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| DEP Logo | **Department of Environmental Protection** |
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| **Core Component Compliance Level Specification** | |

# Purpose

This specification provides the detailed list of core components with their supported standards level and associated Java Specification Request (JSR) as supported by the DEP’s Oracle Fusion Middleware suite.

| **Component** | **Version/JSR** |
| --- | --- |
| Java Enterprise Edition (JEE) | 5 (with some 6) |
| Java Server Pages (JSP) | 2.1 (JSR-245) |
| Servlet | 2.5 (JSR-154) |
| Java Server Faces | 2.1 (JSR-314) |
| Enterprise Java Beans (EJB) | 3.0 (JSR-220) |
| Java Management Extensions (JMX) | 1.2 (JSR-3) |
| JMX Remote Access API | JSR-160 |
| J2EE Management | 1.0 (JSR-77) |
| J2EE Application Deployment | 1.1 (JSR-88) |
| Java Transaction API (JTA) | 1.0 (JSR-907) |
| Java Message Service (JMS) | 1.1 (JSR-914) |
| Java Naming and Directory Interface (JNDI) | 1.2 |
| Java Mail | 1.4 (JSR-904) |
| Java Database Connectivity (JDBC) | 3.0 (JSR-54) |
| Java Authentication and Authorization Service (JAAS) | 1.0 |
| J2EE Connector Architecture | 1.5 (JSR-112) |
| Enterprise Web Services | 1.1 (JSR-921) |
| Web Services Metadata | 1.0 (JSR-181) |
| Java API for XML-Based RPC (JAX-RPC) | 1.1 (JSR-101) |
| SOAP with Attachments API for Java (SAAJ) | 1.2 |
| Java API for XML Processing (JAXP) | 1.2 (JSR-63) |
| Java API for XML Registries (JAXR) | 1.0.5 (JSR-93) |
| Java API for Rules Engines | JSR-94 |
| Common Annotations for the Java Platform | JSR-250 |
| Java Developers Toolkit (JDK) | 1.7.x |
| Java Runtime Environment (JRE) | 1.7.x |
| Java Persistence API (JPA) | 2.0 (JSR-317) |