



Java EE 6: Here and Now

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Java EE 6 themes

- Technology improvements
- Collaboration
- Integration



Java EE 6: Notable newcomers

- Managed beans – part of **JSR-316**
- Contexts and dependency injection – **JSR-299**
- Bean validation – **JSR-303**
- JAX-RS (RESTful Web Services) – **JSR-311**



Java EE 6: Notable updates

- JPA 2.0
 - Type-safe criteria API
 - Enhanced mappings
- EJB 3.1
 - Singletons
 - WAR deployment
 - Scheduling
 - Custom concurrency
- Platform
 - Standard JNDI names
- Servlet 3.0
 - Common annotations
 - Async support
- JSF 2.0
 - Ajax support
 - Facelets
 - Bookmarkability
 - Resource delivery
- EL 1.2
 - Parameterized methods



Web profile



Persistence

- JTA 1.1
- JPA 2.0



Component model

- CDI 1.0
- EJB 3.1 Lite
- BV 1.0
- Common annotations



Presentation

- Servlet 3.0
- JSF 2.0
- EL 1.2



Java EE 6 out of the box

- Dependency injection
- State management
- Transactions
- Persistence
- Validation
- Ajax
- Cron-style scheduling
- Asynchronicity and messaging
- RESTful Web Services
- and much more...



Extensions!



No perfect enough?

Get involved!



Did you know anyone can
have a jcp.org account?

Just sign up!



jcp.org 2.0

- Launched June 2009
- Goals are to enhance:
 - participation,
 - communication and
 - transparency
- Personalized content
- Discussion boards (i.e., forums)
- Wiki

The screenshot shows the jcp.org website homepage. At the top, there is a navigation bar with the Java logo, 'Java Community Process' text, a search box for JSRs, and links for 'Press Room', 'Get Java Here', and 'Log Out'. Below the navigation bar is a diagram illustrating the 'Community Development of Java Technology Specifications' process. The main content area is divided into several sections: 'JSRs' with a search box and links to 'JSRs by Platform', 'JSRs by Technology', 'JSRs by Stage', 'JSRs by Committee', and 'List of All JSRs'; 'My JCP' with links to 'My JSRs', 'My Discussions', 'EC Meetings', and 'My Profile'; 'JCP Info' with links to 'About JCP', 'Get Involved', 'Community Resources', 'Community News', 'FAQ', and 'Contact Us'; a central 'Welcome to the Java Community Process!' section with a paragraph of text and links to 'Read more about the new site features here.' and 'For more information about the JCP Program, refer to our overview page.'; 'New Web Site Enhancements' with a paragraph of text; and a 'Quick Links' section with links to 'Spec Lead Guide', 'JCP2', 'Calendar', 'Discussion boards', and 'JCP wiki pages'. There is also a 'News' section with links to 'Fall Newsletter from the PMO', 'JavaOne Awards Roundup', 'JCP Blog', 'Java Community Process now open, transparent, and agile (or not)', 'Java Body to Open Smoke-Filled Rooms', 'The Java Community Process - A Year in Review', 'Java specs and governance', 'CMIS Plugfest, JCR and Star Spec Leads', and 'JCP Program Unveils 2009 Star Spec Leads: Program recognizes Spec Leads who consistently'.



Did you know that anyone can
become a JCP member?

Just sign the JSPA!



JCP membership fee

- Commercial organizations: \$5000
- Educational / non-profit organizations: \$2000
- Java User Groups (JUGs): *free!*
- Individuals: *free!*



JCP membership benefits

- Submit JSRs
- Serve on a JSR Expert Group (EG)
- Vote in EC elections (reps who vote on JSRs)
 - <http://jcp.org/en/participation/committee>



JSF community home page

<http://www.java-serverfaces.org>



- Root node of the JSF ecosystem
 - ☞ Specification and API docs
 - ☞ Mailinglists and forums
 - ☞ Issue tracker
 - ☞ FAQs and guides
 - ☞ Implementations, component libraries





Java EE 6: Here and Now

GlassFish V3: Java EE 6 RI

<http://glassfish.org>

JBoss AS 6: Java EE 6 Web Profile Impl

<http://jboss.org/jbossas>

Weld / Java EE 6 Maven archetypes

<http://tinyurl.com/weld-archetypes>

Dive into JSF 2

- Learn

<http://tinyurl.com/jsf2new>

<http://tinyurl.com/jsf2devworks>

<http://tinyurl.com/jsf2dzone>

<http://tinyurl.com/jsf2driscoll>

<http://tinyurl.com/jsf2ryan>

- Try

<http://tinyurl.com/jsf2ri>

- Get involved

<http://tinyurl.com/jsf2issue>

<http://tinyurl.com/jsr-314-public>

<http://www.java-serverfaces.org>

