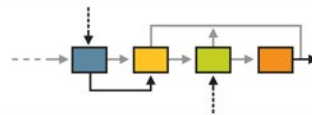# Java Community Process (JCP) Program Activities

2012 Year End Summary

http://jcp.org

Prepared for 15 January 2013

Heather VanCura

Community Development of Java Technology Specifications

Agenda

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

Membership

- JCP Membership declined by 3% in 2012 to 1548, including 128 cancellations* (3% growth rate in 2011).

- Membership distribution:

- Increase in individuals, decrease in corporations.

  – 87% individual, 10% corporate, 3% non-profit (mostly JUGs; see slide 6).

- Membership distribution by location:

  – 48% North America.

  – 34% Europe and the Russian Federation.

  – 12% Asia and the Middle East.

  – 6% South America.

- Slight decrease in North America & Asia, slight increase in Europe & South America from 2011.

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*Program Office re-initiated Membership renewals and invoicing in April 2011 for corp type. See next slide for details.

Membership Renewals

- JCP Membership Renewal Effort began April 2011*
  - Collect fee and confirm contact details.
- Fee bearing corporations: complete, renewals ongoing.
- Licensee corporations: Q1 2013.
- Institutions and JUGs: Q2 2013.
- Individuals Q3: 2013.

*Program Office re-initiated Membership renewals and invoicing in April 2011 for corp type. See next slide for cancellation details.

Membership Cancellation Reasons

- 26% No active members remaining on Membership and no response received from Corporate Headquarters.

- 15% Acquisitions/Mergers-incorporated into current JCP Membership.

- 13% JSR went Final and JCP engagement complete.

- 11% Financial diff culties; chose to join JCP as Individual Members instead.

- 7% Acquiring company no interest in being a JCP Member

- 6% Company out of business.

- 4% Primary contact left company and contact remaining does not want to renew.

- 18% unknown.

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JCP Membership (2007-2012)

6
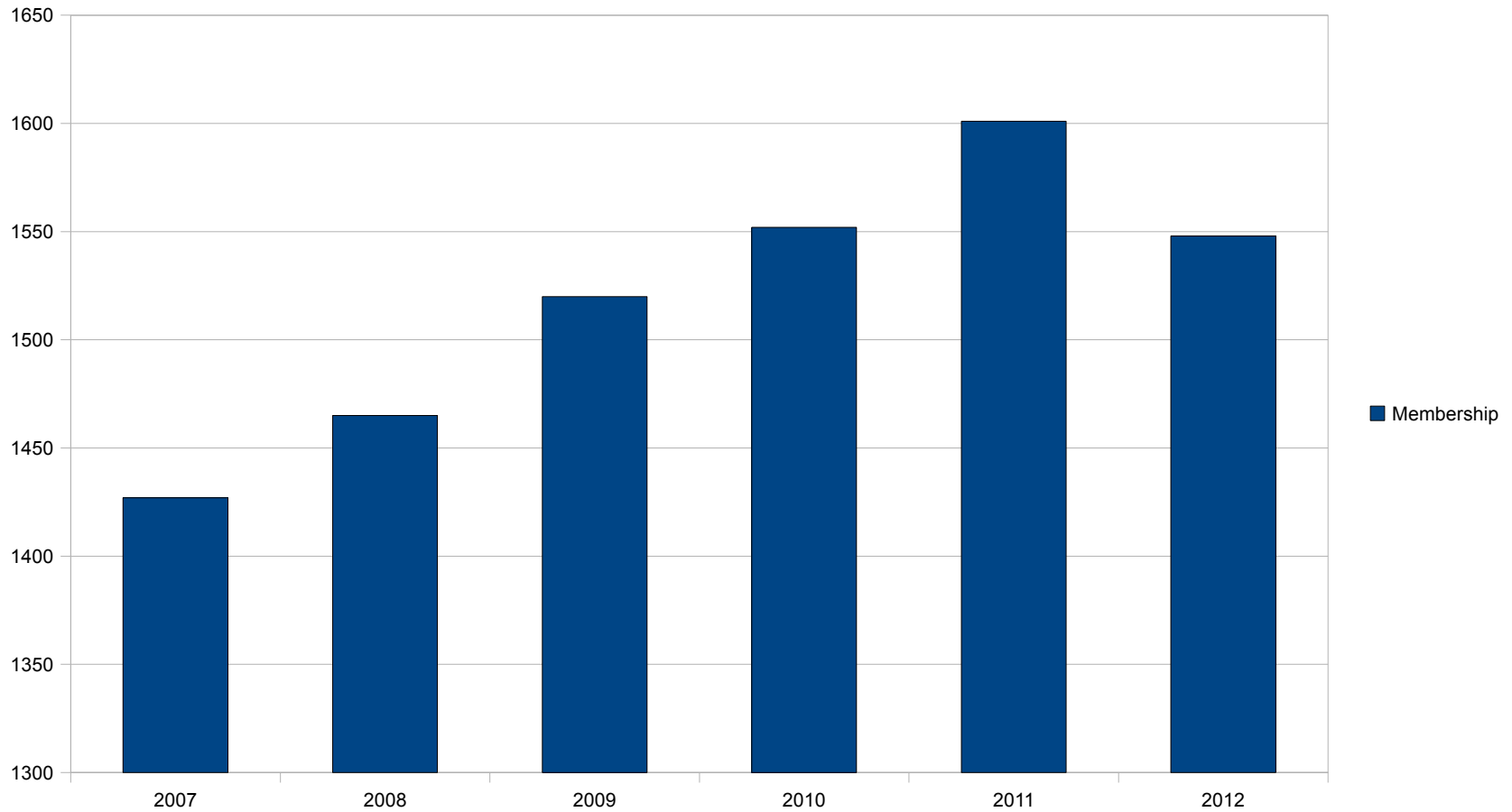
JUG Members (36)

- BeJUG (Belgium)
- BreizhJUG (Brittany)
- Connecticut JUG (USA)
- Detroit JUG (USA)
- Duchess (Women)
- FASOJUG (Burkina Faso)
- Green Tea JUG (China)
- Houston JUG (USA)
- iJUG e.V. (Germany)
- IndiJava (India)
- ITP_JUG (Peru)
- Japan JUG
- Java Student User Group (Vienna)
- Java Web User Group (London)
- Jozi JUG (South Africa)
- JUG-AFRICA
- JUG Chennai (India)
- JUG-EG (Egypt)

- JUG Frankfurt (Germany)
- JUG Indonesia
- JUG-MK (Macedonia)
- JUG-RU (Russia)
- JUG-USA
- London Java Community (UK)
- Malaysia-JUG
- Morocco JUG
- Nashville JUG (USA)
- Central Ohio JUG (USA)
- Oklahoma City JUG (USA)
- Rio JUG (Brazil)
- Riviera JUG (France)
- Ruhrjug (Germany)
- Silicon Valley JavaFX User Group (USA)
- SouJava (Brazil)
- Utah JUG (USA)
- Vancouver Island JUG (Canada)

Participation

- 12,030 total Registered users (includes Members and Non Members); 17% increase from 2011.

- 1,441 users are Individual Members (12%).

- 2,206 users are associated w/Corp. Members (18%).

- 136 users are associated w/Non-profit Members (1%).

- 8,247 users are Non-Members (60%).
    - 65% increase in Non-Member registered users from 2010.

Note: Collecting statistics on observer/public participation in 2013 via Adopt-a-JSR program:

http://www.java.net/form/jcp-2829-transparency?force=408

- Voter participation increased from 23% to 24%.
  - http://jcp.org/en/whatsnew/elections
- The EC Merged with 24 Members total.
- CloudBees, London Java Community elected.
- Cinterion, Credit Suisse, Fujitsu, HP ratified (6 ratified seats held in reserve).
- RIM, Samsung, SK Telecom forfeited their seats; CableLabs resigned; AT&T, Deutsch Telekom, Siemens, Vodafone terms ended.
- All EC Members will run for election in 2013.
  - Top 24 Members will win seats on the EC, plus Oracle permanent seat.

EC Elections

- EC Member Statistics – JSR ballots and meeting attendance.
    - http://jcp.org/files/2012JCPECParticipationStats.pdf
- Top 5 (6 way tie): Fujitsu, HP, IBM, Oracle, Siemens, TOTVS.
- Bottom 5: AT&T, Google, Azul, Twitter, Goldman Sachs (Samsung, SK Telecom, RIM, CableLabs removed from bottom 5).

EC Elections Participation% (2007-2012)
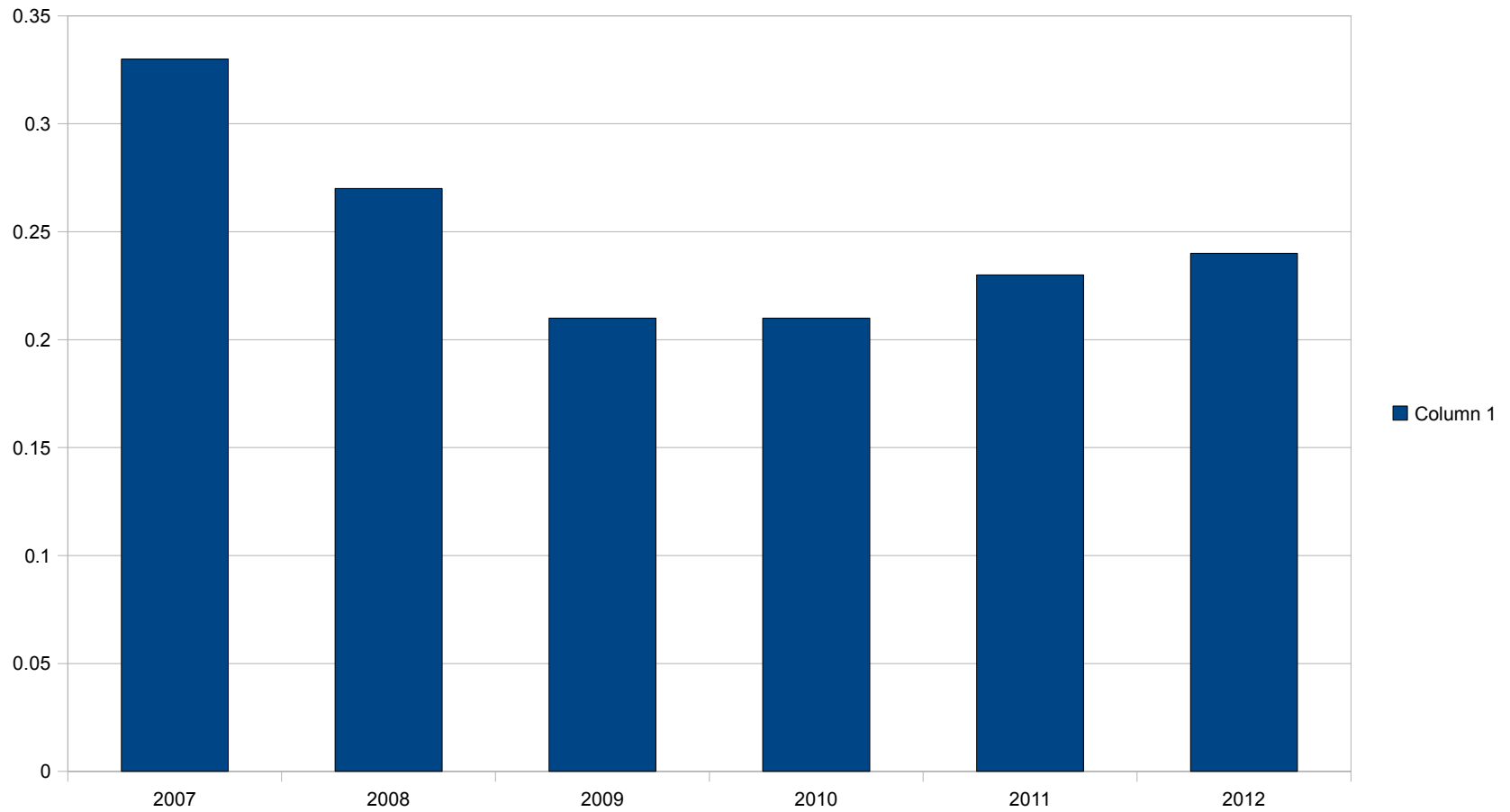
Active JSRs

- 29 Active JSRs (48 in 2011)*.
  - 8 new JSRs started (20 in 2011); 2 went on to later stages.
  - 1 JSR completed.
  - Almost all migrated to JCP 2.8/2.9 (JSR 342 in progress).
  - 11 active JSRs in other stages.
- 9 in Expert Group Formation (4 migrated JSRs)
- 5 in Early Draft stage.
- 13 in Public Review stage.
- 1 in Maintenance (still in JCP 2.7).
- 1 Rejected.

*Active JSRs include JSRs that started, completed, issued a maintenance release, published a draft, or went to ballot in the last 12 months (January 2012-December 2012); 2012 modif ed from 18 months in prior years.
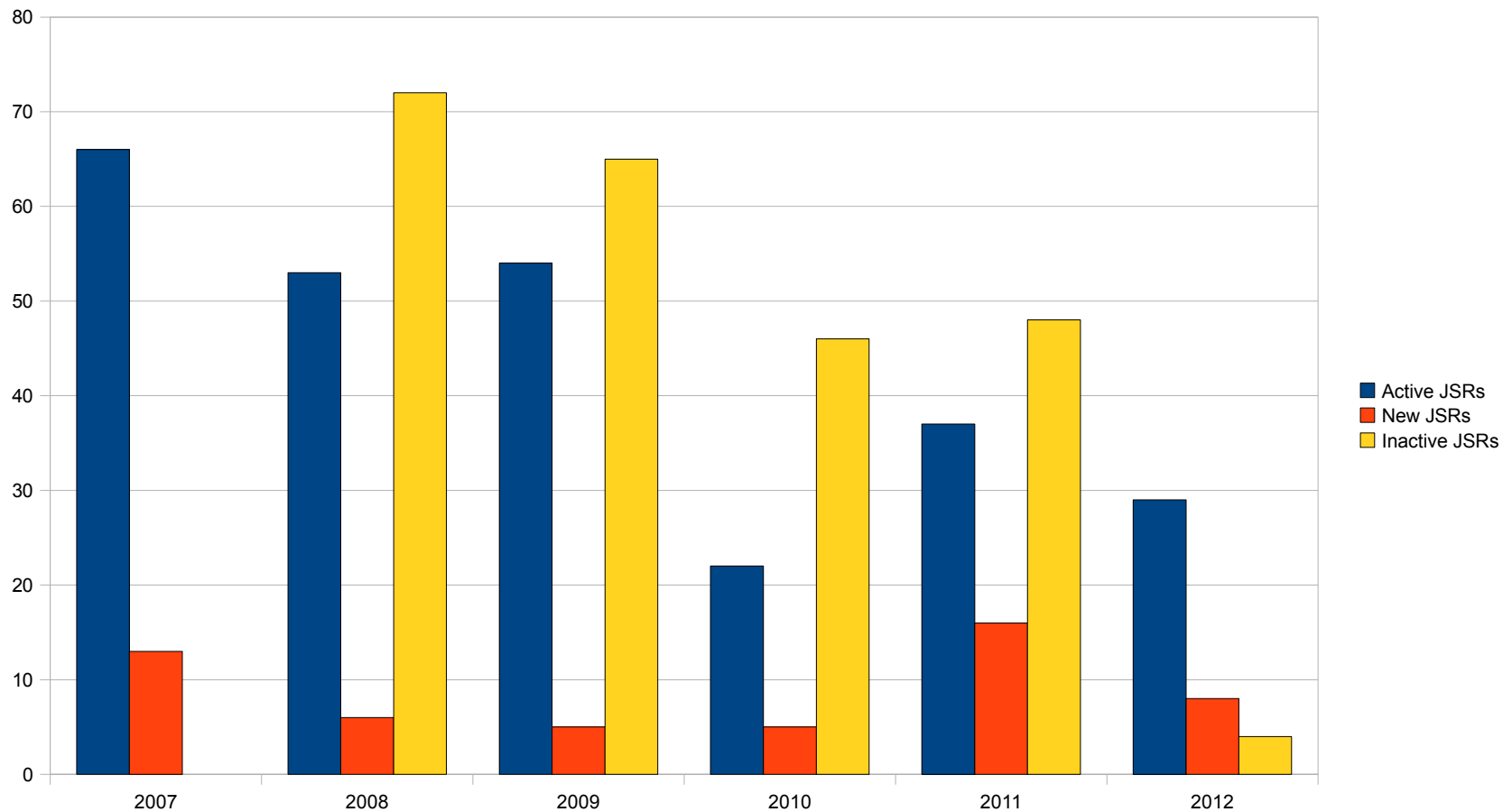
- Target platforms: Java ME:1 JSR (9 in 2011); Java SE: 3 JSRs (11 in 2011); Java EE: 7 JSRs (11 in 2011).

  - 1 targeted ME & embedded, 10 (11 in 2011) JSRs targeted SE and EE, 2 targeted SE & embedded (3 in 2011), 5 targeted all platforms, (3 in 2011).
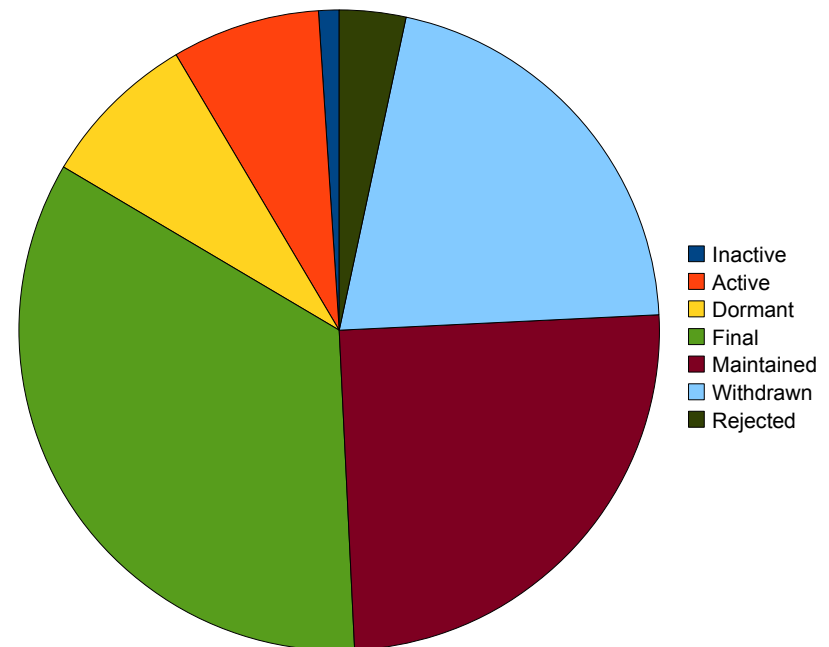

13
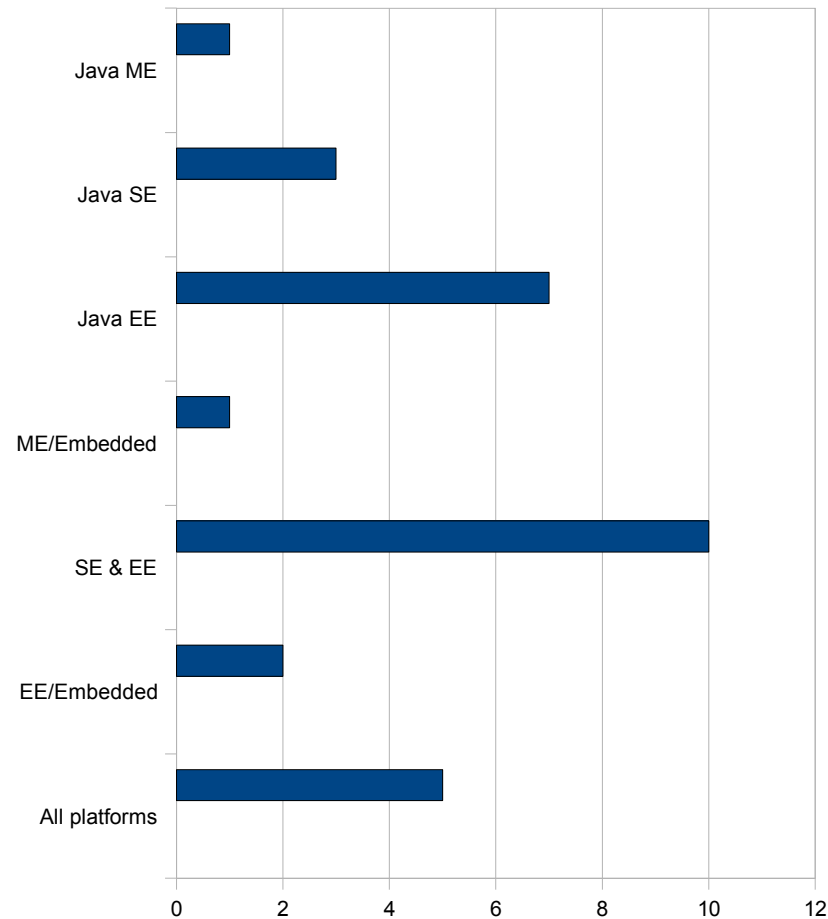
JSR Activity Summary (2007-2012)

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- Total JSRs: 388 (361 JSRs, 27 900 JSRs):
  - Active JSRs: 29
  - Inactive JSRs: 4
  - Dormant JSRs: 31
  - Final JSRs: 133
  - Maintained JSRs: 97
  - Withdrawn JSRs: 81
  - Rejected JSRs: 13

Legend:
- Inactive
- Active
- Dormant
- Final
- Maintained
- Withdrawn
- Rejected

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Entity	Total JSRs
Oracle	23
RedHat	3
Credit Suisse	1
IBM	1
J Feldman	1
S Colebourne	1
M Santos	1
G Luck	1
M Ernst	1

9 Entities; 4 (9 in 2011) organizations and 5 (1 in 2011) individuals played a Spec Lead role in 29 Active JSRs.

- Oracle
- RedHat
- Credit Suisse
- IBM
- J Feldman
- S Colebourne
- M Santos
- G Luck
- M Ernst

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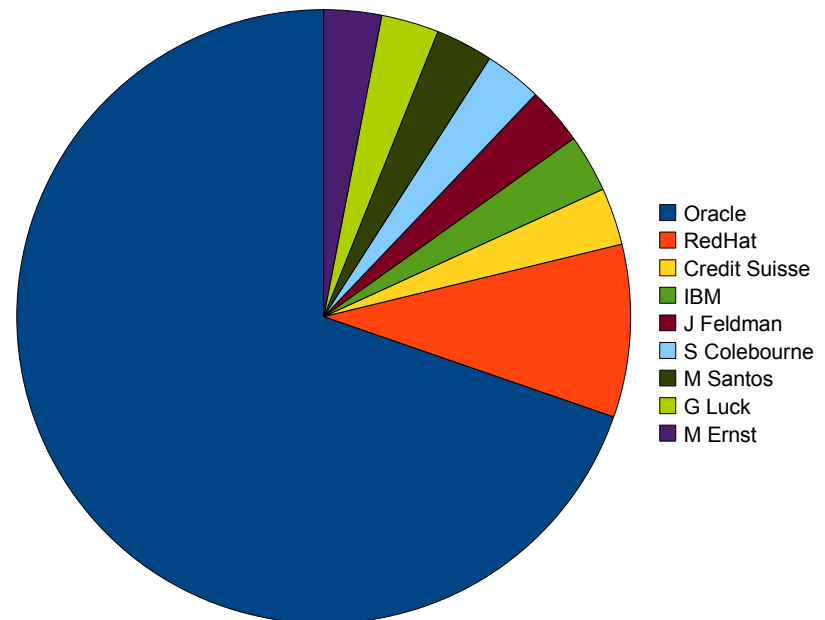
Members leading 3 or more JSRs
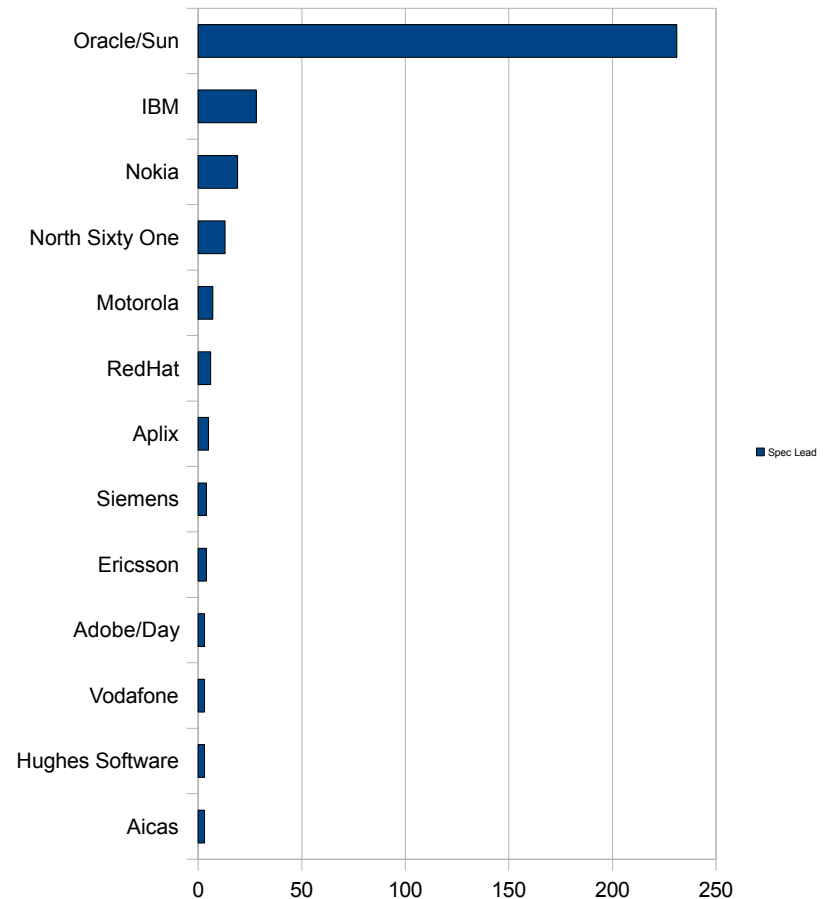
- 81 different Members have led the 388 JSRs.

- 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.

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Nominate a Star Spec Lead

2012 Star Spec Lead Nominations open through 18 January:

http://www.java.net/form/2012-jcp-star-spec-leads

Spec Leads profiles of Active JSRs:

http://www.jcp.org/en/press/news/sl_feature

Expert Group Membership

- 29 Active JSRs; 386 (638 in 2011) expert group members served on the associated EGs.
  - Average of about 13 per EG (13 in 2011).
- 54 (105 in 2011) organizations represented.
  - Mostly corporations, 8 non-profits.
  - Organizational EG reps often serve on multiple EGs.
  - Organizations often have several reps on a single EG.
- 95 (133 in 2011) individuals represented.
  - Most individuals served on 1 EG (of an Active JSR).
    - Some Individual Experts serving on 2-11 EGs.
- 53% of all EG reps are from EC Members (76% in 2011).

Oracle	55	Goldman Sachs	5	eBay	3
RedHat	38	Caucho	4	Ericsson	3
IBM	30	TOTVS	4	ARM	2
Werner Keil	11	Aplix	4	S Andreani	2
Credit Suisse	9	London JUG	4	Eclipse	2
Fujitsu	7	SAP	4	SouJava	2
VMWare	7	OW2	4	Intel	2
Pramati	7	Cinterion	3	Twitter	2
Adam Bien	7	AT&T	3	Azul	1
Google	6	Doug Lea	3	CloudBees	1
TmaxSoft	6	HP	3		
R Hightower	5	Nokia	3		

Members with >= 3 reps on Active JSRs
plus EC members.

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Expert Group Membership – All JSRs

- 388 JSRs; 2885 expert group members served on the associated EGs.
  - 536 distinct JCP Members providing Experts.
  - Average of about 8 Experts per EG (removing 900 series JSRs).
  - 2218 Experts representing Corporations (77%).
  - 574 Individual Experts (20%).
  - 93 Experts representing Institutions or JUGs (3%).

Oracle	524	Sony Ericsson	35	Sharp	20
IBM	178	Borland	33	NEC	19
SAP/Sybase	98	Aplix	33	Doug Lea	19
Motorola	95	Symbian	32	Google	19
RedHat	91	Novell	32	Telecordia	18
		RIM	30	ART	17
Nokia	77	Vodafone	27	Adobe	16
HP	61	SAS	27	AT&T	16
Siemens	54	Ericsson	26	Matsushita	15
Samsung	43	Esmertec	22	Intel	15
Apache	42	TIBCO	21	Werner Keil	15
Pramati	37	Progress	21	NTT DoCoMo	14
Fujitsu	36	Cisco	21	LG Electronics	14

Inactive JSRs

- Inactive JSR stage introduced in 2009--reduced Inactive JSRs from 72 JSRs to 4 JSRs in January 2013.

- JCP 2.8 or above JSRs have JSR Deadlines/Renewal Ballots (all Active JSRs now operating or in process of migrating).

  - http://www.jcp.org/en/resources/inactive

  - http://www.jcp.org/en/introduction/faq-jsr#inactive

- List of Current Inactive JSRs, January 2013:

  - JSR 302, Safety Critical Java Technology (Open Group)

  - JSR 333, Content Repository API for Java Technology 2.1 (Adobe)

  - JSR 332, Email Client API for Java ME (Samsung)

  - JSR 297, Mobile 3D Graphics API (Nokia, North Sixty-One); Existing Inactive JSR

- Propose to initiate Dormant Ballots with the EC for these 4 JSRs, unless updates are received, June 2013 (via section 2.1.2 of JCP 2.7 or below).

Renewal Ballots – JSRs 2.8 or above

- JSR 354, Money and Currency API; EDR deadline November 2012.

- JSR 358, A major revision of the Java Community Process, EDR deadline April 2013.

- JSR 359, SIP Servlet 2.0, EDR deadline April 2013.

- How to implement Renewal Ballot(s) moving forward?

- 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.

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Adopt-a-JSR Program Status

- Adopt-a-JSR program introduced in late 2011 by London Java Community and SouJava.

- Home: http://java.net/projects/adoptajsr/pages/Home

- Transparency Surveys: http://www.java.net/form/jcp-2829-transparency?force=408

- Java EE 7 JSRs: http://glassfish.org/adoptajsr

- 19 JUGS participating: Campinas JUG (Brazil), ceJUG (Brazil), GOJava (Brazil), SouJava (Brazil), Peru JUG, SV JUG (USA), Houston JUG (USA), Toronto JUG (Canada), London Java Community (UK), BeJUG (Belgium), Madrid JUG (Spain), JUG Cologne (Germany), Indonesia JUG, Hyderabad JUG (India), JUG Chennai (India), Morocco JUG, Faso JUG (Africa), Jozi JUG (South Africa).

- 23 JSRs 'adopted': 107, 299, 308, 310, 321, 331, 335, 338, 339, 342, 343, 344, 345, 346, 347, 348, 349, 352, 353, 354, 355, 356, 358.

- JSR 339, Java API for RESTful Web Services 2.0 & JSR 353, Java API for JSON Processing, are the most popular JSRs, being adopted by at least 5 JUGs.

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JCP Online Meetings

- Leverage the Community (Adopt-a-JSR).

- JCP 2.9 & Transparency.

- Expert Group Nominations Process.

- Developing a TCK.

- Meet the EC Candidates.

- Public EC Meetings (2).

- Suggestions for 2013?

- First call of 2013 scheduled for 18 January at 09:00 PST.
    - https://blogs.oracle.com/jcp/entry/adopt_a_jsr_program_online
    - All sessions posted: http://jcp.org/en/resources/multimedia

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JCP Online Survey Results

- Survey conducted in Q1 2012; 248 responses; 56% JCP Members

- Overall satisfaction: Very/somewhat satisfied with the JCP (59%), neither (24%), somewhat dissatisfied (9%), Very dissatisfied (8%).

- Reasons joined the JCP: Review & Comment on JSRs (77%), Propose new JSRs (39%), EC Elections participation (31%), Nominate EG Members (27%).

- Reasons did not join the JCP: Never considered it (39%), Not aware of benefits (33%), Too expensive (17%), Too complex (16%), Benefits not compelling (7%).

- Pace of the JCP: Should be slower (13%), Just right (43%), Should be faster (44%).

- The JCP is important to the development of Java (81% agree).

- Most users visit JCP.org at least once a month; more that half visit 6 or more times a month. Reasons to visit: View JSRs (63%), Comment of JSRs (36%), JSR news (32%), Community news (31%), find out more about JCP (28%).

- JUG Membership (31%); Use Java exclusively (46%), Use Java most of the time (37%).

- Technologies used: Java 6 (88%), HTML (73%), XML (62%), Java 7 (50%), Java 5 (44%), Spring (37%), C++(23%).

- Industry: Computer/software (46%), Financial (9%), Computer/Internet (8%), Student (8%), Education (4%).

Appendix: 2012 Active JSRs

New JSRs (JSR Review Ballot)

- JSR 354, Money and Currency API (Credit Suisse)
- JSR 355, EC Merge (Oracle); went on to Final Release
- JSR 356, Java API for WebSocket (Oracle); went on to Public Review
- JSR 357, Social Media API (W Keil, A Sabot-Durand); Rejected
- JSR 358, A Major Revision to the Java Community Process (Oracle)
- JSR 359, SIP Servlet 2.0 (Oracle)
- JSR 360, Connected Limited Device Configuration 8 (Oracle)
- JSR 361, Java ME Embedded Profile (Oracle)

EG Formation (Migrated from older version)

- JSR 337, Java SE 8 Release Contents (Oracle)
- JSR 347, Data Grids for the Java Platform (RedHat)
- JSR 350, Java State Management (Oracle)
- JSR 351, Java Identity API (Oracle)

Active JSRs (Early Draft)

- JSR 107, JCACHE - Java Temporary Caching API (G Luck, Oracle)
- JSR 308, Annotations on Java Types (M Ernst, Oracle)
- JSR 310, Date and Time API (S Colebourne, M Santos, Oracle)
- JSR 335, Lambda Expressions for the Java Programming Language (Oracle)
- JSR 340, Java Servlet 3.1 Specification (Oracle)

Public Review

- JSR 236, Concurrency Utilities for Java EE (Oracle)
- JSR 338, Java Persistence 2.1 (Oracle)
- JSR 339, JAX-RS 2.0: The Java API for RESTful Web Services (Oracle)
- JSR 341, Expression Language 3.0 (Oracle)
- JSR 342, Java Platform, Enterprise Edition 7 Specification (Oracle)
- JSR 343, Java Message Service 2.0 (Oracle)
- JSR 344, JavaServer Faces 2.2 (Oracle)
- JSR 345, Enterprise JavaBeans 3.2 (Oracle)
- JSR 346, Contexts and Dependency Injection for Java EE 1.1 (RedHat)
- JSR 349, Bean Validation 1.1 (RedHat)
- JSR 352, Batch Applications for the Java Platform (IBM)
- JSR 353, Java API for JSON Processing (Oracle)
- JSR 356, Java API for WebSocket (Oracle)

- JSR 355, Executive Committee Merge (Oracle) *7 months**

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

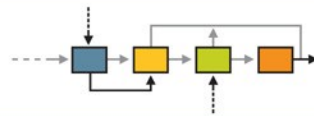• JSR 331, Constraint Programming API (Jacob Feldman) *Final also in 2012; 30 months**

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

Community Development of Java Technology Specifications