

# Java EE 5 Report Card

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## Java EE 5 Report Card

This table will be used to track the progress of the Apache Geronimo Java EE 5.0 implementation. The implementation will be staged over multiple milestone builds of the 2.0 release. This incremental rollout will allow users to provide early feedback on the new functions. The milestone driver levels in the table below indicate when the code for a particular function was available. It does not make any indication as to TCK status. The project won't aim to declare overall Java EE 5.0 functional compliance and official TCK certification until Geronimo 2.0 is complete.

**For more detailed information, consult the Release Notes for the individual milestones.**

Spec	Version	JSR No.	Changes from J2EE 1.4	Latest Package(s)	Milestone Build (Initial Drop)
<b>Web Application Technologies</b>					
Servlet	Servlet 2.5	JSR 154	Maintenance Update from Servlet 2.4	Tomcat-6.0-G522103 (based on 6.0.10) Jetty-6.1-SNAPSHOT	<b>2.0-M1</b>
Java Server Pages	JSP 2.1	JSR 245	Upgrade from JSP 2.0	Jasper-6.0-G522103 (based on 6.0.10)	<b>2.0-M1</b>
JSP Debug	JSP Debug 1.0	JSR 45	New for Java EE 5.0	Jasper-6.0-G522103 (based on 6.0.10)	<b>2.0-M1</b>
Java Server Faces	JSF 1.2	JSR 252	New for Java EE 5.0	Myfaces-impl-1.2.0-SNAPSHOT	<b>2.0-M3</b>
Java Server Pages Standard Tag Library	JSTL 1.2	JSR 52	New for Java EE 5.0	Glassfish-jstl-1.2	<b>2.0-M1</b>
<b>Enterprise Application Technologies</b>					
JavaBeans Activation Framework	JAF 1.1	JSR 925	Maintenance Update from JAF 1.0	Geronimo implementation	<b>2.0-M1</b>
JavaMail	JavaMail 1.4	JSR 919	Maintenance Update from JavaMail 1.3	Geronimo implementation	<b>2.0-M1</b>
Java Persistence API	JPA 1.0	JSR 220	New for Java EE 5.0	OpenJPA-0.9.6-incubating	<b>2.0-M1</b>
Java Transactions API	JTA 1.1	JSR 907	Maintenance Update from JTA 1.0	Geronimo implementation	<b>2.0-M1</b>
Java Message Service API	JMS 1.1	JSR 914	Same as J2EE 1.4	Activemq-4.1-SNAPSHOT	<b>2.0-M1</b>
Java EE Connector Architecture	JCA 1.5	JSR 112	Same as J2EE 1.4	Geronimo implementation	<b>2.0-M1</b>
Java Authorization Contract for Containers	JACC 1.1	JSR 115	Maintenance Update from JACC 1.0	Geronimo implementation	<b>2.0-M1</b>
Common Annotations for the Java Platform	Annotations 1.0	JSR 250	New for Java EE 5.0	Geronimo implementation	<b>2.0-M3</b> - Partial support <b>2.0-M4</b> - Fully supported
Enterprise JavaBeans	EJB 3.0	JSR 220	Upgrade from EJB 2.1	OpenEJB 3.0 Snapshot	<b>2.0-M2</b> - Partial support <b>2.0-M3</b> - Partial support <b>2.0-M4</b> - Nearly complete support
<b>Management</b>					
Java EE Management	Java EE Mgmt 1.1	JSR 77	Maintenance Update from Mgmt 1.0	Geronimo implementation	<b>2.0-M1</b>
Java EE Application Deployment	App Deploy 1.2	JSR 88	Maintenance Update from App Deploy 1.1	Geronimo implementation	<b>2.0-M4</b>
<b>Web Services - Axis2</b>					
Implementing Web Services	WSEE 1.2	JSR 109	Maintenance Update from WSEE 1.1	Geronimo implementation	<b>2.0-M3</b> - Partial support
Java API for XML-Based Web Services	JAX-WS 2.0	JSR 224	New for Java EE 5.0	Axis2 implementation	<b>2.0-M3</b> - Pojo only
Java Architecture for XML Binding	JAXB 2.0	JSR 222	New for Java EE 5.0	Glassfish JAXB Implementation 2.0.3	<b>2.0-M2</b>
Java API for XML-Based RPC	JAX-RPC 1.1	JSR 101	Same as J2EE 1.4	Axis 1.4	<b>2.0-M3</b>
Java API for XML Registries	JAXR 1.0	JSR 93	Same as J2EE 1.4	Scout 0.5	<b>2.0-M2</b>
Web Service Metadata for the Java platform	WS Metadata 2.0	JSR 181	New for Java EE 5.0	Axis2 implementation	<b>2.0-M3</b> - Partial support
SOAP with Attachments API	SAAJ 1.3	JSR 67	Maintenance Update from SAAJ 1.2	Axis2 implementation	<b>2.0-M4</b> - Partial support
Streaming API for XML	STAX 1.0	JSR 173	New for Java EE 5.0	Woodstox 3.2.0	<b>2.0-M2</b>
<b>Web Services - CXF</b>					
Implementing Web Services	WSEE 1.2	JSR 109	Maintenance Update from WSEE 1.1	Geronimo implementation	<b>2.0-M3</b> - Partial support
Java API for XML-Based Web Services	JAX-WS 2.0	JSR 224	New for Java EE 5.0	CXF implementation 2.0-incubator-RC-SNAPSHOT	<b>2.0-M2</b> - Pojo only <b>2.0-M3</b> - Pojo and EJB
Java Architecture for XML Binding	JAXB 2.0	JSR 222	New for Java EE 5.0	Glassfish JAXB Implementation 2.0.3	<b>2.0-M2</b>
Java API for XML-Based RPC	JAX-RPC 1.1	JSR 101	Same as J2EE 1.4	Axis 1.4	<b>2.0-M2</b>
Java API for XML Registries	JAXR 1.0	JSR 93	Same as J2EE 1.4	Scout 0.5	<b>2.0-M2</b>
Web Service Metadata for the Java platform	WS Metadata 2.0	JSR 181	New for Java EE 5.0	CXF implementation - 2.0-incubator-RC-SNAPSHOT	<b>2.0-M3</b> - Partial support
SOAP with Attachments API	SAAJ 1.3	JSR 67	Maintenance Update from SAAJ 1.2	Glassfish SAAJ implementation 1.3	<b>2.0-M4</b> - Partial support
Streaming API for XML	STAX 1.0	JSR 173	New for Java EE 5.0	Woodstox 3.2.0	<b>2.0-M2</b>
<b>Misc</b>					
JDK 5.0 - Corba support		??	Not part of Java EE 5.0	Yoko-1.0-incubating-SNAPSHOT	<b>2.0-M4</b>

