



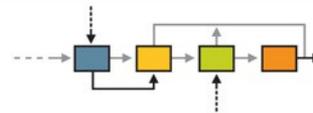
Java Community Process (JCP) Program Activities

2016 Year End Summary

<http://jcp.org>

Prepared for 10 January 2017

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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 increased by 35% to 1213 in 2016, including cancellations (900 Members & -12% growth rate in 2015).
- Membership distribution (all) – increase in Individuals :
 - 79% Individual
 - 13% Corporate
 - 8% Non-Profit
- Membership distribution by type:
 - 24% Associate Members
 - 2% Partner Members
 - 6% Non-Profit Members
 - 13% Corporate Members
 - 55% Individual Full Members

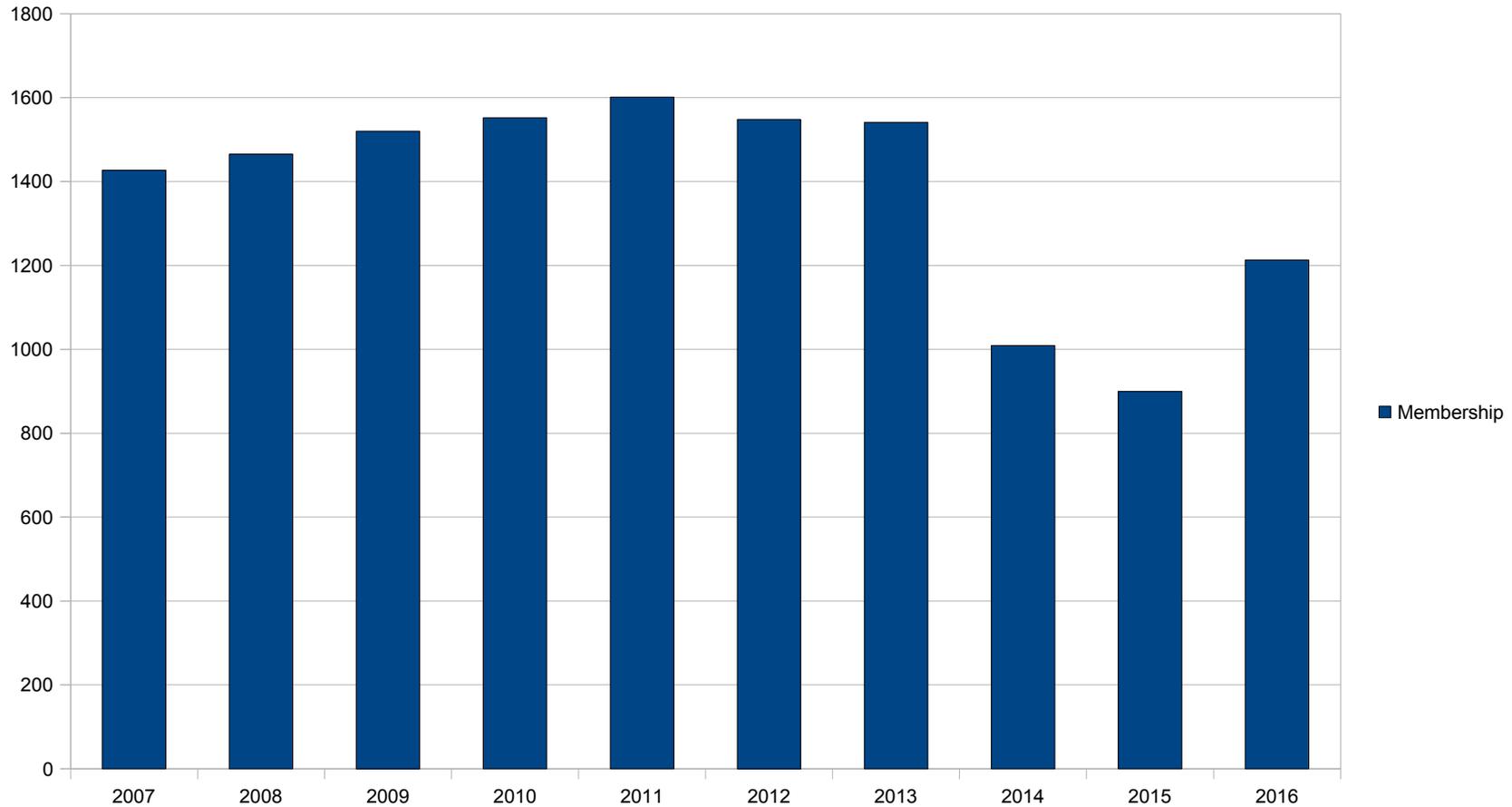
- Membership distribution by location:
 - 46% North America.
 - 35% Europe, Middle East, Africa.
 - 13% Asia, Oceania.
 - 6% South America.
- Increase in North America, decrease in EMEA.

- JCP Membership Renewal Effort began April 2011 – Corporations, Individuals focus.
- We will start migrating Individual & JUG Memberships in Q1 2016 to Associate & Partner Memberships (as applicable).
- In May 2016 we began a JCP Membership Drive around the launch of JSR 364, JCP v 2.10, with a focus on JSR participation, elections & growing careers.
 - Hundreds of new members have joined as a result (numbers on slide 3).
 - We will continue Membership Drive in 2017.

JCP Membership (2007-2016)



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Participation



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- 15,581 total Registered users (includes Members and Non Members); 14, 661 in 2015, ~6% increase from 2014.
- 2,941 are Members, 19%
 - 1736 associated w/Corporate Members (60%).
 - 883 are Individual Members (29%).
 - 322 are associated w/Non-Profit Members (11%).
- 12,640 users are Non-Members, 81%

Members Serving on EGs - All JSRs

Oracle	827	Samsung	37	SAS	24
IBM	190	Borland	34	Aplix	26
RedHat	104	Tmax	32	Orange	25
Motorola	105	Sony	64	Cisco	24
Nokia	135	Novell	32	Werner Keil	22
SAP	94	Adobe	31	Philips	22
Siemens	77	Symbian	32	Progress	25
HP	63	RIM	31	Sharp	20
Fujitsu	52	Vodafone	27	Intel	20
Ericsson	47	Google	27	Doug Lea	19
Apache	40	Esmertec	27	NEC	19
Pramati	36	Telecordia	26		

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

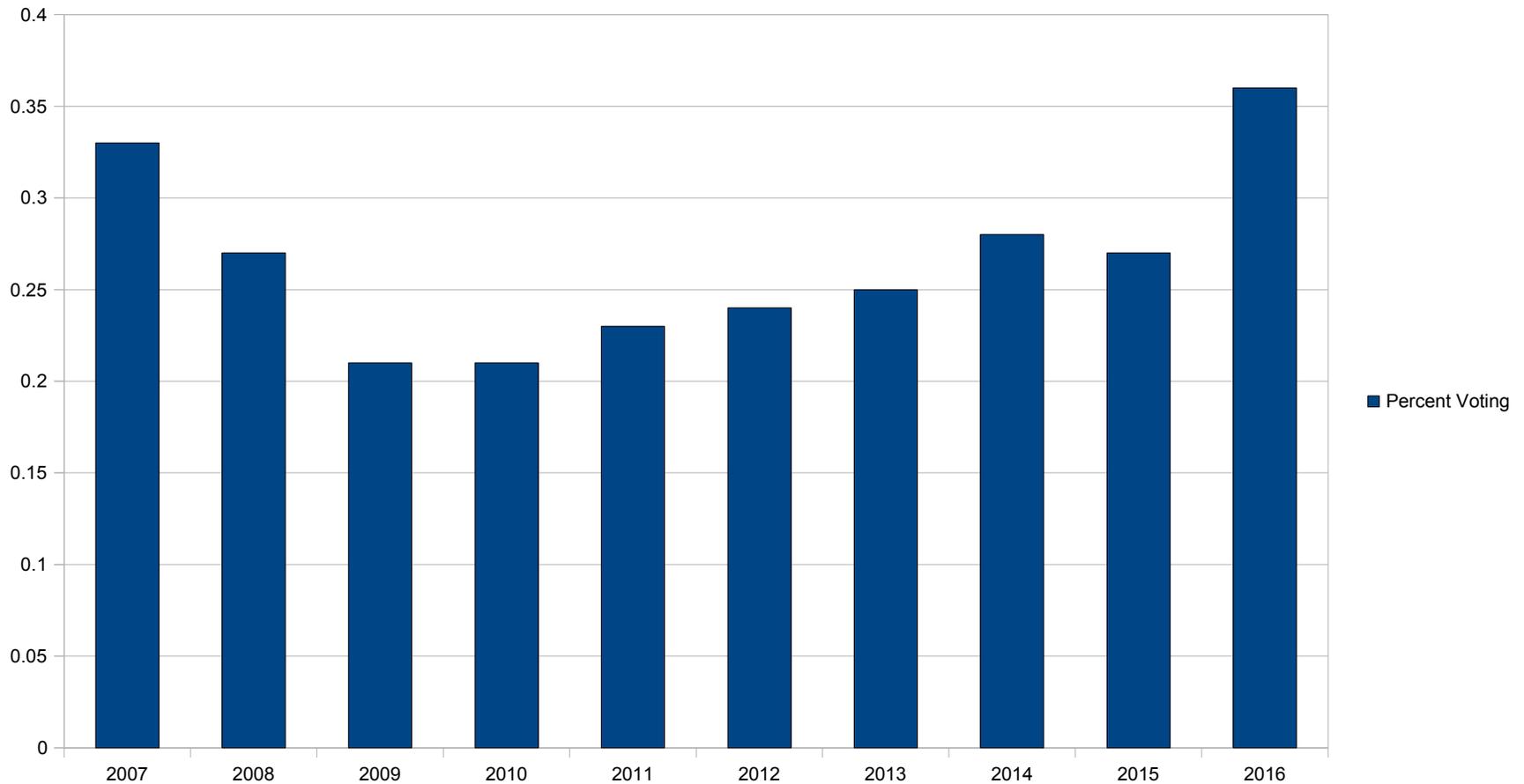
- Voter participation increased from 27% to 36%.

<http://jcp.org/en/whatsnew/elections>

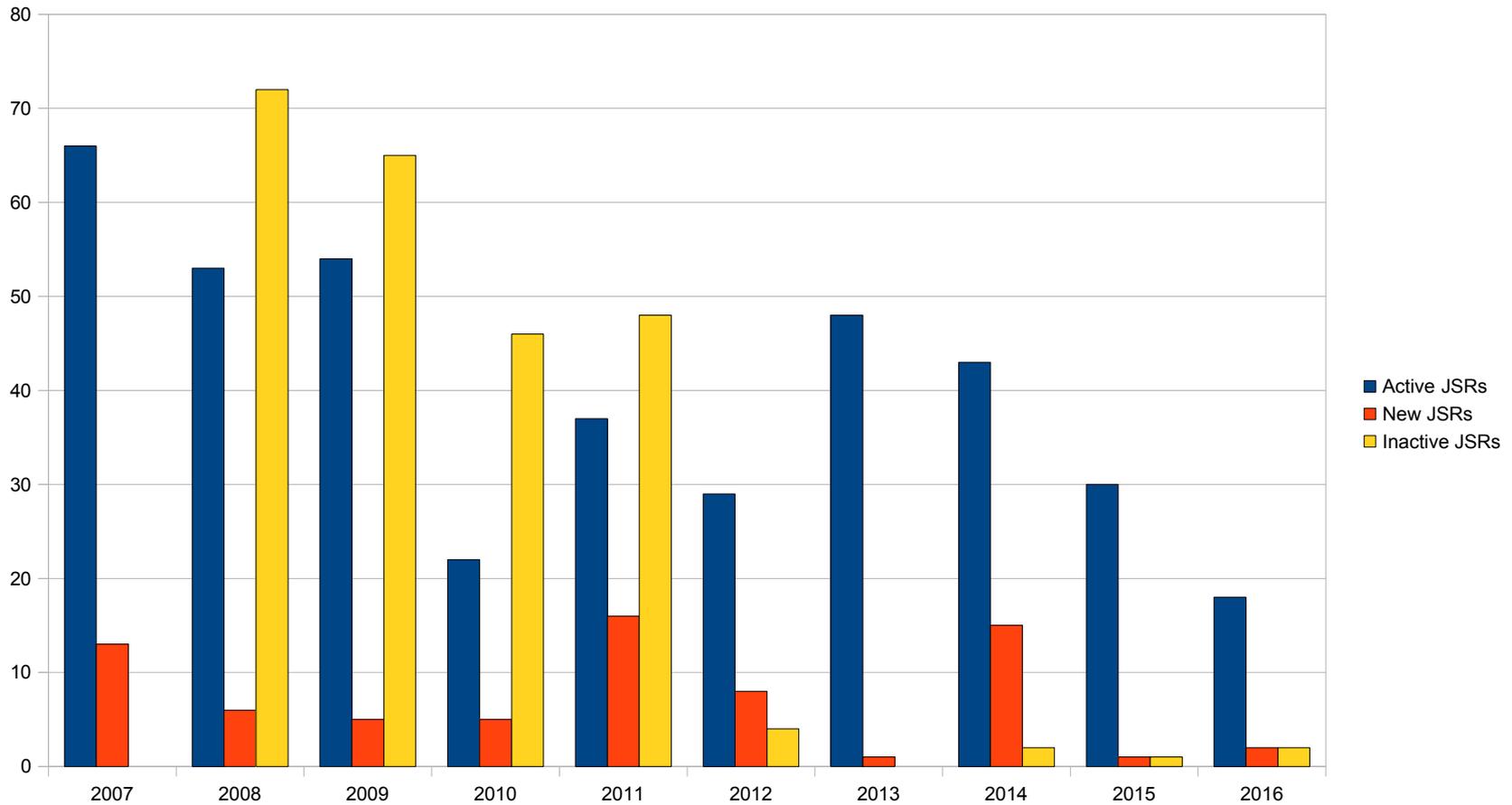
<https://jcp.org/files/2016JCPECParticipationStats.pdf>

- The EC has 25 Members total, 23 are currently filled.
- Ratified seats (two-year term): Gemalto, Goldman Sachs, MicroDoc, NXP, SAP, Software AG, V2COM.
- Elected seats : Eclipse, London Java Community, Azul (two-year term); Twitter, Tomitribe, Hazelcast (one-year term).
- Associate seats : Ivar Grimstad (two-year term) ; Werner Keil (one-year term).
 - Special Election will be held in 2017 to fill two Ratified seats left open by Ericsson & TOTVS.

EC Elections Participation % (2007-2016)



JSR Activity Summary (2007-2016)



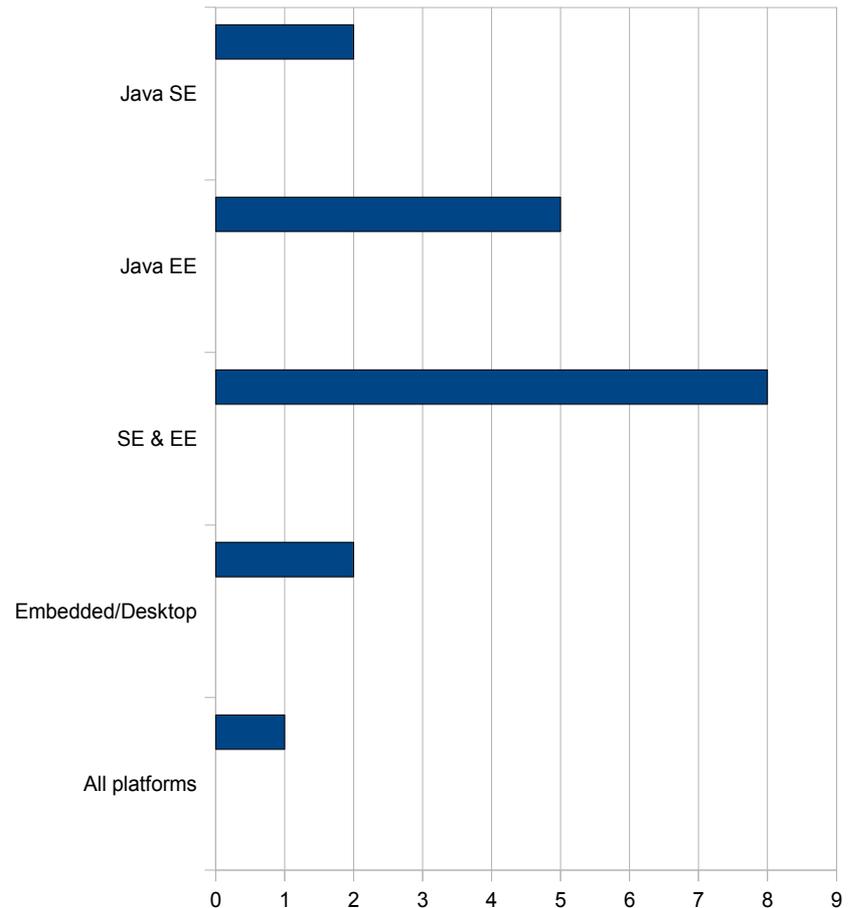
- 18 Active JSRs (30 in 2015)*.
- 2 new JSRs started (1 in 2015).
- 2 JSRs completed (2 in 2015).
- Almost all migrated to latest version of JCP; JSR 282, 302 are inactive & have not migrated, excludes maintenance JSRs.
- 18 Active JSRs by stages.
 - 7 in EG Formation.
 - 6 in Early Draft stage.
 - 2 in Public Review stage.
 - 1 in Final Release.
 - 2 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



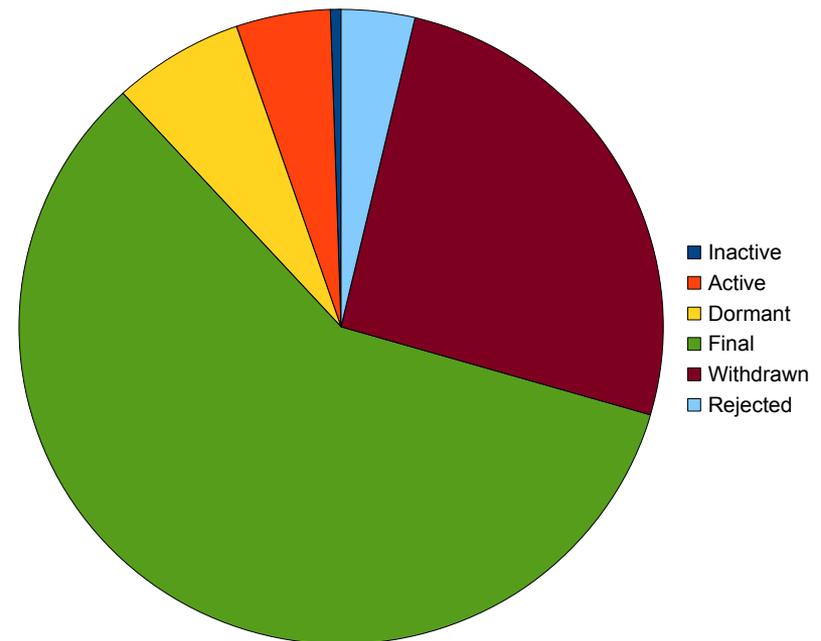
- Target platforms:
 - Java SE: 2 JSRs.
 - Java EE: 5 JSRs.
 - Java SE & EE: 8 JSRs.
 - Embedded/Desktop: 2 JSRs.
 - All platforms: 1 JSR.



Summary of JSR Stages

- Total JSRs: 407 (380 JSRs, 27 900 JSRs):

- Active JSRs: 18
- Inactive JSRs: 2
- Dormant JSRs: 25
- Final JSRs: 223
- Withdrawn JSRs: 98
- Rejected JSRs: 14



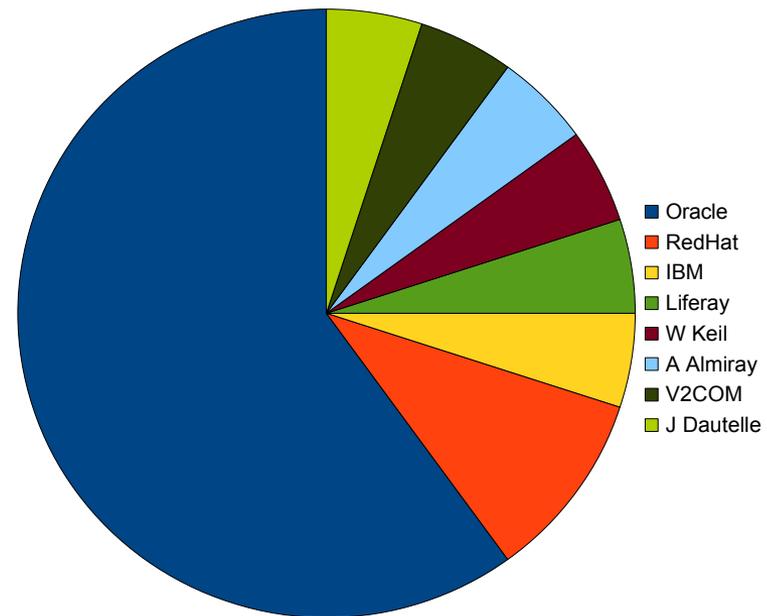
Spec Leadership – Active JSRs



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Entity	Total JSRs
Oracle	12
Red Hat	2
IBM	1
Liferay	1
A Almiray	1
W Keil	1
J Dautelle	1
V2COM	1

8 Entities; 5 (7 in 2015) Organizations and 3 (3 in 2015) Individuals played a Spec Lead role in 18 Active JSRs.

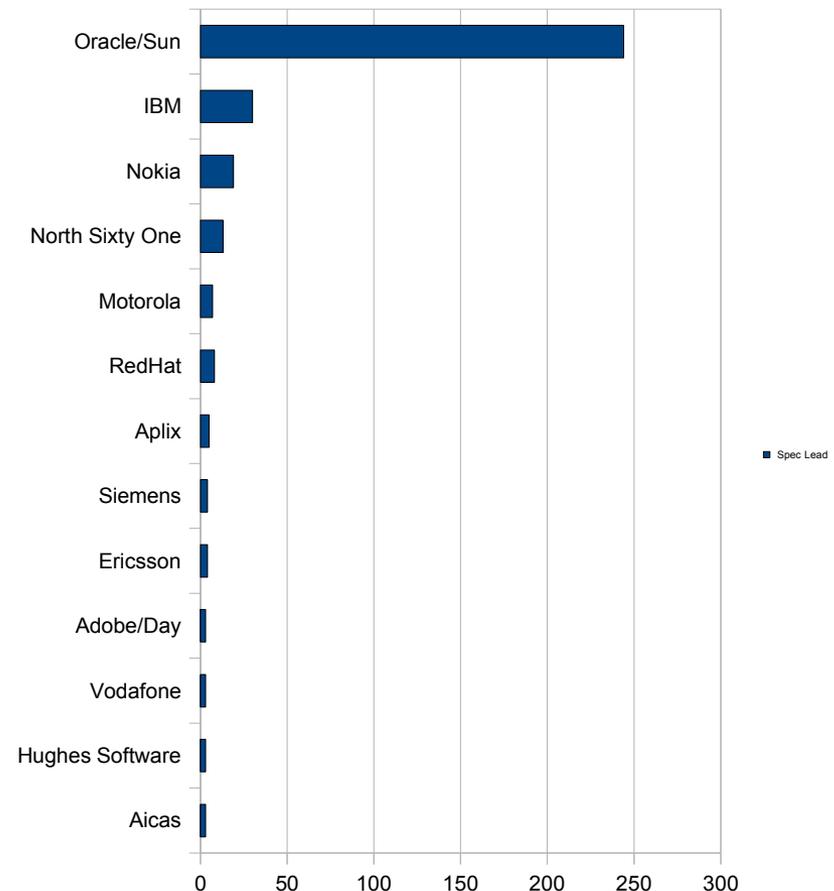


Spec Leadership of All JSRs



- 84 different Members have led the 407 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



- 18 Active JSRs; 244 (396 in 2015) expert group members served on the associated EGs.
 - Average of about 13 per EG (14 in 2015).
- 58 (80 in 2015) organizations represented.
 - Mostly corporations, 6 non-profits.
 - Organizational EG reps often serve on multiple EGs.
 - Organizations sometimes have 2 reps on a single EG.
- 47 (107 in 2015) individuals represented.
 - Most individuals served on 1 EG (of an Active JSR).
 - Some Individual Experts serving on 2-9 EGs.
- 55% of all EG reps are from EC Members (48% in 2015).

Organizational and EC representation on EGs



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Oracle	41	Ericsson	4	TOTVS	2
Red Hat	21	Azul	4	London Java Community	1
IBM	16	MicroDoc	2	SAP	2
Werner Keil	9			HPE	1
Liferay	8	V2COM	2	NXP	1
Credit Suisse	3	Ivar Grimstad	2	Eclipse	2
Kitto Mann	4			SouJava	1
TmaxSoft	5	Intel	2	Gemalto	1
Tomitribe	5	Goldman Sachs	2	Software AG	1
Otavio de Santana	5	Zeef	3	Twitter	1
Fujitsu	3	ICEsoft	3	Hazelcast	1

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

Expert Group Membership – All JSRs



- 407 JSRs; 4279 expert group members served on the associated EGs.
 - 870 distinct JCP Members providing Experts.
 - Average of about 11 Experts per EG (removing 900 series JSRs).
 - 3556 Experts representing 401 Corporations (83%).
 - 448 Individual Experts serving 675 times (14%).
 - 105 Experts representing 21 Institutions or JUGs (3%).

Inactive JSRs



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- Inactive JSR stage introduced in 2009 (at that time we had 72 Inactive JSRs).
- 2 Inactive JSRs in 2016.
 - JSR 282, RTSJ version 1.1; aicas GmbH
 - 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 2016:**

- JSR 370, JAX-RS 2.1 (EG Formation)
- JSR 371, Model-View-Controller (MVC 1.0) Specification (EDR)
- JSR 374, Java API for JSON Processing 1.1(EDR)
- JSR 375, Java EE Security API (EG Formation)
- JSR 376, Java Platform Module System (EG Formation)
- JSR 377, Desktop|Embedded Application API (EG Formation)
- JSR 378, Portlet 3.0 Bridge for JavaServer Faces 2.2 Specification (EG Formation)

- **JCP 2.9 section 3.2.3 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.

JCP.org Updates



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- Implemented JCP 2.10
- Implemented Adobe EchoSign to enable electronic signatures for JCP Memberships.

Adopt-a-JSR Program Status



- Migrated from Java.net site to Oracle Community Platform
- Adopt-a-JSR program:
<https://community.oracle.com/community/java/jcp/adopt-a-jsr>
- It is a space of the JCP Community Page:
<https://community.oracle.com/community/java/jcp>
- Many hackergartens at Java conferences throughout the year:
 - JavaLand, DevoxxUK, JavaOne Latin America, JavaOne San Francisco, Devoxx BE & Devoxx MA.
- 38+ JUGS participating: South America, North America, Europe, Africa & Middle East: <https://community.oracle.com/docs/DOC-922461>
- 24+ JSRs 'adopted': Java SE JSRs, Adoption Group of OpenJDK, Java EE JSRs

Adopt-a-JSR Program JUGs



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South America: CLO JUG (Columbia), 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), Detroit JUG, Philadelphia JUG.

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

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

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

- 2016 JCP Award Winners:
 - Werner Keil, Dmitry Kornilov, JSR 364, Chicago JUG
 - Presented at annual JCP Party during JavaOne San Francisco
 - https://jcp.org/en/press/news/awards/2016award_nominees
- 2016 Star Spec Lead – Nominations open soon.

- *Adopt-a-JSR for Java EE 8 – Meetings with Spec Leads from JSR 369, 372, 378.*
- *Adopt-a-JSR for JUG Africa @Burkina Faso.*
- *Java 9 Adoption Hack Day with VJUG session.*
- *Meet the EC Candidates.*
- *Public EC Meetings (2).*
 - *<http://jcp.org/en/resources/multimedia>*



Appendix: 2016 Active JSRs

New JSRs



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JSR 379, Java SE 9 Release Contents (Oracle)

JSR 380, Bean Validation 2.0 (Red Hat)

EG Formation



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JSR 370, JAX-RS 2.1 Specification (Oracle)

JSR 375, Java EE Security API (Oracle)

JSR 376, Java Platform Module System (Oracle)

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

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

Early Draft Review



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JSR 365, CDI 2.0 (Red Hat)

JSR 366, Java EE 8 Platform Specification (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



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JSR 362, Portlet Specification 3.0 (IBM)

JSR 367, Java API for JSON Binding (JSON-B) (Oracle)

Completed JSRs (Final Release 2016)



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JSR 363, Units of Measurement API (V2COM, W Keil, J Dautelle), 30 Months *

JSR 364, Broadening JCP Membership (Oracle), 29 Months *

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

Maintenance Review



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JSR 173, Streaming API for XML (Withdrawn)

JSR 223, Scripting for the Java™ Platform (Withdrawn)

Maintenance Release

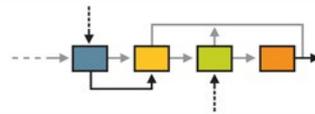


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JSR 250, Common Annotations for the Java Platform (Oracle)

JSR 364, Broadening JCP Membership (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