



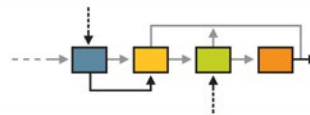
# Java Community Process (JCP) Program Activities

2015 Year End Summary

<http://jcp.org>

Prepared for 21 January 2016

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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
- JCP.org
- Adopt-a-JSR Program
- Awards
- Online Meetings
- Appendix: List of all Active JSRs

- JCP Membership declined by -12% in 2015 to 900, including cancellations (1009 Members & -12% growth rate in 2014).
- Membership distribution:
  - Increase in Corporations & Non-Profits, decrease in Individuals.
  - 76% Individual (107 Individuals on Active JSRs),
  - 16% Corporate (274 Representatives on Active JSRs),
  - 8% Non-Profit (15 Representatives on Active JSRs).
- Membership distribution by location:
  - 40% North America.
  - 41% Europe, Middle East, Africa.
  - 13% Asia, Oceania.
  - 6% South America.
- Decrease in North America, increase in Asia, South America & EMEA.

- JCP Membership Renewal Effort began April 2011.
- Will start migrating Individual Membership renewals/cancelations in Q1 2016 (more on that later).
- 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).
  - New/re-joined CORPs are: Jemorai, Jokl Technologies, Jumping Bean, Paremus, Qaware GmbH, Samuraism, Stormpath, Sompō Japan, Techsinapse, Trivadis AG.
  - New JUGs are: NL JUG (Netherlands), NYCJava, TW JUG (Taiwan).

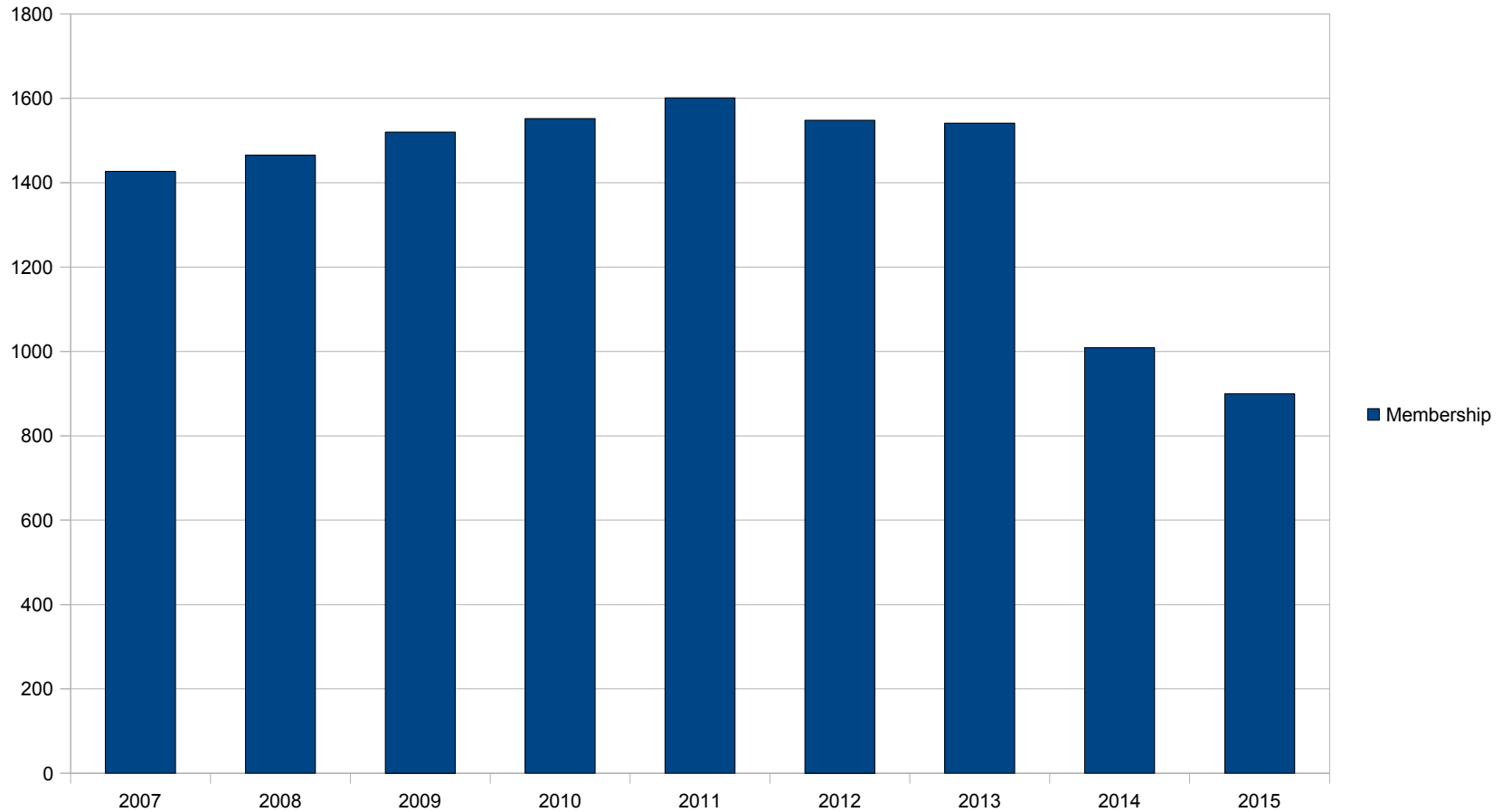
# Corporate Membership Cancellation Reasons



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- JSR went final and JCP engagement is complete.
- Facing financial difficulties/membership fee is issue; chose to join JCP as individual Members instead (due to \$5,000 annual fee).
- No active members remaining on Membership and no response received from Corporate Headquarters.
- Acquisitions /Mergers/Bankruptcy.

# JCP Membership (2007-2015)



# Participation



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- 14,661 total Registered users (includes Members and Non Members); 14, 224 in 2014, ~3% increase from 2014.
- 2,669 are Members, 18%
  - 1716 associated w/Corporate Members (64%).
  - 729 are Individual Members (27%).
  - 224 are associated w/Non-Profit Members (9%).
- 11,992 users are Non-Members, 82%

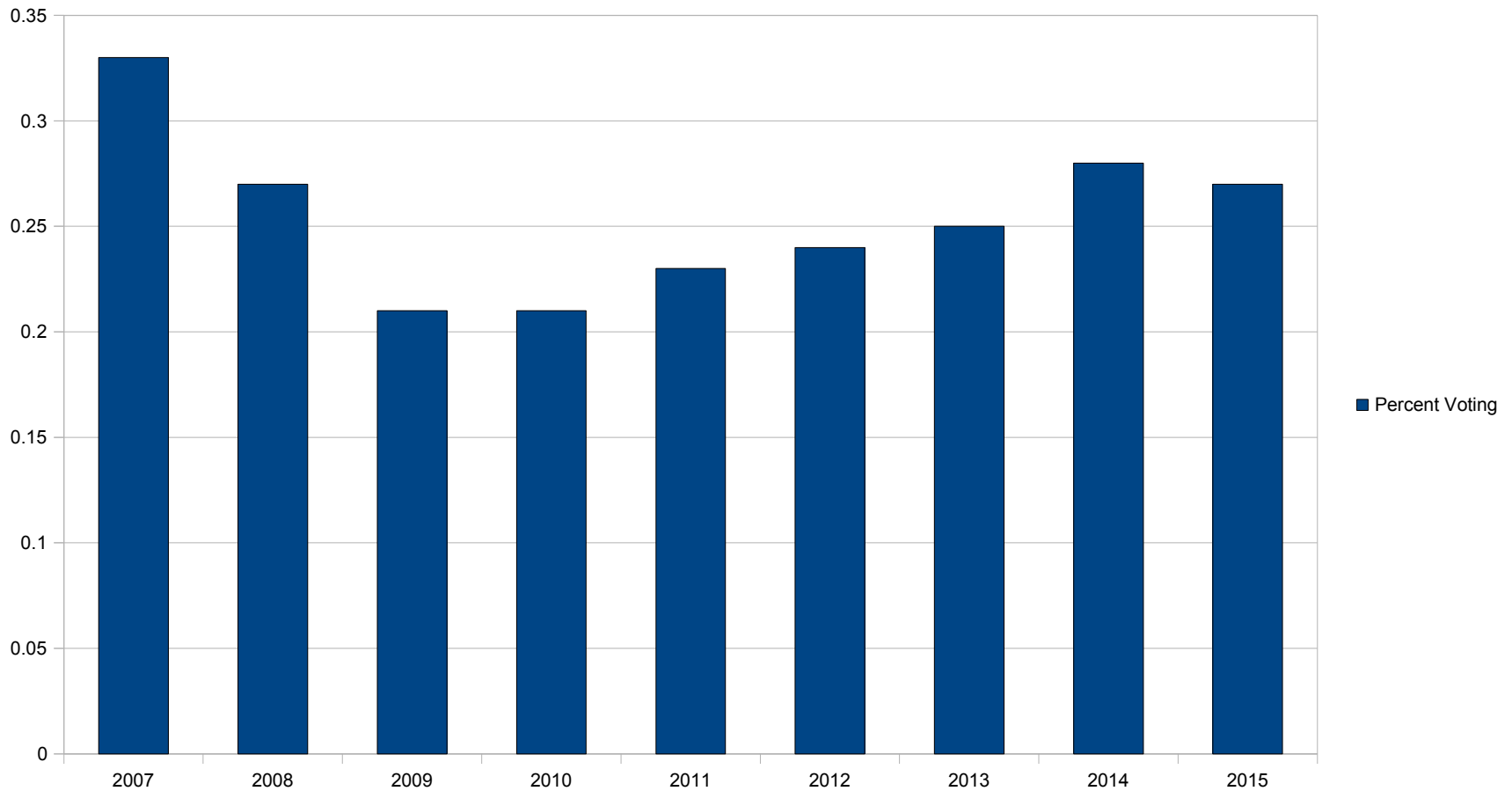
- Voter participation decreased slightly from 28% to 27%.
  - <http://jcp.org/en/whatsnew/elections>
- The EC has 25 Members total.
- Ratified seats serving a two-year term: Credit Suisse, Ericsson, Fujitsu, HP, IBM, Intel, Red Hat, SouJava.
- Elected seats serving a one-year term: Eclipse, London Java Community, Twitter.
  - All Elected seats will be up for election in 2016 (due to JCP version 2.10 planned launch in 2016).



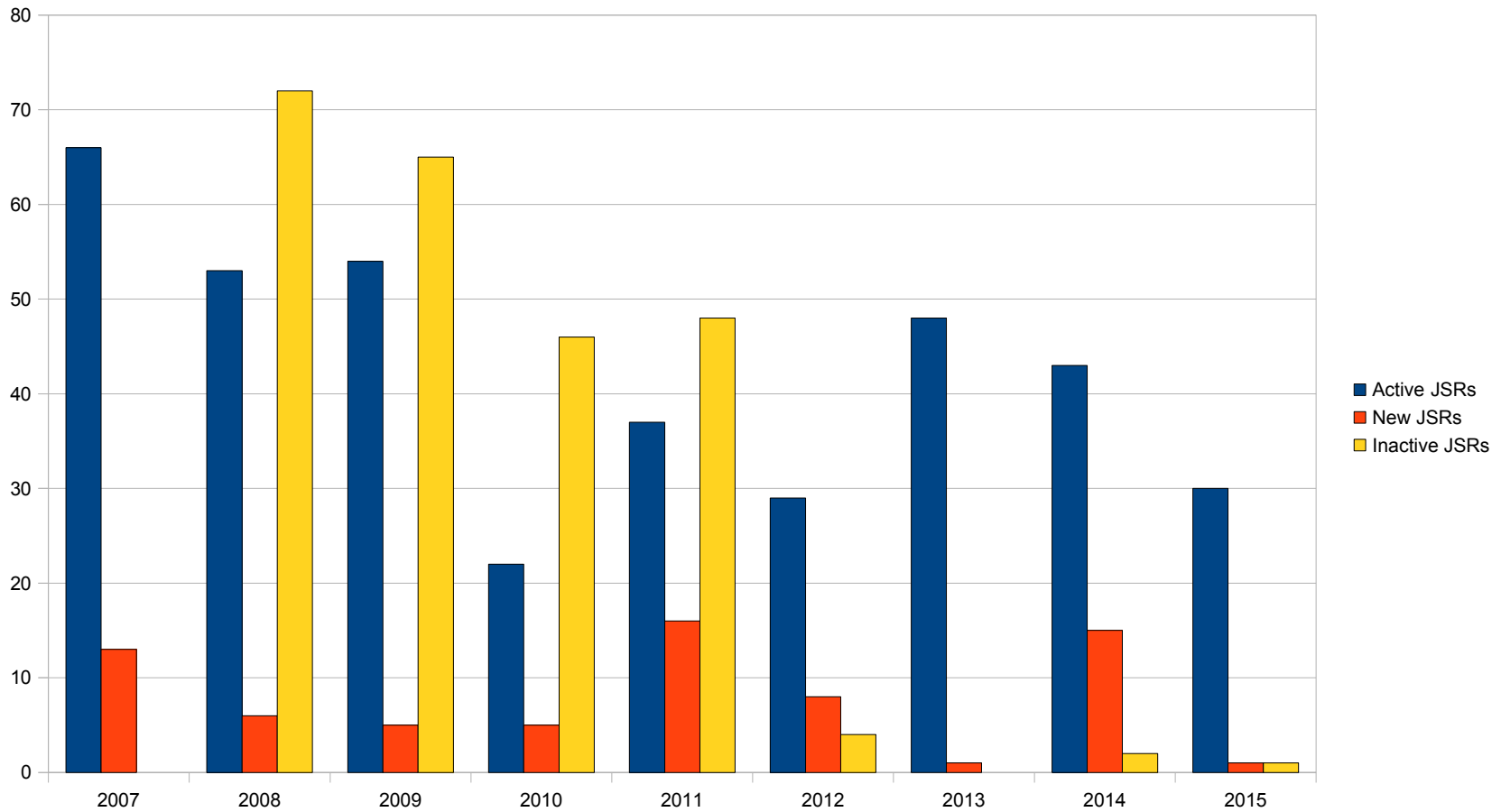
# EC Elections Participation % (2007-2015)



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# JSR Activity Summary (2007-2015)



- 30 Active JSRs (43 in 2014)\*.
  - 1 new JSR started (15 in 2014).
  - 2 JSRs completed (8 in 2014).
  - Almost all migrated to JCP 2.8/2.9, JSR 282 have not migrated, excludes maintenance.
  - 27 Active JSRs in other stages.
    - 6 in EG Formation.
    - 11 in Early Draft stage.
    - 1 in Public Review stage.
    - 1 in Proposed Final Draft.
    - 8 in Maintenance.

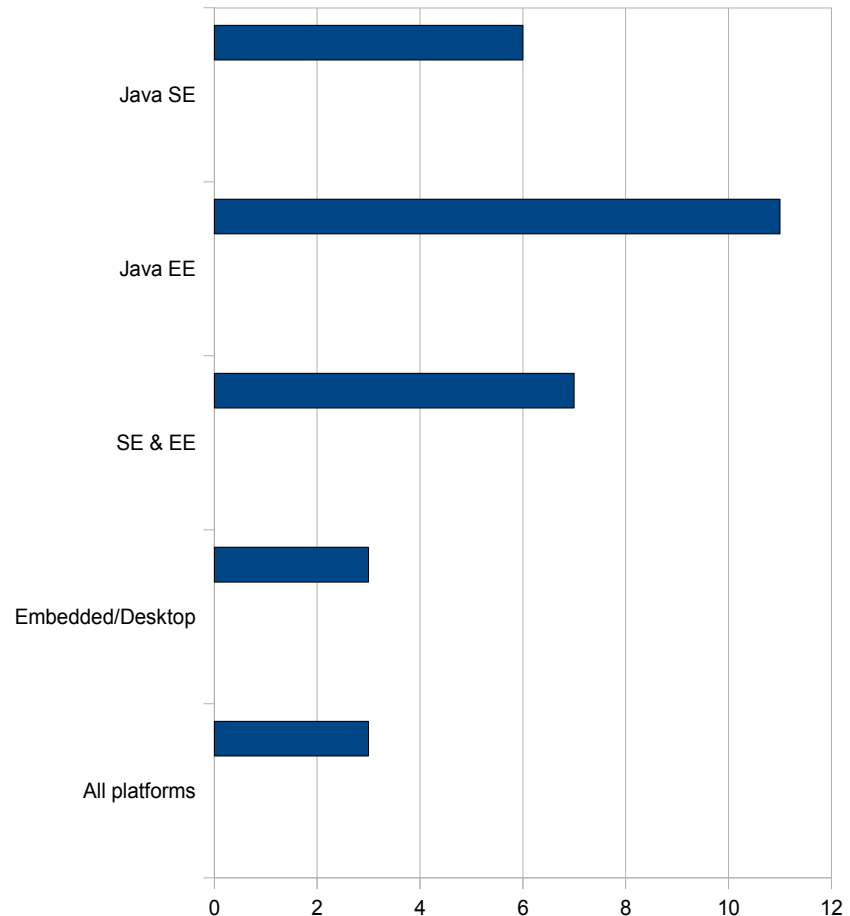
\*Active JSRs include JSRs that started, completed, issued a maintenance release, published a draft, or went to ballot in the last 12 months.

# Target Platforms of all Active JSRs



- Target platforms:

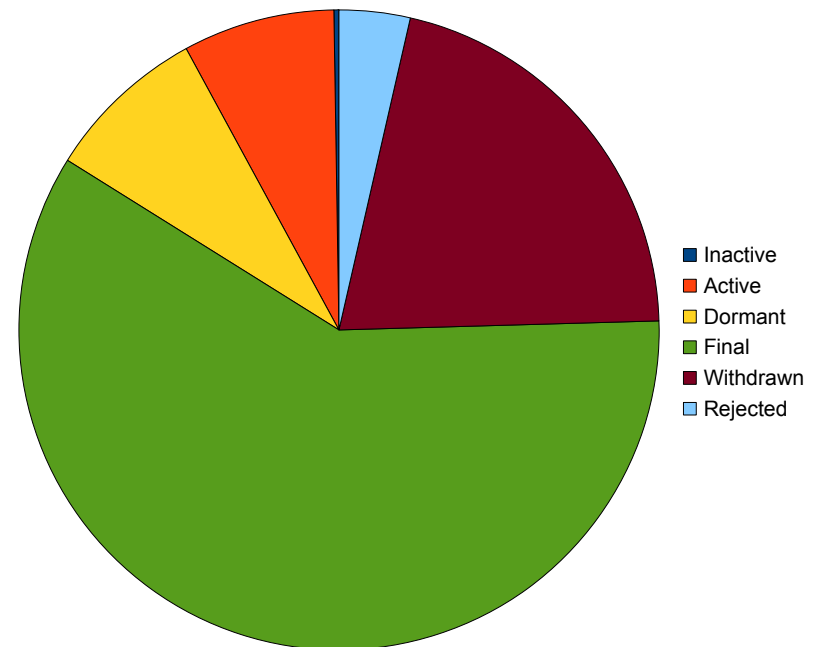
- Java SE: 6 JSRs.
- Java EE: 11 JSRs.
- Java SE & EE: 7 JSRs.
- Embedded/Desktop: 3 JSRs.
- All platforms: 3 JSRs.



# Summary of JSR Stages

- Total JSRs: 405 (378 JSRs, 27 900 JSRs):

- Active JSRs: 30
- Inactive JSRs: 1
- Dormant JSRs: 32
- Final JSRs: 232
- Withdrawn JSRs: 82
- Rejected JSRs: 14



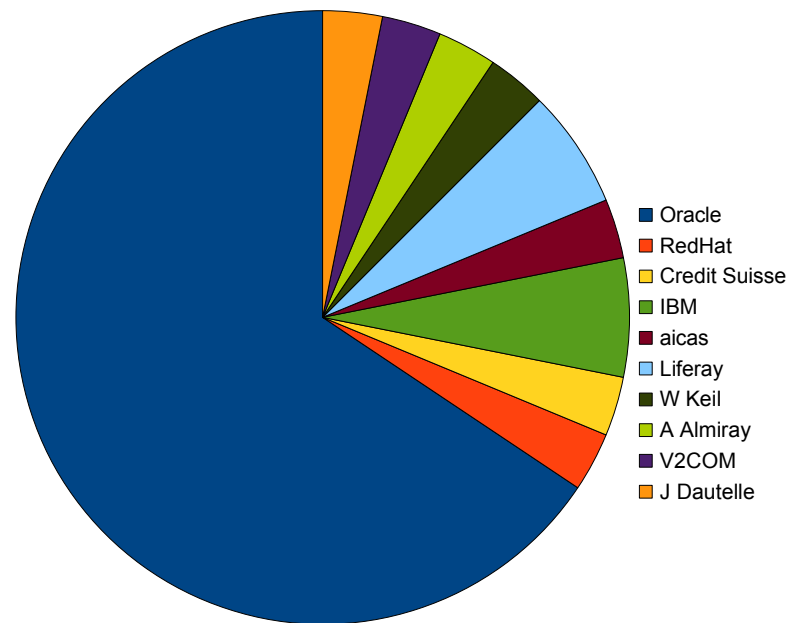
# Spec Leadership – Active JSRs



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Entity	Total JSRs
Oracle	21
RedHat	1
IBM	2
Liferay	2
Credit Suisse	1
A Almiray	1
aicas	1
W Keil	1
J Dautelle	1
V2COM	1

10 Entities; 7 (6 in 2014) Organizations and 3 (7 in 2014) Individuals played a Spec Lead role in 30 Active JSRs.



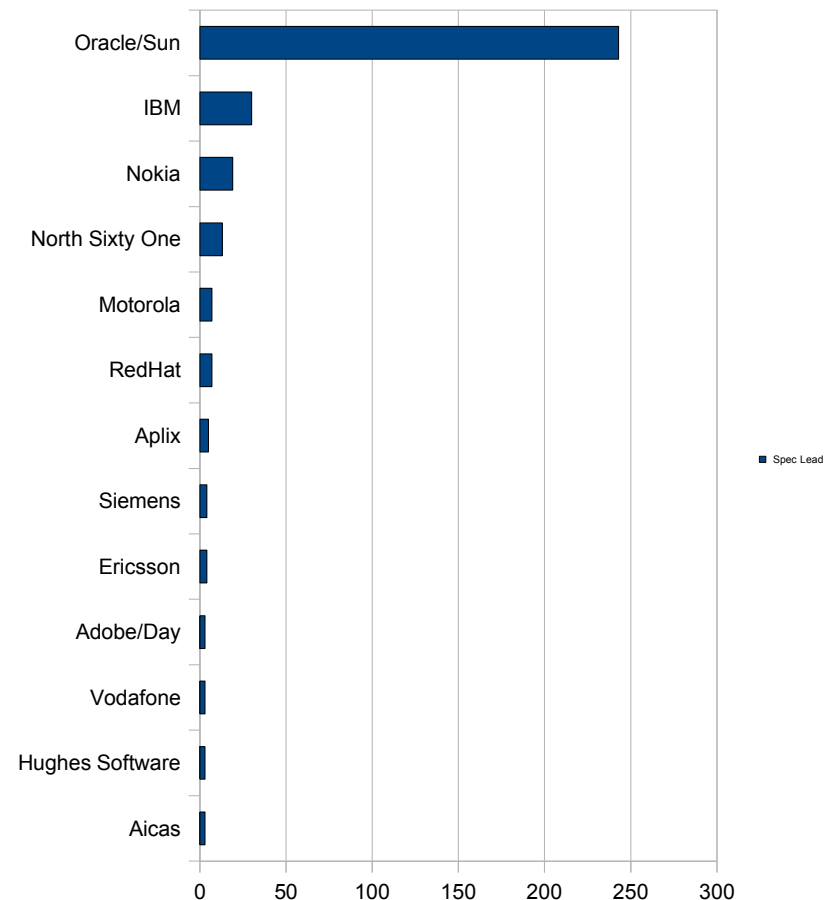
# Spec Leadership of All JSRs



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- 84 different Members have led the 405 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



## Expert Group Participation on Active JSRs



- 30 Active JSRs; 396 (456 in 2014) expert group members served on the associated EGs.
  - Average of about 14 per EG (11 in 2014).
- 80 (72 in 2014) organizations represented.
  - Mostly corporations, 7 non-profits.
  - Organizational EG reps often serve on multiple EGs.
  - Organizations sometimes have 2 reps on a single EG.
- 107 (91 in 2014) individuals represented.
  - Most individuals served on 1 EG (of an Active JSR).
    - Some Individual Experts serving on 2-13 EGs.
- 48% of all EG reps are from EC Members (54% in 2014).



# Organizational and EC representation on EGs



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Oracle	58	Ericsson	4		
Red Hat	34	Azul	4	London Java Community	3
IBM	31	Mohamed Taman	4	ARM	3
Werner Keil	13	Google	4	HPE	1
Liferay	10	V2COM	3	Freescale	1
Credit Suisse	8	Ivar Grimstad	3	Eclipse	3
Kitto Mann	6	Antonio Goncalves	3	SouJava	2
TmaxSoft	6	Intel	3	Gemalto	2
SAP	6	Goldman Sachs	3	Software AG	2
Otavio de Santana	5	Zeef	3	Twitter	2
Fujitsu	5	ICESoft	3	Geir Magnusson	2
TOTVS	4	HP	3		
MicroDoc	4	Adobe	3		
Adam Bien	4	JUG Chennai	3		
TIBCO	4				

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

# Expert Group Membership – All JSRs



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- 405 JSRs; 4156 expert group members served on the associated EGs.
  - 425 distinct JCP Members providing Experts.
  - Average of about 10 Experts per EG (removing 900 series JSRs).
  - 3586 Experts representing 109 Corporations (86%).
  - 465 Individual Experts serving 706 times (11%).
  - 105 Experts representing 23 Institutions or JUGs (3%).

# Members Serving on EGs - All JSRs

Oracle	853	Samsung	37	SAS	26
IBM	202	Borland	36	Aplix	26
RedHat	108	Tmax	34	Orange	25
Motorola	106	Sony	34	Cisco	24
SAP	99	Novell	34	Werner Keil	24
Siemens	76	Adobe	32	Philips	22
HP	64	Symbian	32	Tibco	21
Siemens	53	RIM	31	Sharp	20
Fujitsu	52	Vodafone	27	Intel	20
Ericsson	48	Google	27	Doug Lea	19
Apache	42	Esmertec	27	NEC	19
Pramatti	38	Telecordia	26	Macromedia	19

*Members with  $\geq 19$  reps on All JSRs  
If ever served as EC members, highlight  
in yellow.*

# Inactive JSRs



- Inactive JSR stage introduced in 2009--reduced Inactive JSRs from 72 JSRs to 1 JSR in 2015.
  - JSR 302, Safety Critical Java Technology; The Open Group
- 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



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- **Renewal Ballots in 2015:**

- JSR 350, Java State Management (rejected)
- JSR 351, Java Identity API (Early Draft Review)
- JSR 358, A major revision of the JCP (EG Formation)
- JSR 362, Portlet Specification 3.0 (EG Formation)
- JSR 370, JAX-RS 2.1 (EG Formation)
- JSR 373, Java EE Management API 2.0 (EG Formation)
- JSR 375, Java EE Security API (EG Formation)
- JSR 376, Java Platform Module System (EG Formation)

- **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.*

- Implemented Oracle Single Sign On (SSO) and consolidated JCP EC accounts.
- Working on implementing Adobe EchoSign to enable electronic signatures for JCP Memberships.

# Adopt-a-JSR Program Status



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- Currently migrating from Java.net site to Oracle Community Platform
  - Adopt-a-JSR program: <http://java.net/projects/adoptajsr/pages/Home>
- Java EE 8 JSRs: <http://glassfish.org/adoptajsr>
- Adopt-a-JSR program summit at Devoxx UK in June.
- Many hackergartens at Java conferences throughout the year:
  - Jfokus, JavaLand, DevoxxUK, JavaOne Latin America, Java Mexico Day, JavaOne San Francisco.
- 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 (for Java 8 & Java 9) and Java countdown projects.
- Translated wiki home page into 9 languages: Arabic, Chinese, English, French, German, Hebrew, Japanese, Portuguese, Turkish.

# Adopt-a-JSR Program JUGs



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South America: Campinas JUG (Brazil), ceJUG (Brazil), GOJava (Brazil), SouJava (Brazil), Brasilia, DF JUG (Brazil), GUJ Londrina (Brazil) Peru JUG, Guadalajara JUG, GUJavaSC (Brazil).

North America: Chicago JUG, Silicon Valley JUG, Houston JUG, Toronto JUG (Canada).

Europe: London Java Community (UK), BeJUG (Belgium), Bulgarian JUG, Madrid JUG (Spain), JUG Cologne (Germany), Istanbul JUG (Turkey), Greece, Ukraine JUG.

Asia: Indonesia JUG, JUG JogLoSemar (Indonesia), Hyderabad JUG (India), JUG Chennai (India).

Africa & Middle East: Congo, EGJUG (Egypt), Israel JUG, Morocco JUG, Faso JUG (Africa), Jozi JUG (South Africa), Mbale (Uganda).



- 2015 JCP Award Winners:
  - Adam Bien, Anatole Tresch, JSR 363, Raj Hegde/JUG Chennai
  - Presented at annual JCP Party during JavaOne San Francisco
  - [https://jcp.org/en/press/news/awards/2015award\\_nominees](https://jcp.org/en/press/news/awards/2015award_nominees)
- 2015 Star Spec Lead – Nominations open soon.

- *Adopt-a-JSR for Java EE 8 – Meetings with Spec Lead from JSR 374.*
- *Adopt-a-JSR for JUG Africa.*
- *Adopt-a-JSR for new JUGs – Ukraine, Columbia, Istanbul, Bucharest...*
- *Share success with Adopt Programs.*
- *Meet the EC Candidates.*
- *Public EC Meetings (2).*
  - *<http://jcp.org/en/resources/multimedia>*



## Appendix: 2015 Active JSRs

# New JSRs



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JSR 378, Portlet 3.0 Bridge for JavaServer Faces 2.2 Specification (Liferay)

# EG Formation



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JSR 370, JAX-RS 2.1 Specification (Oracle)

JSR 358, A Major Revision to the Java Community Process (Oracle)

JSR 373, Java EE Management API 2.0 (Oracle)

JSR 375, Java EE Security API (Oracle)

JSR 376, Java Platform Module System (Oracle)

JSR 377, Desktop|Embedded Application API (A Almiray)

# Early Draft Review



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- JSR 351, Java Identity API (Oracle)
- JSR 282, RTJS 2.0 (Aicas)
- JSR 362, Portlet Specification 3.0 (IBM)
- 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 371, MVC 1.0 Specification (Oracle)
- JSR 372, Java ServerFaces 2.3 Spec (Oracle)
- JSR 374, Java API for JSON-P 1.1 (Oracle)

# Public Review



Java  
Community  
Process

JSR 363, Units of Measurement API (V2COM, W Keil, J Dautelle)

# Proposed Final Draft



Java  
Community  
Process

JSR 364, Broadening JCP Membership (Oracle)



# Completed JSRs (Final Release 2015)



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JSR 354, Money & Currency API (Credit Suisse), 40 Months \*

JSR 359, SIP Servlet 2.0 (Oracle), 33 Months \*

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

# Maintenance Review



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JSR 56, Java Network Launch Protocol & API (Oracle)

JSR 286, Portlet Specification 2.0 (IBM)

JSR 329, Portlet 2.0 Bridge for JavaServer Faces 1.2 Specification (Liferay), also completed a Transfer Ballot

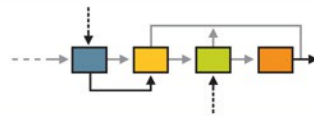
# Maintenance Release



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- [JSR 270, Java SE 6 Release Contents \(Oracle\)](#)
- [JSR 336, Java SE 7 Release Contents \(Oracle\)](#)
- [JSR 337, Java SE 8 Release Contents \(Oracle\)](#)
- [JSR 342, Java EE 7 Platform Specification \(Oracle\)](#)
- [JSR 343, Java Message Service \(JMS\) 2.0 \(Oracle\)](#)

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



Community Development of Java Technology Specifications