



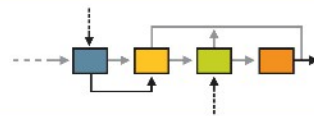
Java Community Process (JCP) Program Activities

2009 Year End Summary

<http://jcp.org>

Prepared for 12 January 2010

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Community Development of Java Technology Specifications



Agenda



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

Membership



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- 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



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- 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

Active JSRs in 2009



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- 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



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- Target platforms: ME: 16 (20 in 2008), SE: 14 (16 in 2008), EE: 12 (10 in 2008).
 - 8 (6 in 2008) JSRs targeted both SE and EE, 2 targeted ME & SE, 2 targeted both SE/EE and ME.

Active JSRs



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- 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



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- Target platforms: ME: 20 (26 in 2008), SE: 17 (22 in 2008), EE: 14 (15 in 2008).
 - 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).

Spec Leadership



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25 Entities; 22 (22 in 2008) organizations and 3 (4 in 2008) individuals played a Spec Lead role in 65 (72 in 2008) active JSRs.

Sun	23	AT&T	1	WBEM Solutions	1
Nokia	10	Aplix	2	Ascom	1
Oracle	9	Google	2	Jean-Marie Dautelle	1
Motorola	1	Conversational	1	Werner Keil	1
IBM	2	Day Software	1	Jacob Feldman	1
Ericsson	3	IAIK Graz University	1	SpringSource	1
SK Telecom	2	DataDirect	1	TimeSys	1
HP	1	LG Electronics	1		
Red Hat	2	Samsung	1		
Vodafone	1	Open Cloud	1		

Expert Group Membership



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- 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



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Sun	88	HP	16	RIM	8
AT&T	6	Sony Ericsson	12	Fujitsu	7
Oracle	73	Vodafone	11	SpringSource	4
IBM	53	Apache	11	SK Telecom	4
Motorola	33	LGE	11	T-Mobile	2
Nokia	32	Pramatti	11	Werner Keil	3
Red Hat	25	Telecom Italia	10	Doug Lea	1
Ericsson	22	Siemens	9	Tim Peierls	1
SAP	22	Google	10	Time Warner	0
Samsung	18	Intel	8	Eclipse	0
Orange France	16	Aplix	7	Sean Sheedy	0

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

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Appendix: Active JSRs

New JSRs (JSR Review Ballot)



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- JSR 327, Dynamic Contents Delivery Service API for Java™ ME (SK Telecom)
 - Went on to Public Review
- JSR 328, Change Management API (Ascom)
- JSR 329, Portlet 2.0 Bridge for JavaServer™ 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 Java™ ME (Samsung)

Completed JSRs (Final Release 2009)



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- 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 Java™ 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)



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- JSR 314, JavaServer Faces 2.0 (Sun) *25 months*
- JSR 315, Java™ Servlet 3.0 Specification (Sun) *29 months*
- JSR 316, Java™ Platform, Enterprise Edition 6 (Java EE 6) Specification (Sun) *29 months*
- JSR 317, Java™ Persistence 2.0 (Sun) *29 months*
- JSR 318, Enterprise JavaBeans™ 3.1 (Sun) *29 months*
- JSR 322, Java™ 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)



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- 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)



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- 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 240, JAINTM 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)



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- JSR 300, DRM API for Java™ (LGE)
 - FAB November 2009, PMO waiting for clarification/update

Maintenance Releases



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- 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 Process™ 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



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- JSR 109, Implementing Enterprise Web Services (Sun)
- JSR 115, Java™ Authorization Contract for Containers (Sun)
- JSR 222, Java™ Architecture for XML Binding (JAXB) 2.0 (Sun)
- JSR 224, Java™ API for XML-Based Web Services (JAX-WS) 2.0 (Sun)
- JSR 180, Java™ API for XML-Based Web Services (JAX-WS) 2 (Nokia)

Maintenance Reviews w/out Releases



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- 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 J2METM (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)



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- JSR 327, Dynamic Contents Delivery Service API for Java™ ME (SK Telecom)
- JSR 275, Units Specification (Werner Keil, Jean-Marie Dautelle)

Active JSRs (Early Draft)



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Process

- 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 Java™ 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 JavaServer™ Faces 1.2 Specification (Oracle)

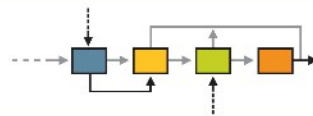
Active JSRs (Proposed Final Draft)



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- 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 JavaServer™ 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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