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?

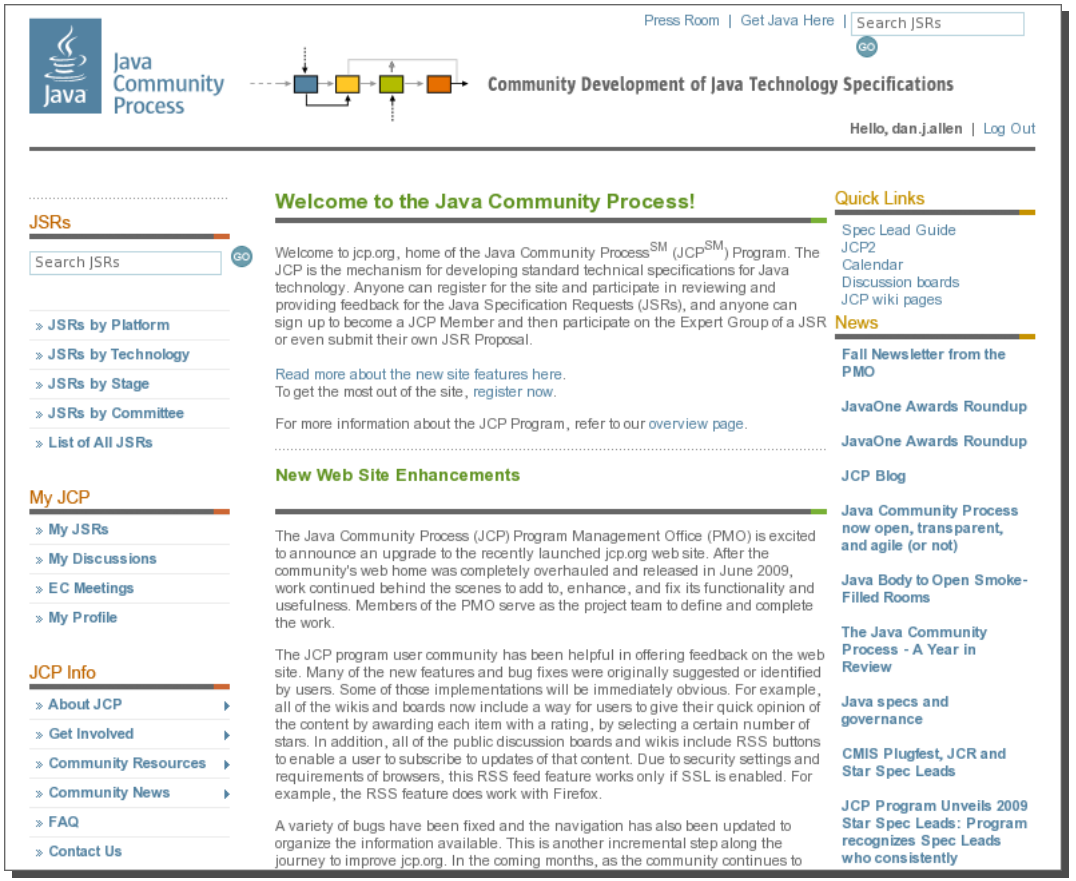
Get involved!

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



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.javaserverfaces.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.javaserverfaces.org