Agenda

• Membership
• EC Elections
• Active JSRs
• Spec Leadership
• Expert Group Participation
• Appendix: List of all Active JSRs
Membership

• Membership grew by 1% in 2010 to 1552 (4% growth rate in 2009); 3748 Registered users (not Members).

• Membership distribution by type remained similar:
  – 77% individual, 21% corporate, 2% non-profit.

• Membership distribution by location:
  – 50% North America
  – 32% Europe and the Russian Federation
  – 13% Asia and the Middle East
  – 5% South America

• Slight decrease in Asia, slight increase in South America from 2009
EC Elections

- Voter participation decreased to 18% from 21%.
- Eclipse, Google elected; Apache, Red Hat ratified on the SE/EE EC; Hologic not ratified.
- Aplix, Stefano Andreani (replaced Orange) elected; RIM, Samsung, TOTVS ratified on the ME EC.
- Special Election planned in 2011 to fill 3 SE/EE EC seats; 2 ratified (Apache, D Lea), 1 elected (T Peierls seat).
EC Elections

• 2 Special Elections were held in 2010
  – Feb 2010: CableLabs -replaced J Feldman ME seat.
  – May 2010; Credit Suisse on the SE/EE EC, TQTVD (now TOTVS) on the ME EC.

• 2 vacant seats due to Oracle acquisition of Sun, and Time Warner resignation
Active JSRs in 2010

• 22 active JSRs* during 2010 (54 in 2009).
  – 5 new JSRs started (5 in 2009).
  – 4 JSRs completed (18 in 2009).
  – 4 JSRs issued Maintenance Releases (13 in 2009).
  – 9 active JSRs in other stages (31 in 2009).
• 2 in Early Draft stage (4 in 2009)
• 1 in Public Review stage (4 in 2009)
• 1 in Proposed Final Draft stage (6 in 2009)
• 1 passed Final Approval Ballot - not yet released (1 in 2009)
• 3 in Maintenance Review stage (5 in 2009)
• 1 Rejected

*2009 active JSRs include JSRs that started, completed, issued a maintenance release, published a draft, or went to ballot in 2010.
Target Platforms of 2010 Active JSRs

  - 2 (8 in 2008) JSRs targeted both SE and EE, 1 targeted SE and ME, (2 in 2009), 2 targeted both SE/EE and ME (2 in 2009).
Active JSRs

- 46 Active JSRs (65 in 2009).*
  - 7 new JSRs started (1 went on to later stages).
  - 18 JSRs completed (2 went on to Maintenance).
  - 14 JSRs issued Maintenance Releases.
  - 10 active JSRs in other stages.
- 3 in Early Draft stage.
- 1 in Public Review stage.
- 2 in Proposed Final Draft stage.
- 1 passed Final Approval Ballot (not yet released).
- 3 in Maintenance Review.

*Active JSRs include JSRs that started, completed, issued a maintenance release, published a draft, or went to ballot in the last 18 months (July 2008-December 2009).
Target Platforms of all Active JSRs


  - 8 (9 in 2009) JSRs targeted both SE and EE, 2 targeted ME & embedded, 3 targeted SE & embedded, 3 targeted both SE/EE and ME, (2 in 2009).
17 Entities; 13 (22 in 2009) organizations and 4 (3 in 2009) individuals played a Spec Lead role in 46 (65 in 2009) active JSRs.

<table>
<thead>
<tr>
<th>Entity</th>
<th>Count</th>
<th>Individual</th>
<th>Lead Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oracle</td>
<td>26</td>
<td>IBM</td>
<td>1</td>
</tr>
<tr>
<td>Aplix</td>
<td>4</td>
<td>LGE</td>
<td>1</td>
</tr>
<tr>
<td>Nokia</td>
<td>3</td>
<td>Samsung</td>
<td>1</td>
</tr>
<tr>
<td>Day Software</td>
<td>2</td>
<td>SK Telecom</td>
<td>1</td>
</tr>
<tr>
<td>Red Hat</td>
<td>2</td>
<td>VMWare</td>
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</tr>
<tr>
<td>Ericsson</td>
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<td>WBEM Solutions</td>
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<tr>
<td>HP</td>
<td>1</td>
<td></td>
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</tbody>
</table>
Expert Group Membership

- 46 Active JSRs; 900 (1114 in 2009) expert group members served on the associated EGs.
  - Average of about 19 per EG (17 in 2009).
- 157 (200 in 2009) organizations represented.
  - Mostly corporations, but some non-profits.
  - Organizational EG reps often serve on multiple EGs.
  - Organizations often have several reps on a single EG.
- 158 (188 in 2009) individuals represented.
  - Most individuals served on 1 EG (of an Active JSR).
    - Some Individual Experts serving on 2-6 EGs.
- 40% of all EG reps are either from EC organizations or individuals.
## Organizational and EC representation on EGs

<table>
<thead>
<tr>
<th>Organization</th>
<th>Reps</th>
<th>Other Organization</th>
<th>Reps</th>
<th>Note</th>
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<tr>
<td>Oracle</td>
<td>134</td>
<td>Apache</td>
<td>11</td>
<td>SK Telecom</td>
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<tr>
<td>IBM</td>
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<td>Orange France</td>
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<tr>
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<td>Novell</td>
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<td>Google</td>
<td>7</td>
<td>CableLabs</td>
</tr>
<tr>
<td>Motorola</td>
<td>16</td>
<td>RIM</td>
<td>7</td>
<td>Credit Suisse</td>
</tr>
<tr>
<td>Pramatti</td>
<td>13</td>
<td>Fujitsu</td>
<td>5</td>
<td>TOTVS</td>
</tr>
<tr>
<td>HP</td>
<td>12</td>
<td>VMWare</td>
<td>5</td>
<td>S Andreani</td>
</tr>
<tr>
<td>Samsung</td>
<td>12</td>
<td>Vodafone</td>
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<td>Eclipse</td>
</tr>
<tr>
<td>LGE</td>
<td>12</td>
<td>Werner Keil</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

*Organizations with >= 10 reps on active JSRs plus EC members with < 10 reps.*
• Appendix: Active JSRs
New JSRs (JSR Review Ballot)

- JSR 331, Constraint Programming API (Jacob Feldman)
  - Went on to complete Early Draft Review, Public Review
- JSR 332, Email Client API for Java ME (Samsung)
- JSR 333, Content Repository API for Java Technology 2.1 (Day)
- JSR 334, Small Enhancements to the JavaTM Programming Language (Oracle)
- JSR 335, Lambda Expressions for the JavaTM Programming Language (Oracle)
- JSR 336, Java SE 7 Release Contents (Oracle)
- JSR 337, Java SE 8 Release Contents (Oracle)

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Completed JSRs (Final Release 2009)

• JSR 287, Scalable 2D Vector Graphics API 2.0 for Java ME (Nokia) \(48\) months
• JSR 271, Mobile Information Device Profile 3 (Aplix) \(57\) months
• JSR 279, Service Connection API for Java ME (Nokia/Oracle) \(51\) months
• JSR 283, Content Repository for JavaTM Technology API Version 2.0 (Day Software) \(48\) months
• JSR 299, Web Beans (Red Hat) \(31\) months
• JSR 303, Bean Validation (Red Hat) \(40\) months
• JSR 309, Media Server Control API (HP/Oracle) \(34\) months

*Times to completion are from JSR Review Ballot to Final Release*
Completed JSRs (Final Release 2009)

- JSR 314, JavaServer Faces 2.0 (Oracle) 25 months *
- JSR 315, Java Servlet 3.0 Specification (Oracle) 29 months
- JSR 316, Java Platform, Enterprise Edition 6 (Java EE 6) Specification (Oracle) 29 months
- JSR 317, Java Persistence 2.0 (Oracle) 29 months
- JSR 318, Enterprise JavaBeans 3.1 (Oracle) 29 months *
- JSR 322, Java EE Connector Architecture 1.6 (Oracle) 24 months
- JSR 330, Dependency Injection for Java (VMWare, Bob Lee) 4 months

Times to completion are from JSR Review Ballot to Final Release

* Went on to Maintenance
Final Release 2010

- JSR 325, IMS Communication Enablers (ICE) (Ericsson AB) 30 months
- JSR 300, DRM API for Java (LGE) 45 months
- JSR 319, Availability Management for Java (Ericsson AB) 32 months
- JSR 301, Portlet Bridge Specification for JavaServer Faces (Oracle) 48 months

*Times to completion are from JSR Review Ballot to Final Release*
Active JSRs (Final Approval Ballot w/out Release)

- JSR 329, Portlet 2.0 Bridge for JavaServer™ Faces 1.2 Specification (Oracle)
  - FAB December 2010, PMO in process of posting
Maintenance Releases

- JSR 196, Java Authentication Service Provider Interface for Containers (Oracle)
- JSR 211, Content Handler API (Oracle)
- JSR 245, JavaServer Pages 2.1 (Oracle)
- JSR 250, Common Annotations for the Java Platform (Oracle)
- JSR 257, Contactless Communication API (Nokia)
- JSR 311, JAX-RS: The Java API for RESTful Web Services (Oracle)
- JSR 314, JavaServer Faces 2.0 (Oracle)
- JSR 318, Enterprise JavaBeans 3.1 (Oracle)
- JSR 109, Implementing Enterprise Web Services (Oracle)
- JSR 115, Java Authorization Contract for Containers (Oracle)
Maintenance Releases

• JSR 222, Java Architecture for XML Binding (JAXB) 2.0 (Oracle)
• JSR 224, Java API for XML-Based Web Services (JAX-WS) 2.0 (Oracle)
• JSR 243, Java Data Objects 2.0 - An Extension to the JDO specification (Oracle)
• JSR 56, Java Network Launching Protocol and API (Oracle)
Maintenance Reviews w/out Releases

• JSR 118, Mobile Information Device Profile 2.0 (Aplix)
  – Review Closed November 2010

• JSR 135, Mobile Media API (Aplix)
  – Review Closed October 2010

• JSR 82, Java APIs for Bluetooth (Aplix)
  – JCP 2.1 JSR, Review Closed March 2010
Active JSRs (Public Review)

• JSR 331, Constraint Programming API (Jacob Feldman)
Active JSRs (Early Draft)

• JSR 276, Design-Time Metadata for JavaServer Faces Components (Oracle)
• JSR 310, Date and Time API (S Colebourne, M Nascimento Santos)
• JSR 326, Post mortem JVM Diagnostics API (IBM)
Active JSRs (Proposed Final Draft)

- JSR 327, Dynamic Contents Delivery Service API for Java ME (SK Telecom)
- JSR 48, WBEM Services Specification (WBEM Solutions)
Thank you, merci, grazie. gracias, danke, obrigado, bedankt, kiitos, xie xie, ありがとう.