Agenda

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

- Membership grew by 4% in 2009 to 1520 (3% growth rate in 2008).
- Membership distribution by type remained similar:
  - 77% individual, 22% corporate, 1% non-profit.
- Membership distribution by location:
  - 50% North America
  - 32% Europe and the Russian Federation
  - 14% Asia and the Middle East
  - 4% South America
  - Slight decrease in Europe, slight increase in Asia & South America from 2008
EC Elections

- Voter participation decreased to 21% from 27%.
- Doug Lea replaced Nortel (ratified seat, 1 year term); Fujitsu, HP, IBM, Oracle ratified on the SE/EE EC.
- AT&T, SK Telecom (2 year term), T-Mobile replaced Motorola, Philips, Qisda; Siemens, Vodafone ratified on the ME EC.
- Two individuals were elected to the EC:
  - ME EC: Jacob Feldman (replaced Ericsson); subsequently resigned
  - SE/EE EC: Tim Peierls (filled Doug Lea elected seat)
- Special Election in January 2009 on the ME EC
  - Aplix (replaced Intel-resigned ME seat)
Active JSRs in 2009

- 54 active JSRs* during 2009 (53 in 2008).
- 5 new JSRs started, 2 went on to later stages (6 in 2008).
- 18 JSRs completed (10 in 2008).
- 13 JSRs issued Maintenance Releases (8 in 2008).
- 20 active JSRs in other stages (31 in 2008).
  - 4 in Early Draft stage (8 in 2008)
  - 4 in Public Review stage (13 in 2008)
  - 6 in Proposed Final Draft stage (3 in 2008)
  - 1 passed Final Approval Ballot- not yet released (1 in 2008)
  - 5 in Maintenance Review stage (4 in 2008)

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

- 8 (6 in 2008) JSRs targeted both SE and EE, 2 targeted ME & SE, 2 targeted both SE/EE and ME.
Active JSRs

• 65 Active JSRs (72 in 2008)*.
  • 6 new JSRs started (3 went on to later stages).
  • 23 JSRs completed.
  • 16 JSRs issued Maintenance Releases.
  • 23 active JSRs in other stages.
    • 6 in Early Draft stage.
    • 4 in Public Review stage.
    • 6 in Proposed Final Draft stage.
    • 1 passed Final Approval Ballot (not yet released).
    • 6 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

- 9 (8 in 2008) JSRs targeted both SE and EE, 2 targeted ME & SE, 2 targeted both SE/EE and ME, 1 grandfathered JSR (927).

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<th>Count</th>
<th>Individual</th>
<th>Count</th>
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Expert Group Membership

• 65 Active JSRs; 1114 (1232 in 2008) members served on the associated EGs.
  • Average of about 17 per EG (same as 2008).
• 200 (221 in 2008) 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.
• 188 (245 in 2008) individuals represented.
  • This year most individuals served on 1 EG (of an Active JSR).
    • Some Individual Experts serving on 2-4 EGs.
• ~50% of all EG reps are either from EC organizations or individuals' see chart on next slide.
### Organizational and EC representation on EGs

<table>
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</table>

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

- JSR 327, Dynamic Contents Delivery Service API for JavaTM ME (SK Telecom)
  - Went on to Public Review
- JSR 328, Change Management API (Ascom)
- JSR 329, Portlet 2.0 Bridge for JavaServerTM Faces 1.2 Specification (Oracle)
  - Went on to complete Early Draft Review
- JSR 330, Dependency Injection for Java (Google, SpringSource)
  - Went on to complete Final Release.
- JSR 331, Constraint Programming API (J Feldman)
- JSR 332, Email Client API for JavaTM ME (Samsung)
Completed JSRs (Final Release 2009)

- JSR 287, Scalable 2D Vector Graphics API 2.0 for Java ME (Nokia) 48 months
- JSR 235, Service Data Objects (IBM/Oracle) 69 months
- JSR 271, Mobile Information Device Profile 3 (Aplix) 57 months
- JSR 279, Service Connection API for Java ME (Nokia/Sun) 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 (Sun) 25 months
- JSR 315, JavaTM Servlet 3.0 Specification (Sun) 29 months
- JSR 316, JavaTM Platform, Enterprise Edition 6 (Java EE 6) Specification (Sun) 29 months
- JSR 317, JavaTM Persistence 2.0 (Sun) 29 months
- JSR 318, Enterprise JavaBeansTM 3.1 (Sun) 29 months
- JSR 322, JavaTM EE Connector Architecture 1.6 (Sun)-went on to Public Review (Sun) 24 months
- JSR 330. Dependency Injection for Java (Google, SpringSource) 4 months

Times to completion are from JSR Review Ballot to Final Release
Passed FAB 2008 (Final Release 2009)

- **JSR 113, Java™ Speech API 2.0 (Conversational Computing)** *97 months*
  - Passed May 2008.

- **JSR 284, Resource Consumption Management API (Google)** *39 months*
  - Passed December 2008.

- **JSR 225, XQuery API for Java™ (XQJ) (Oracle)** *72 months*
  - Passed March 2008.

*Times to completion are from JSR Review Ballot to Final Release*
Completed JSRs (Final Release - 2008)

- JSR 272, Mobile Broadcast Service API for Handheld Terminals (Nokia/Motorola) 44 months
- JSR 293, Location API 2.0 (Nokia) 30 months
- JSR 298, Telematics API for JavaTM ME (SK Telecom) 28 months
- JSR 240, JAINMT SLEE (JSLEE) v1.1 (OpenCloud) 52 months
- JSR 289, SIP Servlet v1.1(Oracle) 31 months

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

- JSR 300, DRM API for JavaTM (LGE)
- FAB November 2009, PMO waiting for clarification/update
Maintenance Releases

- JSR 243, Java™ Data Objects 2.0 - An Extension to the JDO specification (Sun)
- JSR 927, Java™ TV API 1.1 (Sun)
- JSR 82, Java™ APIs for Bluetooth (Aplix)
- JSR 196: Java™ Authentication Service Provider Interface for Containers (Sun)
- JSR 311, JAX-RS: The Java™ API for RESTful Web Services (Sun)
- JSR 281, IMS Services API (Ericsson AB)
- JSR 211, Content Handler API (Sun)
- JSR 215, Java Community ProcessSM version 2.6 (Sun)
- JSR 245, JavaServer™ Pages 2.1 (Sun)
- JSR 250, Common Annotations for the Java™ Platform (Sun)
- JSR 257, Contactless Communication API (Nokia)
Maintenance Releases

- JSR 109, Implementing Enterprise Web Services (Sun)
- JSR 115, JavaTM Authorization Contract for Containers (Sun)
- JSR 222, JavaTM Architecture for XML Binding (JAXB) 2.0 (Sun)
- JSR 224, JavaTM API for XML-Based Web Services (JAX-WS) 2.0 (Sun)
- JSR 180, JavaTM API for XML-Based Web Services (JAX-WS) 2 (Nokia)
Maintenance Reviews w/out Releases

- **JSR 56, Java Network Launching Protocol and API (Sun)**
  - JCP 2.7 JSR, Review Closed December 2009, another Review in process

- **JSR 173. Streaming API for XML (Oracle)**
  - JCP 2.1 JSR, Review Closed July 2009

- **JSR 179, Location API for J2ME™ (Nokia)**
  - JCP 2.1 JSR, Review Closed May 2009

- **JSR 252, JavaServer Faces 1.2 (Sun)**
  - JCP 2.7 JSR, Review Closed August 2008 (pre JCP 2.7)

- **JSR 256, Mobile Sensor API (Nokia)**
  - JCP 2.7 JSR, Review Closed April 2009 (pre JCP 2.7)

- **JSR 181, Web Services Metadata for the Java Platform (Oracle)**
  - JCP 2.7 JSR, Review Closed June 2009 (pre JCP 2.7)
Active JSRs (Public Review)

- JSR 327, Dynamic Contents Delivery Service API for JavaTM ME (SK Telecom)
- JSR 275, Units Specification (Werner Keil, Jean-Marie Dautelle)
Active JSRs (Early Draft)

- JSR 227, A Standard Data Binding & Data Access Facility for J2EE (Oracle)
- JSR 282, RTSJ version 1.1 (TimeSys)
- JSR 292, Supporting Dynamically Typed Languages on the JavaTM Platform (Sun)
- JSR 321, Trusted Computing API for Java (IAIK Graz University of Technology)
- JSR 326, Post mortem JVM Diagnostics API (IBM)
- JSR 329, Portlet 2.0 Bridge for JavaServerTM Faces 1.2 Specification (Oracle)
Active JSRs (Proposed Final Draft)

- JSR 290, Java Language & XML User Interface Markup Integration (Sun)
- JSR 48, WBEM Services Specification (WBEM Solutions)
- JSR 297, Mobile 3D Graphics API 2.0 (Nokia)
- JSR 301, Portlet Bridge Specification for JavaServerTM Faces (Oracle)
- JSR 319, Availability Management for Java (Ericsson AB)
- JSR 325, IMS Communication Enablers (ICE) (Ericsson AB)
Thank you, merci, grazie, gracias, danke, obrigado, bedankt, kiitos, xie xie, ありがとう．

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