JCP 2.8 Progress Report
Public EC Meeting

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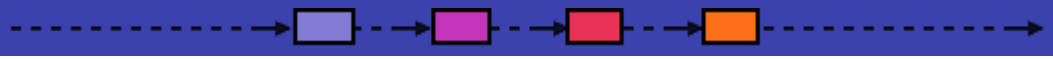
Java Community Process

Putting the *community* back into the JCP

- No more barriers to participation.
- All members of the Java community can participate:
  - In the implemenation of the platform through OpenJDK and GlassFish.
  - In the evolution of the platform through the JCP.
- If you care about the future of Java you have no excuse...

Java Community Process

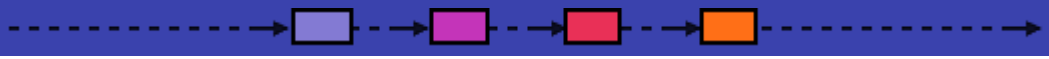
JCP.next.1 (JSR 348)



- Transparency
- Participation
- Agility

Java Community Process

Transparency



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Expert Group transparency

- Must do all substantive business on a public mailing list.
- Must track issues in a public issue tracker.
- Members of the public must be able to comment on the EG's work.
- EG must publicly respond to all comments.
- License terms must be fully disclosed in advance.

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Executive Committee transparency

- Must hold semi-annual teleconferences and an annual open meeting at JavaOne.
  - All JCP members are free to attend these meetings.
  - Agenda will be chosen from topics suggested by members.
- Must create a public mailing-list with archive for members to provide feedback to the ECs.
- Private and non-normative EC policies and procedures made public and normative in new EC Standing Rules.
- Escalation and Appeal process defined.
  - Spec Leads, EG members and JCP members can appeal to the EC for help in resolving disputes.

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Participation

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Participation

- Requests to join EGs, the Spec Lead's responses, and decisions to remove or replace EG members, must be reported on the EG's public alias.
- Better processes for dealing with uncooperative, unresponsive, or disruptive EG members and Spec Leads.
- EC members who miss two consecutive meetings lose their voting privileges until they have again attended two.
- EC members who miss 5 meetings in a row or 2/3 of the meetings in a 12 month period lose their seat.
  - Several non-participating EC members lost their seats in 2012.

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Agility

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Agility

- Time-outs for inactive JSRs.
  - Must reach Early Draft within 9 months, Public Draft one year after that, or Final Release within another year.
  - If not, the EC can initiate a JSR Renewal Ballot and may vote to withdraw the JSR.
- Simplify the Maintenance Release process.
- Clarify the Final Release and Maintenance processes to ensure that completed/updated Spec, RI, and TCK are posted promptly.
- Ensure that links to RI and TCK are maintained.
  - If broken and not fixed, JSR must revert to “incomplete” stage.

Java Community Process

Results...

- JSR 348 introduced version 2.8 of the Process.
- It is now easier for JCP members and the public to observe and participate in the work of Expert Groups.
- Transparency is the default mode of operation.
- All new JSRs will be bound by the new rules.
  - Existing JSRs will be encouraged to voluntarily adopt them.
- Now we need your participation!

Java Community Process

JCP 2.8 progress report

- JCP 2.8 went into effect in October 2011.
- All JSRs started since then are run under this version of the Process.
- Spec-Leads of in-flight JSRs are encouraged to voluntarily adopt the new Process.
  - On doing so they are required to operate transparently, and become subject to the new JSR deadlines.

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JCP 2.8 adoption

- There are 31 Active/In Progress JSRs.
- 23 Active JSRs are operating under version 2.8.
  - No Renewal Ballots yet.
- 10 JSRs have been initiated under JCP 2.8 (1 was rejected.)
- 14 JSRs have migrated to JCP 2.8.
- 1 JSR is in the process of migration to JCP 2.8.
- 7 in-flight Active JSRs have not yet migrated.
  - Excluding those that have already posted a Final or Maintenance Release.
- The PMO encourages Spec Leads to migrate at milestone postings.

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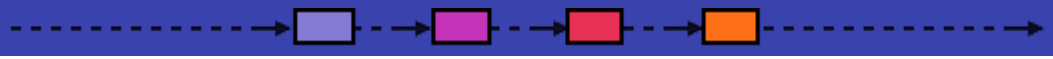
New JCP 2.8 JSRs



- JSR 352, Batch Applications for the Java Platform (IBM) – PR, November 2012.
- JSR 353, Java API for JSON Processing (Oracle) – EDR, September 2012.
- JSR 354, Money and Currency API (Credit Suisse) – JSR Review, February 2012.
- JSR 355, EC Merge (Oracle) – Final Release, August 2012.
- JSR 356, Java API for WebSocket (Oracle) – EDR, September 2012.
- JSR 358, A major revision of the Java Community Process (Oracle) – JSR Review, July 2012.
- JSR 359, SIP Servlet 2.0 (Oracle) – JSR Review, July 2012.
- JSR 360, Connected Limited Device Configuration 8 (Oracle) – JSR Review, October 2012.
- JSR 361, Java ME Embedded Profile (Oracle) – JSR Review, October 2012.

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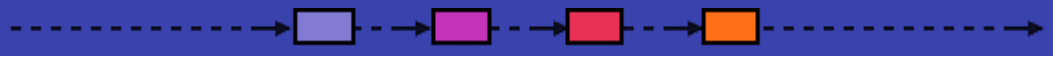
Migrated JCP 2.8 JSRs (1)



- JSR 172, J2ME Web Services Specification (Oracle) – MR, October 2011.
- JSR 236, Concurrency Utilities for Java EE (Oracle) – EDR, November 2012.
- JSR 338, Java Persistence 2.1 (Oracle) – EDR2, November 2012.
- JSR 339, JAX-RS 2.0: The Java API for RESTful Web Services (Oracle) – PR, October 2012.
- JSR 340, Java Servlet 3.1 Specification (Oracle) – EDR, August 2012.
- JSR 341, Expression Language 3.0 (Oracle) – PR, August 2012.
- JSR 343, Java Message Service 2.0 (Oracle) – EDR, March 2012.
- JSR 344, JavaServer Faces 2.2 (Oracle) – EDR, December 2011.
- JSR 345, Enterprise JavaBeans 3.2 (Oracle) – EDR, February 2012.

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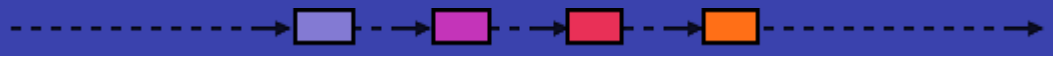
Migrated JCP 2.8 JSRs (2)



- JSR 346, Contexts and Dependency Injection for Java EE 1.1 (RedHat) – PR, November 2012.
- JSR 335, Lambda Expressions for the JavaProgramming Language (Oracle) – EDR 2, July 2012.
- JSR 337, Java SE 8 Release Contents (Oracle) – EG Formation, migrated September 2012.
- JSR 308, Annotations on Java Types (M. Ernst, Oracle) – EDR 2, February 2012.
- JSR 310, Date and Time API (S. Colebourne, M. Santos, Oracle) – EDR, September 2012.

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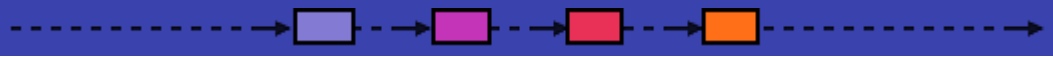
JSRs in process of adopting JCP 2.8



- JSR 342, Java Platform, Enterprise Edition 7 (Java EE 7) Specification (Oracle) – EDR2, November 2012.

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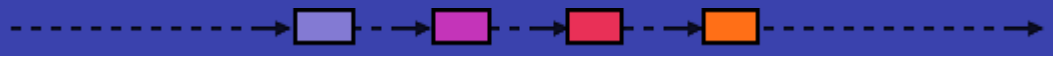
JSRs that have not yet adopted JCP 2.8



- JSR 107, JCACHE - Java Temporary Caching API (G Luck, Oracle) – EDR , October 2012.
- JSR 302, Safety Critical Java Technology (Open Group) – EDR, January 2011.
- JSR 333, Content Repository API for Java Technology 2.1 (Adobe) – EDR, September 2011.
- JSR 347, Data Grids for the Java Platform (RedHat) – JSR Review, April 2011.
- JSR 349, Bean Validation 1.1 (RedHat) – PR, October 2012, JCP 2.7
- JSR 350, Java State Management (Oracle) – JSR Review, August 2011.
- JSR 351, Java Identity API (Oracle) – JSR Review, September 2011.

Java Community Process

Transparency checklist for new JSRs

- Is the schedule for the JSR publicly available, current, and updated regularly?
- Can the public read and/or write to a wiki for the JSR?
- Is there a publicly accessible discussion board for the JSR that you read and respond to regularly?
- Have you spoken at conferences and events about the JSR recently?
- Are you using open-source processes for the development of the RI and/or the TCK?
- What are the Terms of Use required to use the collaboration tools you have prepared to use with the Expert Group, so that prospective EG members can judge whether they are compatible with the JSPA?
- Does the Community tab for my JSR have links to and information about all public communication mechanisms and sites for the development of my JSR?

Java Community Process

Next steps

- Contact the Spec Leads of in-flight Active JSRs that have not yet migrated; encourage them to migrate to JCP 2.8.
- Assist Spec Leads in the process of migrating to JCP 2.8.
- Volunteer (through the Adopt-a-JSR program's Transparency sub-project) to help the PMO do transparency checks on JSRs.

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Adopt-a-JSR Transparency sub-project

- Transparency sub-project of the Adopt-a-JSR program hosted on java.net.
- JUGs or individuals do transparency checks or audits on JSRs.
- Provide qualitative and quantitative data to the community, Spec Leads, and the Program Office on the JSR's compliance with the JCP's transparency and participation requirements.
- A matrix of results will be provided for each JSR actively operating under JCP 2.8 and above.

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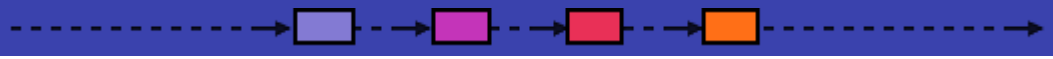
Community-provided assessment



- The Transparency sub-project will host an online form for your input in areas such as:
  - The quality and utility of the public issue tracker.
  - How the Spec Lead and Expert Group communicate and interact on the JSR's public mailing list. Are issues being resolved and addressed?
  - Whether the Expert Group represents all relevant sectors of the Java community,
  - Whether the Expert Group has published a draft of the JSR and whether this represents a convergence of competing implementations.

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