Use OSGi for the Geronimo classloading model.



	Summary	Assignee	Pr	Status
4.	need license file modifications for imported plexus code in osgi sandbox modules/geronimo-plugin	Kevan Lee Miller	↑	Closed
2.	RMIClassLoader is not compatible with osgi	Unassigned	↑	Open
3.	How should we shut down plugin under osgi?	Unassigned	↑	Open
4.	osgi manifest for plugins is created in the car-maven-plugin, not the deployer	David Jencks	↑	Resolved
5.	Should plugins be packed jar files or exploded?	David Jencks	↑	Closed
6.	Use pax mvn urls everywhere possible.	Unassigned	↑	Open
7.	Convert Tomcat plugin to bundled version.	Unassigned	↑	Closed
8.	Figure out how to handle OSGI cache in Geronimo	Unassigned	↑	Open
9.	Reenable the client container in Geronimo	David Jencks	↑	Closed
4	Fix ConfigurationMonitorGBean management of PCRegistry class.	Richard McGuire	↑	Closed
4	Enable ActiveMQ plugin in the OSGI environment	David Jencks	↑	Closed
4	Some optimization for loaded bundle checking	Unassigned	-	Closed
4	Make application client container work under osgi	David Jencks	↑	Closed
4	WsdIGenerator needs to replace use of Configuration.addClassPath()	Unassigned	↑	Closed
4	To migrate existing geronimo gshell commands to karaf based shell.	Lin Quan Jiang	↑	Closed
4	prevent jasper from assuming all classloaders are URLClassLoaders	David Jencks	↑	Closed
4	base jetty servletcontext getResource on bundle getEntry	David Jencks	↑	Closed
4	Remove those specs and impl which are shipped by JRE 1.6	Unassigned	↑	Resolved
4	Nested child configurations from ears don't work well with osgi	David Jencks	↑	Resolved
2	Classpath entrys in karaf-client.jar is ..system/ instead of ..repository/	Lin Quan Jiang	↑	Closed
2	ee apps or other plugins can't contain gbeans	Unassigned	↑	Open
2	Jetty and tomcat need to support ServletContext.getResource from a bundle, not file system location	David Jencks	↑	Closed
2	Tomcat StandardContext use of Class.forName(className) doesn't work well in osgi	David Jencks	↑	Closed

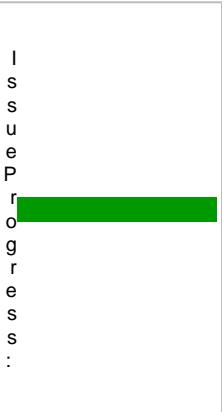
2	myfaces 2 osgi integration	Jarek Gawor	
2	Allow gbean classes to be loaded from another plugin	David Jencks	
2	Class and resource discovery in OSGi	Jarek Gawor	
2	Need to URLEncode temp bundle location since felix URLDecodes it	Jarek Gawor	
2	geronimo-maven-plugin needs to be updated for karaf	David Jencks	
2	Taglib discovery does not work	Jarek Gawor	
3	Geronimo versions of the specs should pick up the additions made to the service mix versions of the bundles.	Richard McGuire	
3	Discover database drivers in META-INF/services/java.sql.Driver files	Jarek Gawor	
3	Remove those classloader plugins	Unassigned	
3	Figure out whether we still need EditableConfigurationManager	Unassigned	
3	axis 1 bundle	David Jencks	
3	Create util methods for all the Geronimo components	Haihong Xu	-
3	Enable Java EE package deployment in Geronimo 3.0	Unassigned	
3	Make jsr88 work in trunk	David Jencks	
3	Enable car-maven-plugin to use Equinox	Jarek Gawor	
3	Remove GShell	Jarek Gawor	
4	Replace service versions of spec bundles with Geronimo latest versions.	Richard McGuire	
4	jaxb 2.2 version problem.	Richard McGuire	
4	Replace jaxws api version from JRE with Geronimo jaxws 2.2 API bundle.	Richard McGuire	
4	Version property variables should be used for all configuration versions in the framework startup.properties file.	Lei Wang	
4	Make testsuites run again	Ming Xia	

Support OSGi as a Geronimo programming model



Summary	Assignee	Pr	Status
4. gogo commands for manipulating g. plugins	Lin Quan Jiang	↑	Closed
2. Figure out how to use User Admin service in Geronimo 3.0	Unassigned	↑	Closed
3. Implement web container extender (RFC 66)	Jarek Gawor	↑	Closed

## Reorganize the Geronimo console and rebase on Pluto 2.



Summary	Assignee	Pr	Status
4. bundleize pluto support and base console	David Jencks	↑	Closed
2. ccpp (jsr 188) spec bundle	David Jencks	↑	Closed