

Jozi-JUG JCP Elections 2014 - Page 1/2

JCP

The Java Community Process (JCP), established in 1998, is a formalized mechanism that allows interested parties to develop standard technical specifications for Java technology. Anyone can become a JCP Member by filling a form available at the JCP website.
--Wikipedia

JSR

The JCP involves the use of Java Specification Requests (JSRs) – the formal documents that describe proposed specifications and technologies for adding to the Java platform.
--Wikipedia

JEP

The JDK Enhancement Proposal (or JEP) is a process drafted by Oracle Corporation for collecting proposals for enhancements to the Java Development Kit and OpenJDK. The JEP process is not intended to replace the Java Community Process, which is still required to approve changes in the Java API or language but rather to allow for OpenJDK committers to work more informally before becoming a formal Java Specification Request.

| | Effects core Java | Effects Tomcat or Jetty containers | Effects Spring | Effects Java EE 8 containers |
|---|-------------------------|--|-------------------|------------------------------------|
| JSR 370 Adding support for HTML5 Server-Sent Events (SSE). Investigating the reactive programming paradigm as a way to improve the JAX-RS asynchronous client API. Exploring support for non-blocking I/O in providers (filters, interceptors, etc.). | | ✓ | ✓ | ✓ |
| JSR 369 Servlet 4.0. This JSR aims to expose the latest advances in HTTP (HTTP 2) to users of JavaEE as well as providing a vehicle for continual improvement in this foundational Java EE API. | | ✓ | ✓ | ✓ |
| JSR 367 A standard binding layer (metadata & runtime) for converting Java objects to/from JSON messages. | ✓ | ✓ | ✓ | ✓ |
| JSR 365 This JSR is a major evolution of the CDI 1.1 (JSR 346) specification. Focused on modularity and Java SE support. | ✓ | | | |
| JSR 363 This JSR specifies one or more Java packages for the programmatic handling of physical quantities and their expression as numbers of units. | ✓ | ✓ | ✓ | ✓ |
| JSR 364 This aims to broaden JCP participation by defining new membership classes, changing existing membership categories, enabling participation by the community, and ensuring the appropriate Intellectual Property commitments from JCP Members. | ✓ | ✓ | ✓ | ✓ |