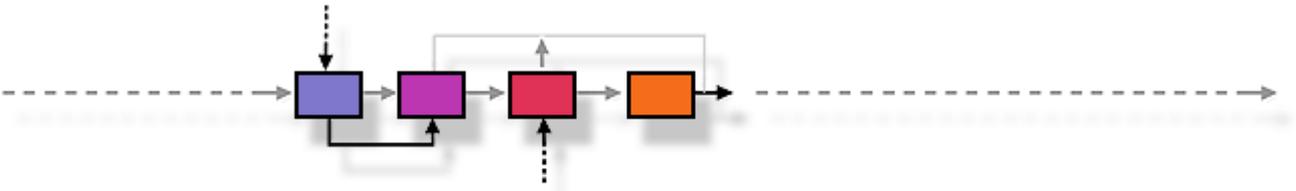




Java
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JCP Activity Summary 2008

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Agenda



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

Membership



- Membership grew by 3% in 2008 to 1465.
- Membership distribution by type:
 - 76 % individual, 22% corporate, 1% non-profit.
- Membership distribution by location:
 - 50% North America
 - 35% Europe and the Russian Federation
 - 11% Asia and the Middle East
 - 4% South America
 - Slight increase in Europe, slight decline in North America from 2007

EC Elections



- Voter participation decreased to 27% from 33% in 2007
- Ericsson and SpringSource replaced BEA and SAS on the SE/EE EC (ratified seats)
- Two individuals were elected to the EC:
 - ME EC: Sean Sheedy (replaced Jean-Marie Dautelle)
 - SE/EE EC: Werner Keil (replaced Hani Suleiman)

Active JSRs

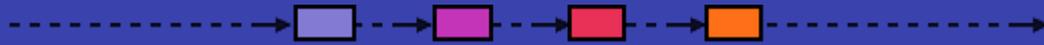


- 72 Active JSRs*.
 - 8 new JSRs started (2 went on to later stages).
 - 16 JSRs completed (1 went on to Maintenance).
 - 13 JSRs issued Maintenance Releases (one 2 times).
 - 38 active JSRs in other stages.
 - 12 in Early Draft stage
 - 14 in Public Review stage
 - 4 in Proposed Final Draft stage
 - 3 passed Final Approval Ballot (not yet released)
 - 5 in Maintenance Review
- Target platforms: 26 ME, 22 SE, 15 EE.
 - 8 target both SE & EE, 1 grandfathered (JSR 927)



*Active JSRs include JSRs that started, completed, issued a maintenance release, published a draft, or went to ballot in the last 18 months (July 2007-December 2008).

Active JSRs in 2008



- 53 Active JSRs* during 2008 (66 in 2007).
 - 6 new JSRs started, 2 went on to later stages (13 in 2007).
 - 10 JSRs completed (8 in 2007).
 - 8 JSRs issued Maintenance Releases (13 in 2007).
 - 31 active JSRs in other stages (32 in 2007).
 - 8 in Early Draft stage (12 in 2007)
 - 13 in Public Review stage (6 in 2007)
 - 3 in Proposed Final Draft stage (9 in 2007)
 - 3 passed Final Approval Ballot- not yet released (1 in 2007)
 - 4 in Maintenance Review stage (4 in 2007)
- Target platforms: ME: 20, SE: 16, EE: 10.
 - 6 JSRs targeted both SE and EE, 1 undetermined.

Reduction in activity, 2007-2008



- Active JSRs down 20% (66 to 53)
- New JSRs down 55% (13 to 6)
- Maintenance activity down 40% (13 to 8)

Spec Leadership



- 22 organizations and 4 individuals played a Spec Lead role in 72 active JSRs.

| | | | | | |
|------------|----|---------------------|---|---------------------|---|
| Sun | 27 | AT&T | 1 | IAIK University | 1 |
| Nokia | 11 | Codecentric | 1 | Vallent Corporation | 1 |
| Oracle | 8 | Conversational Comp | 1 | Jean-Marie Dautelle | 1 |
| Motorola | 5 | Amdocs | 1 | Werner Keil | 1 |
| IBM | 4 | Day Software | 1 | Michael Ernst | 1 |
| Ericsson | 3 | Frox Communication | 1 | H Siguri | 1 |
| SK Telecom | 3 | Google | 1 | | |
| HP | 2 | LG Electronics | 1 | | |
| Red Hat | 2 | Nakina Systems | 1 | | |
| Vodafone | 2 | Open Cloud | 1 | | |

Expert Group Membership



- 72 Active JSRs.
- 1232 members served on the associated EGs.
 - Average of about 17 per EG.
- 221 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.
- 245 individuals represented.
 - Most individuals serve on a single EG.
 - A small number of individuals serve on 2-4 EGs.

Organizational and EC representation on EGs



| | | | | | |
|---------------|----|----------------|----|--------------|---|
| Sun | 92 | Sony Ericsson | 15 | Nortel | 6 |
| Oracle | 84 | Vodafone | 14 | Fujitsu | 6 |
| IBM | 54 | Apache | 13 | SpringSource | 4 |
| Motorola | 42 | Siemens | 12 | Doug Lea | 1 |
| Nokia | 39 | Google | 12 | Werner Keil | 1 |
| Red Hat | 27 | Telecom Italia | 12 | Philips | 1 |
| Ericsson | 24 | Day Software | 10 | BenQ/Qisda | 1 |
| SAP | 24 | Pramati Tech. | 10 | Time Warner | 1 |
| Samsung | 23 | LG Electronics | 10 | Eclipse | 0 |
| HP | 18 | RIM | 9 | Sean Sheedy | 0 |
| Orange France | 16 | Intel | 7 | | |

*Organizations with ≥ 10 reps on active JSRs
plus EC members with < 10 reps.*



Appendix: Active JSRs

New JSRs (JSR Review Ballot)



- JSR 320, Services Framework (AT&T)
- JSR 321, Trusted Computing API for Java (IAIK Graz University of Technology)
- JSR 322, Java™ EE Connector Architecture 1.6 (Sun)-went on to Public Review
- JSR 323, Strong Mobility for Java (Suguri, Hiroki)-failed
- JSR 324, On Screen MIDlet API for Java ME (SK Telecom) - failed
- JSR 325, IMS Communication Enablers (ICE) (Ericsson AB) – went on to Early Draft
- JSR 326, Post mortem JVM Diagnostics API (IBM)
- JSR 327, Dynamic Contents Delivery Service API for Java™ ME (SK Telecom)

Completed JSRs (Final Release)



- 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 Java™ ME (SK Telecom)-28 months
- JSR 311, JAX-RS: The Java™ API for RESTful Web Services (Sun)-20 months
- JSR 289, : SIP Servlet v1.1 (Oracle)-31 months
- JSR 240, JAIN™ SLEE (JSLEE) v1.1 (OpenCloud)-52 months
- JSR 281, IMS Services API (Ericsson AB)-36 months (went on to MR)
- JSR 258, Mobile User Interface Customization API (Nokia)-43 months
- JSR 286, Portlet Specification 2.0 (IBM)-30 months
- JSR 254, OSS Discovery API (Nakina Systems)-40 months

Times to completion are from JSR Review Ballot to Final Release

Completed JSRs (Final Release)



- JSR 190: Event Tracking API for J2ME (Amdocs Management) - 61 months
- JSR 196: Java™ Authentication Service Provider Interface for Containers (Sun) - 56 months
- JSR 263: Fault Management API (HP) - 32 months
- JSR 264: Order Management API (Codecentric) - 32 months
- JSR 280: XML API for Java™ ME (Sun, Nokia) - 24 months
- JSR 291: Dynamic Component Support for Java™ SE (IBM) - 14 months

Times to completion are from JSR Review Ballot to Final Release

Maintenance Releases



- JSR 91, OSS Trouble Ticket API (Frox Communication)
- JSR 139, Connected Limited Device Configuration 1.1 (Sun)
- JSR 142, OSS Inventory API (Oracle)
- JSR 177, Security and Trust Services API for J2ME™ (Sun)
- JSR 239, Java™ Binding for the OpenGL® ES API (Sun)
- JSR 243, Java™ Data Objects 2.0 - An Extension to the JDO specification (Sun) x2
- JSR 927, Java™ TV API 1.1 (Sun)
- JSR 56, Java Network Launching Protocol and API (Sun)
- JSR 82, Java™ APIs for Bluetooth (Motorola)
- JSR 252, JavaServer Faces 1.2 (Sun) x2
- JSR 231, Java™ Binding for the OpenGL® API (Sun)
- JSR 248, Mobile Service Architecture (Vodafone/Nokia)
- JSR 232, Mobile Operational Management (Motorola/Nokia)

Active JSRs (Early Draft)



- JSR 275, Units Specification (Werner Keil, Jean-Marie Dautelle)
- JSR 308, Annotations on Java Types (Sun, Michael Ernst)
- JSR 294, Improved Modularity Support in the Java Programming Language (Sun)
- JSR 255, Java Management Extensions (JMXTM) Specification, version 2.0 (Sun)
- JSR 307, Network Mobility and Mobile Data API (Motorola)
- JSR 303, Bean Validation (Red Hat)
- JSR 315, Java™ Servlet 3.0 Specification (Sun)
- JSR 292, Supporting Dynamically Typed Languages on the Java™ Platform (Sun)
- JSR 319, Availability Management for Java (Ericsson AB)
- JSR 316, Java™ Platform, Enterprise Edition 6 (Java EE 6) Specification (Sun)
- JSR 227, A Standard Data Binding & Data Access Facility for J2EE (Oracle)
- JSR 325, IMS Communication Enablers (ICE) (Ericsson AB)

Active JSRs (Public Review)



- JSR 283, Content Repository for Java™ Technology API Version 2.0 (Day Software)
- JSR 262, Web Services Connector for Java Management Extensions (JMX) Agents (Sun)
- JSR 279, Service Connection API for Java ME (Nokia/Sun)
- JSR 271, Mobile Information Device Profile 3 (Motorola)
- JSR 297, Mobile 3D Graphics API 2.0 (Nokia)
- JSR 301, Portlet Bridge Specification for JavaServer™ Faces (Oracle)
- JSR 309, Media Server Control API (HP/Oracle)
- JSR 317, Java™ Persistence 2.0 (Sun)
- JSR 318, Enterprise JavaBeans™ 3.1 (Sun)
- JSR 235, Service Data Objects (IBM/Oracle)
- JSR 314, JavaServer Faces 2.0 (Sun)
- JSR 322, Java™ EE Connector Architecture 1.6 (Sun)

Active JSRs (Public Review-continued)



- JSR 299, Web Beans (Red Hat)
- JSR 249, Mobile Service Architecture 2 (Vodafone/Nokia)

Active JSRs (Proposed Final Draft)



- JSR 210, OSS Service Quality Management API (Vallent Corp)
- JSR 290, Java Language & XML User Interface Markup Integration (Sun)
- JSR 287, Scalable 2D Vector Graphics API 2.0 for Java ME (Nokia)
- JSR 300, DRM API for Java ME (LGE)

Active JSRs (Final Approval Ballot, no Final Release)



- JSR 113, Java™ Speech API 2.0 (Conversational Computing)
 - Passed May 2008
- JSR 284, Resource Consumption Management API (Google)
 - Passed December 2008
- JSR 225, XQuery API for Java™ (XQJ) (Oracle)
 - Passed March 2008

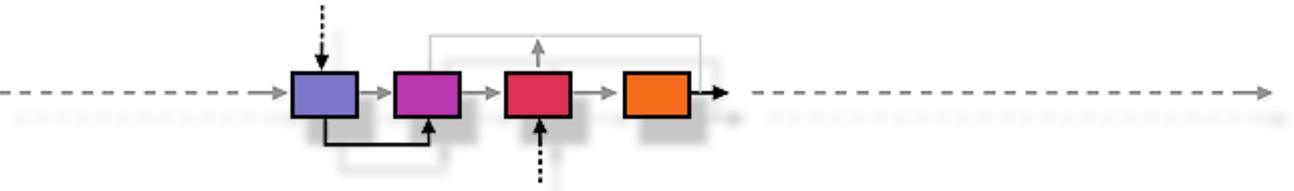
Active JSRs (Maintenance Draft Review)



- JSR220, Enterprise JavaBeans™ 3.0 (Sun/Oracle)
- JSR 222, Java™ Architecture for XML Binding (JAXB) 2.0 (Sun)
- JSR 115, Java Authorization Contract for Containers (Sun)
- JSR 180, SIP API for J2METM (Nokia)
- JSR 281, IMS Services API (Ericsson AB)



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Thanks

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