



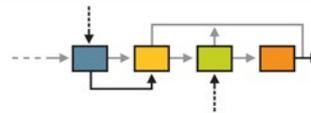
Java Community Process (JCP) Program Activities

2014 Year End Summary

<http://jcp.org>

Prepared for 13 January 2015

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Community Development of Java Technology Specifications

Agenda



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- Membership/Participation
- Executive Committee & Elections
- Active JSRs
- Spec Leadership
- Expert Group Participation
- Inactive JSRs/Renewal Ballots
- Adopt-a-JSR Program
- Appendix: List of all Active JSRs

- JCP Membership declined by -52% in 2014 to 1009, including cancellations (-1% growth rate in 2013).
- **Membership distribution:**
 - Increase in Corporations & Non-Profits, decrease in Individuals.
 - 80% Individual, 13% Corporate, 7% Non-Profit (mostly JUGs).
- **Membership distribution by location:**
 - 52% North America.
 - 31% Europe and the Russian Federation.
 - 14% Asia and the Middle East.
 - 3% South America.
 - Slight increase in North America & Asia, slight decrease in South America & Europe from 2013.

- JCP Membership Renewal Effort began April 2011.
- Will complete all renewals/cancelations in Q1 2015.
- In 2014 we began reaching out to select community members to offer waived membership fees (since we will eliminate fees as part of JCP.Next/JSR 364 in 2015).

New/re-joined CORPs are: C2B2, Caelum, Canoo AG, Cloudera, Consol GmbH, Dexta, Gradleware, Hazelcast, ICEsoft Technologies, innoQ, Intalio, Irian Solutions GmbH, Jelastic, Kaazing Corporation, MicroDoc, MongoDB, oparco, Rakuten, Savoir Technologies, Summa Tech do Brasil, Terra Firma Engineering, TimeSys, Tomitribe, Webtide, Wombat Software, Vaadin, Vision Service Plan, and ZEEF.

New JUGs are: Alpes JUG, Berlin JUG, Bulgarian JUG, DFJUG, GUJava SC, KanJUG, Manchester JUG, and Melbourne JUG.

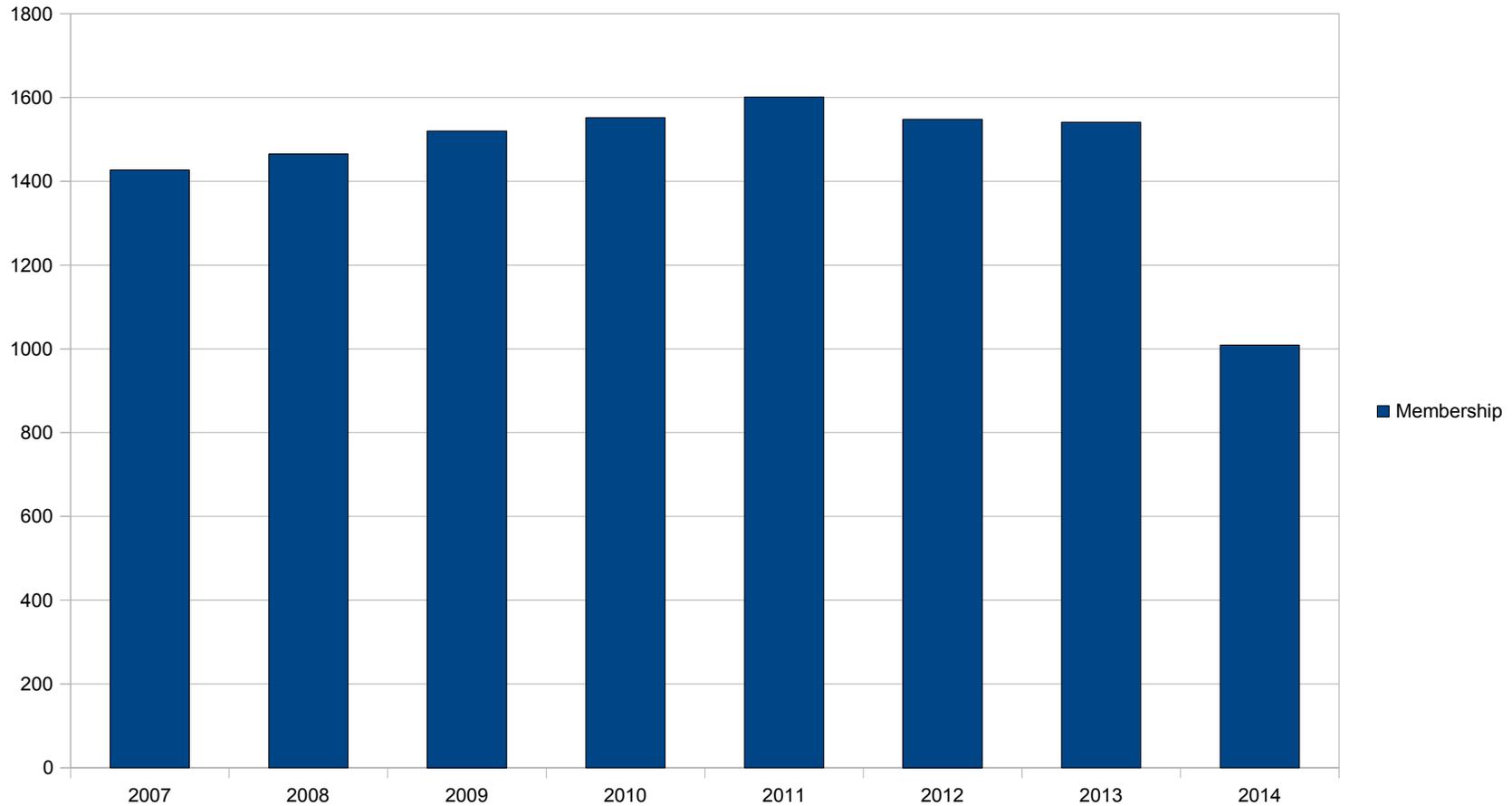
Membership Cancellation Reasons



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- Became Java Technology Licensees (move to Licensee category)
- JSR went final and JCP engagement is complete
- Facing financial difficulties; chose to join JCP as individual Members instead
- No active members remaining on Membership and no response received from Corporate Headquarters
- Acquisitions / mergers
- Bankruptcy

JCP Membership (2007-2014)



Participation



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- 14,224 total Registered users (includes Members and Non Members); 6% increase from 2013.
- 2,917 are Members, 21%
- 11,307 users are Non-Members, 79%

EC Elections

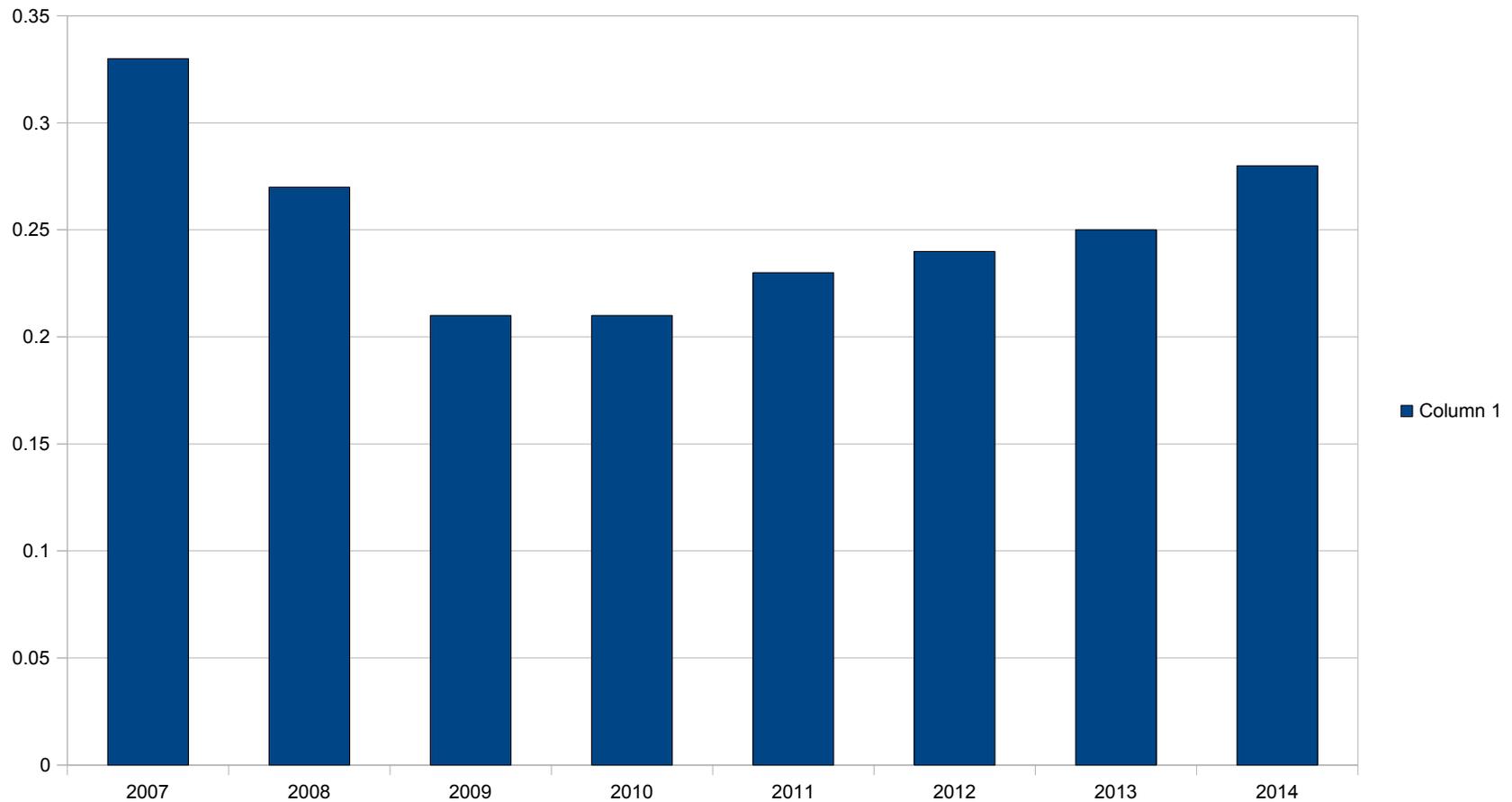


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- Voter participation increased from 25% to 28%.
 - <http://jcp.org/en/whatsnew/elections>
- The EC has 25 Members total.
- Ratified seats serving a two-year term: Gemalto M2M, Software AG, SAP, Freescale, Goldman Sachs, MicroDoc, V2COM and TOTVS.
- Elected seats serving a one-year term: ARM, Azul Systems, Hazelcast, Werner Keil and Geir Magnusson Jr.
- CloudBees, Nokia, Morocco JUG terms ended.

- EC Member Statistics – JSR ballots and meeting attendance (42 ballots, 9 meetings).
 - <http://jcp.org/files/2014JCPECParticipationStats.pdf>
- Top 5: Fujitsu, Goldman Sachs, HP, IBM, Oracle.
- Bottom 5: SAP, Intel, Credit Suisse, Freescale, Software AG.

EC Elections Participation% (2007-2014)



- 43 Active JSRs (48 in 2013)*.
 - 15 new JSRs started (1 in 2013) – 2 went on to later stages.
 - 8 JSRs completed (14 in 2013) – 1 went on to maintenance.
 - Almost all migrated to JCP 2.8/2.9, JSR 302, JSR 333 have not migrated, excludes maintenance.
 - 23 Active JSRs in other stages.
 - 3 in Early Draft stage.
 - 4 in EG Formation
 - 1 in Public Review stage.
 - 1 in Proposed Final Draft.
 - 14 in Maintenance.

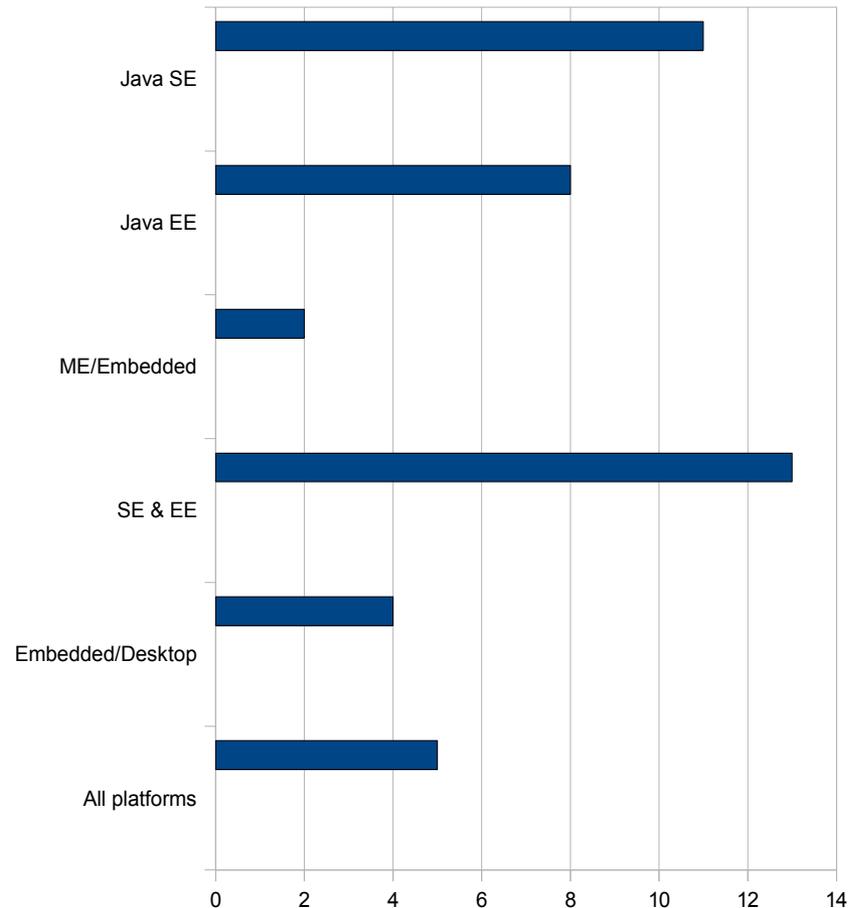
*Active JSRs include JSRs that started, completed, issued a maintenance release, published a draft, or went to ballot in the last 12 months.

Target Platforms of all Active JSRs

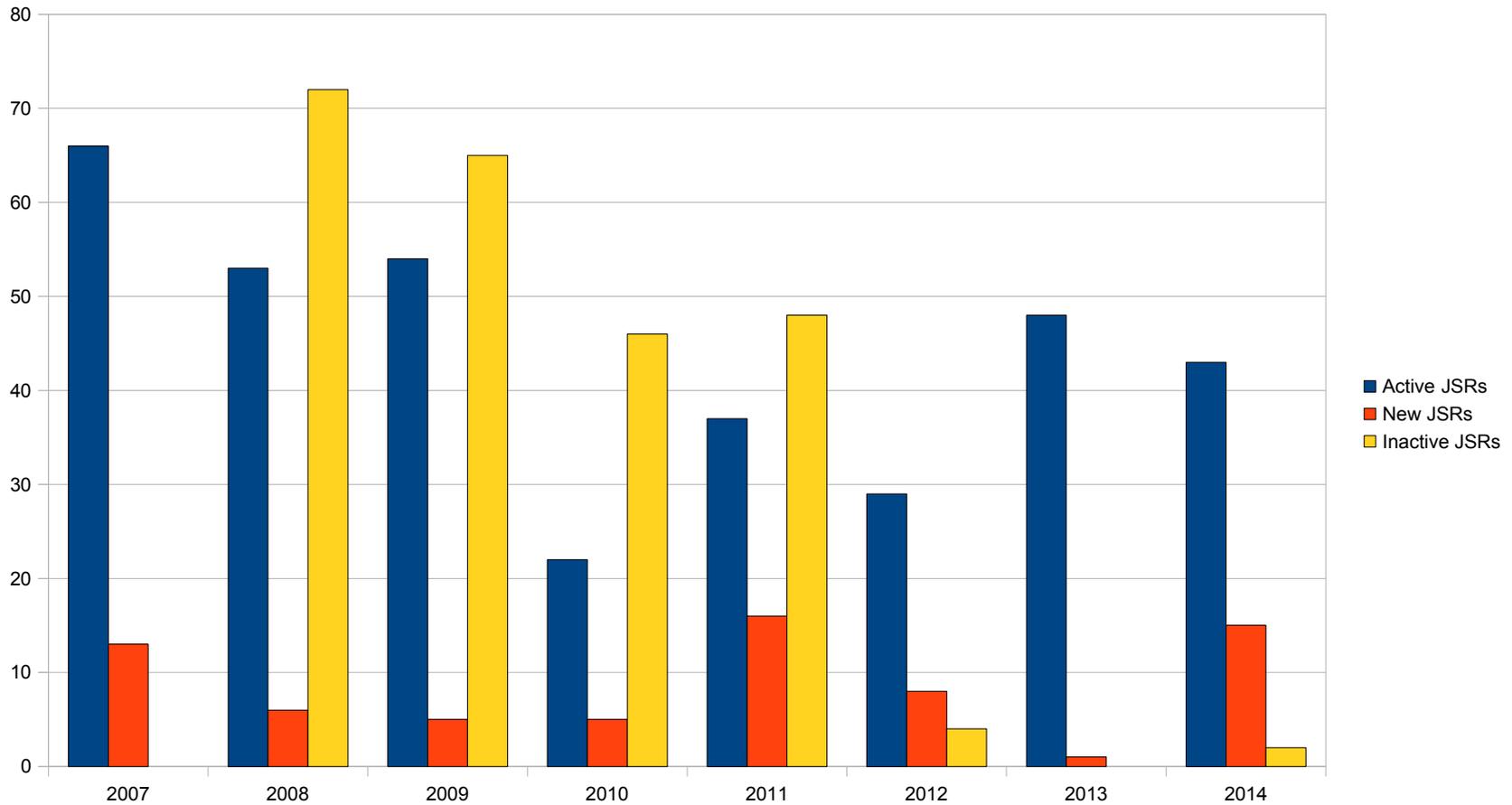


- Target platforms:

- Java SE: 11 JSRs.
- Java EE: 8 JSRs.
- ME/Embedded: 2 JSRs.
- Java SE & EE: 13 JSRs.
- Embedded/Desktop: 4 JSRs.
- All platforms: 8 JSRs.



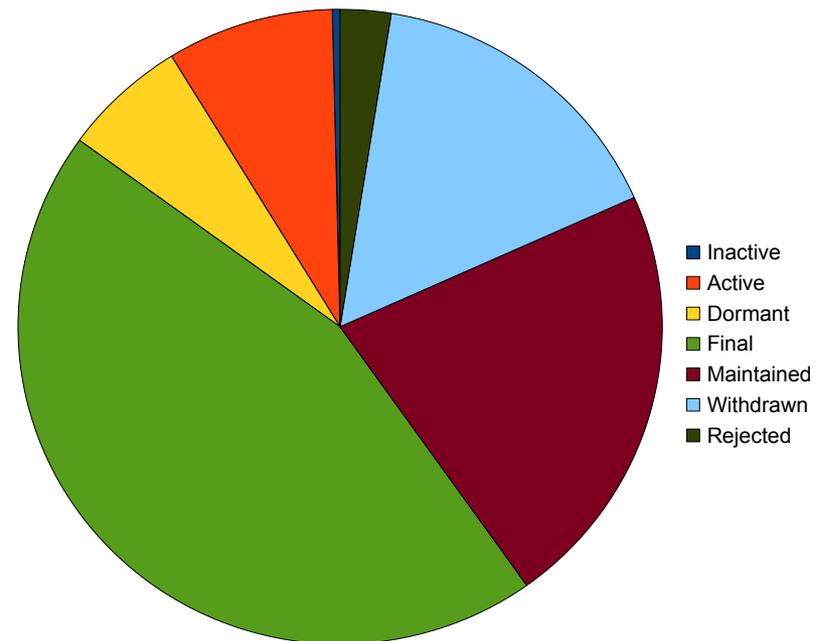
JSR Activity Summary (2007-2014)



Summary of JSR Stages

- Total JSRs: 404 (377 JSRs, 27 900 JSRs):

- Active JSRs: 43
- Inactive JSRs: 2
- Dormant JSRs: 32
- Final JSRs: 230
- Maintained JSRs: 112
- Withdrawn JSRs: 81
- Rejected JSRs: 13

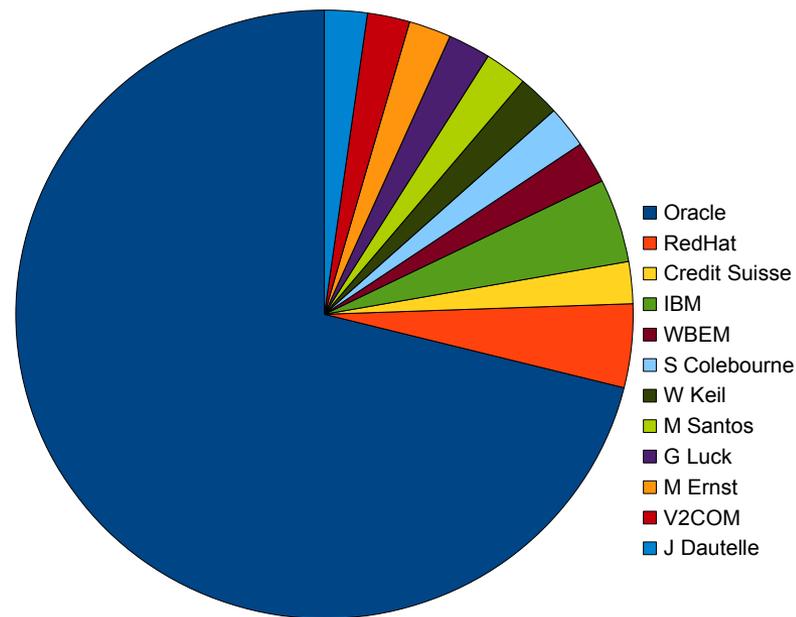


Spec Leadership – Active JSRs



Entity	Total JSRs
Oracle	32
RedHat	2
IBM	2
WEBEM	1
Credit Suisse	1
A Almiray	1
S Colebourne	1
M Santos	1
G Luck	1
W Keil	1
J Dautelle	1
V2COM	1
M Ernst	1

13 Entities; 6 (6 in 2013) Organizations and 7 (4 in 2013) Individuals played a Spec Lead role in 43 Active JSRs.

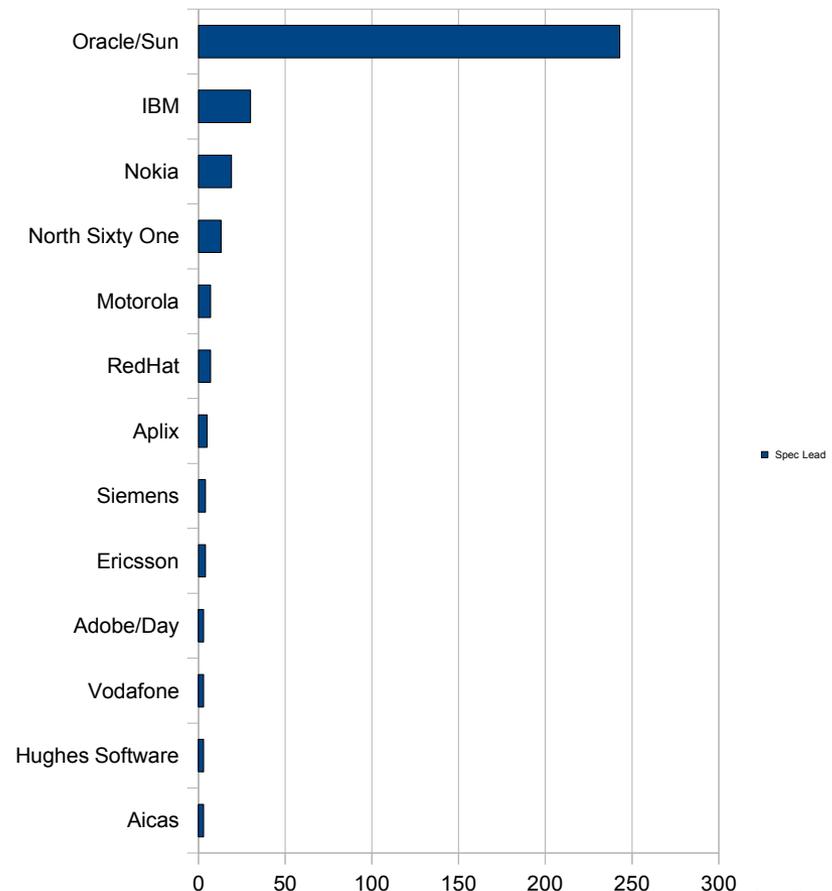


Spec Leadership of All JSRs



- 84 different Members have led the 404 JSRs.
- 84% of Members lead 1-2 JSRs.
- 16% lead 3 or more JSRs (shown on chart-right).
- Oracle/Sun has led 60% of all JSRs.

Members leading 3 or more JSRs



- 2014 JCP Award Winners:
 - Heather VanCura, JSR 360, Michael Lagally, Otavio Goncalves de Santana:
 - https://jcp.org/en/press/news/awards/2014award_nominees
- 2014 Star Spec Lead – Nominations open.
 - <https://www.java.net/jcp/star-spec-leads#nomination>



43 Active JSRs; 456 (587 in 2013) expert group members served on the associated EGs.

–Average of about 11 per EG (12 in 2013).

•72 (72 in 2013) organizations represented.

–Mostly corporations, 4 non-profits.

–Organizational EG reps often serve on multiple EGs.

–Organizations often have several reps on a single EG.

•91 (134 in 2013) individuals represented.

–Most individuals served on 1 EG (of an Active JSR).

- Some Individual Experts serving on 2-13 EGs.

•54% of all EG reps are from EC Members (52% in 2013).

Organizational and EC representation on EGs



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Oracle	97	Software AG	4	Otavio de Santana	3
IBM	36	Gemalto M2M	4	Ben Cotton	3
RedHat	19	Apache	4	ARM	2
SAP	10	Liferay	4	V2COM	3
Werner Keil	13	London Java Community	4	Freescale	2
Credit Suisse	7	R Hightower	3	Eclipse	2
TmaxSoft	7	Nokia	3	SouJava	2
Google	6	Ericsson	3	MicroDoc	2
TOTVS	6	Hazelcast	3	Intel	2
Fujitsu	5	Doug Lea	3	Twitter	2
Goldman Sachs	5	Tomitribe	3	Geir Magnusson	2
HP	5	Schmid Telecom	3		
Azul	4	WBEM	3		
Novell	4	Cisco	3		
TIBCO	4	JUG Chennai	3		

*Members with ≥ 3 reps on Active JSRs
plus EC members (in yellow).*

Expert Group Membership – All JSRs



- 404 JSRs; 2425 expert group members served on the associated EGs.
 - 425 distinct JCP Members providing Experts.
 - Average of about 6 Experts per EG (removing 900 series JSRs).
 - 1589 Experts representing 109 Corporations (66%).
 - 296 Individual Experts (30%).
 - 103 Experts representing 20 Institutions or JUGs (4%).

Organizational on EGs - All JSRs



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Oracle	502	Symbian	32	Werner Keil	23
IBM	184	Vodafone	27	Google	19
SAP	98	SAS	27	Adobe	21
RedHat	105	Ericsson	32	AT&T	16
Motorola	94	Esmertec	22	Intel	16
Nokia	36	TIBCO	21	LG Electronics	14
HP	63	Cisco	21	VMWare	13
Siemens	53	Aplix	21	America Online	13
Apache	43	Sharp	20	Gemalto	12
Samsung	37	RIM	19	OW2	11
Fujitsu	38	NEC	19	Adam Bien	10
Novell	33	Doug Lea	19	Insignia	10

*Members with ≥ 10 reps on Active
JSRs
plus EC members (in yellow).*

- Inactive JSR stage introduced in 2009--reduced Inactive JSRs from 72 JSRs to 2 JSRs in 2014.
 - JSR 302, Safety Critical Java Technology; The Open Group
 - JSR 333, Content Repository API for Java Technology 2.1; Adobe
- JCP 2.8 or above JSRs have JSR Deadlines/Renewal Ballots (all Active JSRs now operating under JCP 2.8 or above).

Renewal Ballots – JSRs 2.8 or above



- **Renewal Ballots in 2014:**
 - JSR 358, A major revision of the Java Community Process
 - JSR 362, Portlet Specification 3.0
- **JCP 2.9 section 1.3 JSR Deadlines:**

If a JSR does not begin Early Draft Review within 9 months of completing its JSR Approval Ballot, or does not begin Public Review within 12 months of first submitting an Early Draft, or does not reach Final Release within 12 months of commencing Public Review, then the EC should initiate a JSR Renewal Ballot unless it is agreed that there are extraordinary circumstances that justify the delay. The PMO shall inform the Spec Lead and Expert Group of this decision and will request the Spec Lead and Expert Group to prepare a public statement to the EC. The JSR Renewal Ballot shall start 30 days after the request. If the JSR Renewal Ballot is approved by the EC, then another renewal ballot cannot be initiated for that JSR for an additional year.

Adopt-a-JSR Program Status



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- **Adopt-a-JSR program:** <http://java.net/projects/adoptajsr/pages/Home>
- **Java EE 8 JSRs:** <http://glassfish.org/adoptajsr>
- **30 JUGS participating: South America, North America, Europe, Africa & Middle East:** <https://java.net/projects/adoptajsr/pages/WhoIsAdoptingJSRs>
- **24+ JSRs 'adopted':** Java SE 8 JSRs, Java EE 7/8, OpenJDK, Java test & countdown projects.
- **Translated wiki home page into 9 languages:** Arabic, Chinese, English, French, German, Hebrew, Japanese, Portuguese, Turkish.

- Adopt-a-JSR for Java EE 8
- Adopt-a-JSR w/Java EE 8 Spec Leads in Prague.
- Adopt-a-JSR w/CDI, JSR, Servlet, MVC Spec Leads
- How to Coordinate Adopt-a-JSR Feedback. .
- Meet the EC Candidates.
- Public EC Meetings (2).
 - All sessions posted: <http://jcp.org/en/resources/multimedia>



Appendix: 2014 Active JSRs

- JSR 363, Units of Measurement API
- JSR 364, Broadening JCP Membership
- JSR 365, CDI 2.0 (Red Hat)
- JSR 366, Java EE 8 Platform Specification (Oracle)
- JSR 367, Java API for JSON Binding (Oracle)
- JSR 368, JMS 2.1 (Oracle)
- JSR 369, Java Servlet 4.0 Specification (Oracle)
- JSR 370, JAX-RS 2.1 Specification (Oracle)
- JSR 371, MVC 1.0 Specification (Oracle)
- JSR 372, Java ServerFaces 2.3 Spec (Oracle)

New JSRs



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- JSR 373, Java EE Management 2.0 (Oracle)
- JSR 374, Java API for JSON-P 1.1 (Oracle)
- JSR 375, Java EE Security API (Oracle)
- JSR 376, Java Platform Module System (Oracle)
- JSR 377, Desktop|Embedded Application API (A Almiray)

- JSR 347, Data Grids for the Java Platform; RedHat (request to withdraw)
- JSR 350, Java State Management; Oracle (renewal ballot planned)
- JSR 358, A Major Revision to the Java Community Process; Oracle (passed Renewal Ballot)
- JSR 362, Portlet 3.0 Specification (IBM) (passed Renewal Ballot)

Active JSRs (Early Draft)



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JSR 351, Java Identity API; Oracle (renewal ballot planned)

JSR 363, Units of Measurement API

JSR 364, Broadening JCP Membership

Public Review



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JSR 354, Money and Currency API; Credit Suisse

Proposed Final Draft



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JSR 359, SIP Servlet 2.0 (Oracle)

Completed JSRs (Final Release 2014)



- JSR 48, WBEM Services Specification; WBEM Solutions (174 months)
- JSR 107: Final Release – JCACHE; G Luck, Oracle (156 months)
- JSR 308: Final Release – Annotations on Java Types; M Ernst, Oracle (89 months)
- JSR 310: Final Release – Date & Time API; S Colebourne, Oracle, M Santos (86 months)
- JSR 335: Final Release – Lambda Expressions for the Java Programming Language; Oracle (40 months)
- JSR 337: Final Release – Java SE 8 Release Contents; Oracle (40 months)
- JSR 360, Connected Limited Device Configuration 8; Oracle (18 months)
- JSR 361, Java ME Embedded Profile; Oracle (18 Months)

**Time to completion is from JSR Review Ballot to Final Release*

Maintenance Release



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- JSR 56, Java Network Launch Protocol & API; Oracle
- JSR 173: Maintenance Review – Streaming API for XML; Oracle
- JSR 269: Maintenance Review – Pluggable Annotation Processing API; Oracle
- JSR 206: Maintenance Review – Java API for XML Processing (JAXP) 1.3; Oracle
- JSR 3: Maintenance Review – Java Management Extensions (JMX) Specification; Oracle
- JSR 114: Maintenance Review – JDBC Rowset Implementations; Oracle
- JSR 160: Maintenance Review – Java Management Extensions Remote AP; Oracle
- JSR 199: Maintenance Review – Java Compiler API; Oracle
- JSR 221: Maintenance Review – JDBC 4.0 API Specification; Oracle

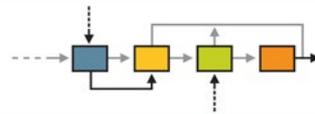
Maintenance Release



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- JSR 337, Java SE 8 Release Contents; Oracle
- JSR 339, JAX-RS 2.0; Oracle
- JSR 346, CDI 1.0; Red Hat
- JSR 352, Batch Applications for the Java Platform; IBM
- JSR 356, Java API for WebSocket; Oracle

Thank you, merci, grazie. gracias,
danke, obrigado, bedankt, kiitos,
xie xie, ありがとう , tak, tack.



Community Development of Java Technology Specifications