

JCP Program Activities 2020 Year End Summary

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Agenda

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

Membership

- JCP Membership increased by ~3% to 1170 in 2020, including cancellations (1131 Members in 2019).
- Membership distribution:
 - 74% Individuals
 - 15% Corporate
 - 11% Non-Profit

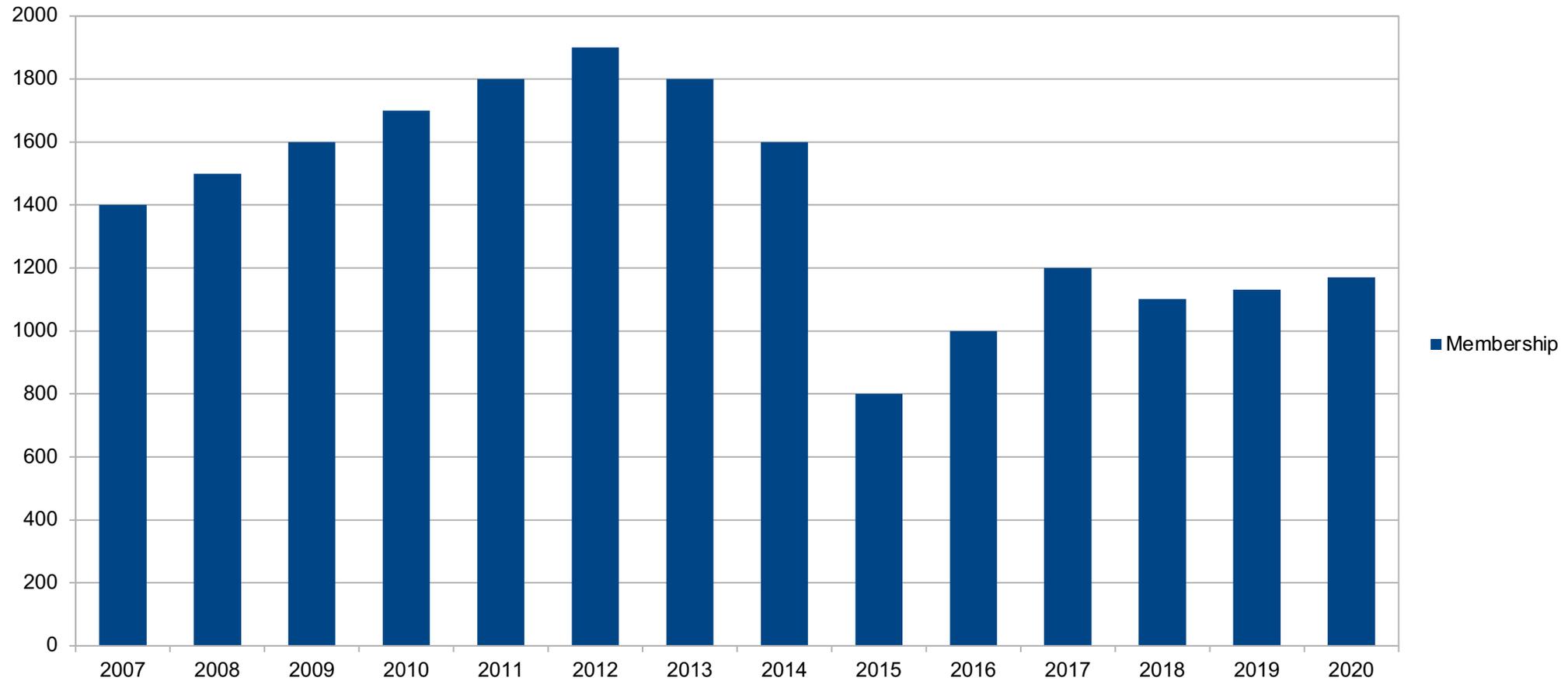
Membership by Location

- Membership distribution by type:
- Distribution remained consistent.
 - 52% Associate Members (51% last year)
 - 9% Partner/JUG Members (8% last year)
 - 2% Non-Profit Members (3% last year)
 - 15% Corporate Members (same as last year)
 - 22% Individual Full Members (23% last year)

Membership by Location

- Membership distribution by location:
 - 30% North America.
 - 42% Europe, Middle East, Africa.
 - 14% Asia, Oceania.
 - 14% South America.
- Increase in EMEA region; decrease in North America.

JCP Membership (2007-2020)



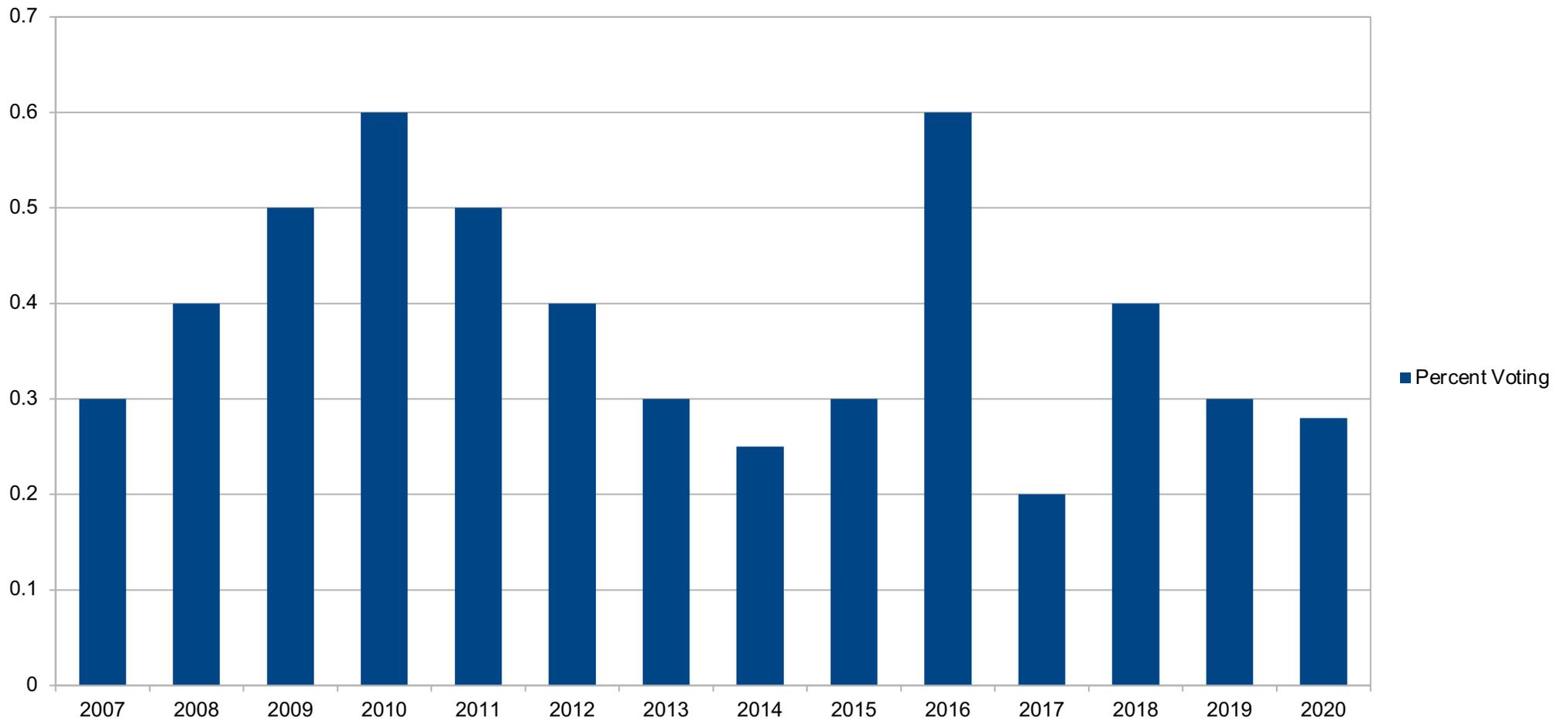
Participation

- 17,271 total Registered users (includes Members and Non-Members); 16,896 in 2019, ~2% increase from 2019.
- 2,898 are Members, 17%
- 14,373 users are Non-Members, 83%

EC Elections

- Fall Annual Election: Voter participation - 28% overall; 28.7% for Full and Partner Members, and 28% for Associate Members.
<https://jcp.org/aboutJava/communityprocess/elections/2020.html>
- The EC now has 18 Members total.
 - Ratified Seats: Alibaba, BellSoft, BNY Mellon, JetBrains, MicroDoc, SAP
 - Elected: Eclipse Foundation, London Java Community
 - Associate: Ken Fogel

EC Elections Participation % (2007-2020)

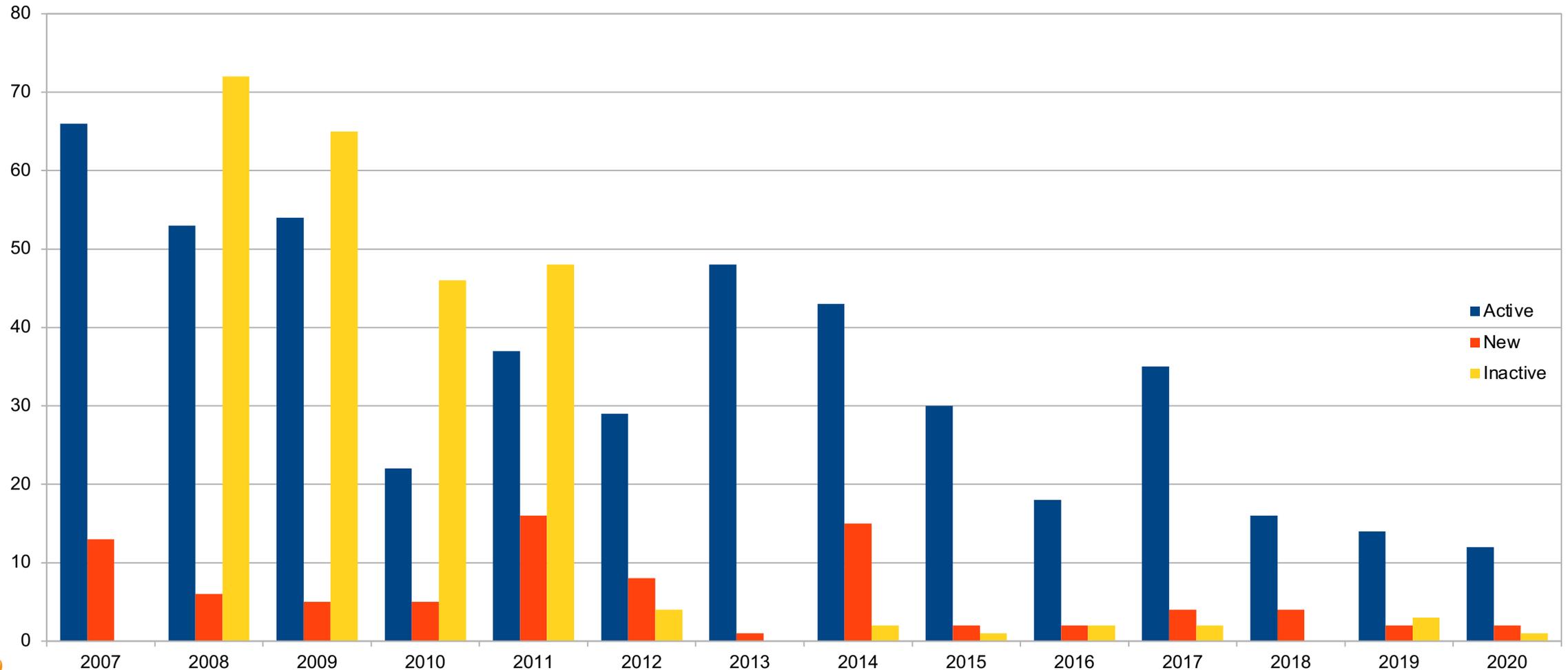


Active JSRs

- 12 Active JSRs (14 in 2019)*.
 - 2 new JSRs started (2 in 2019).
 - 3 JSRs completed (3 in 2019).
- Active JSRs by stages.
- 2 in EG Formation.
- 3 in Public Review stage.
- 3 in Final Release.
- 4 in Maintenance.

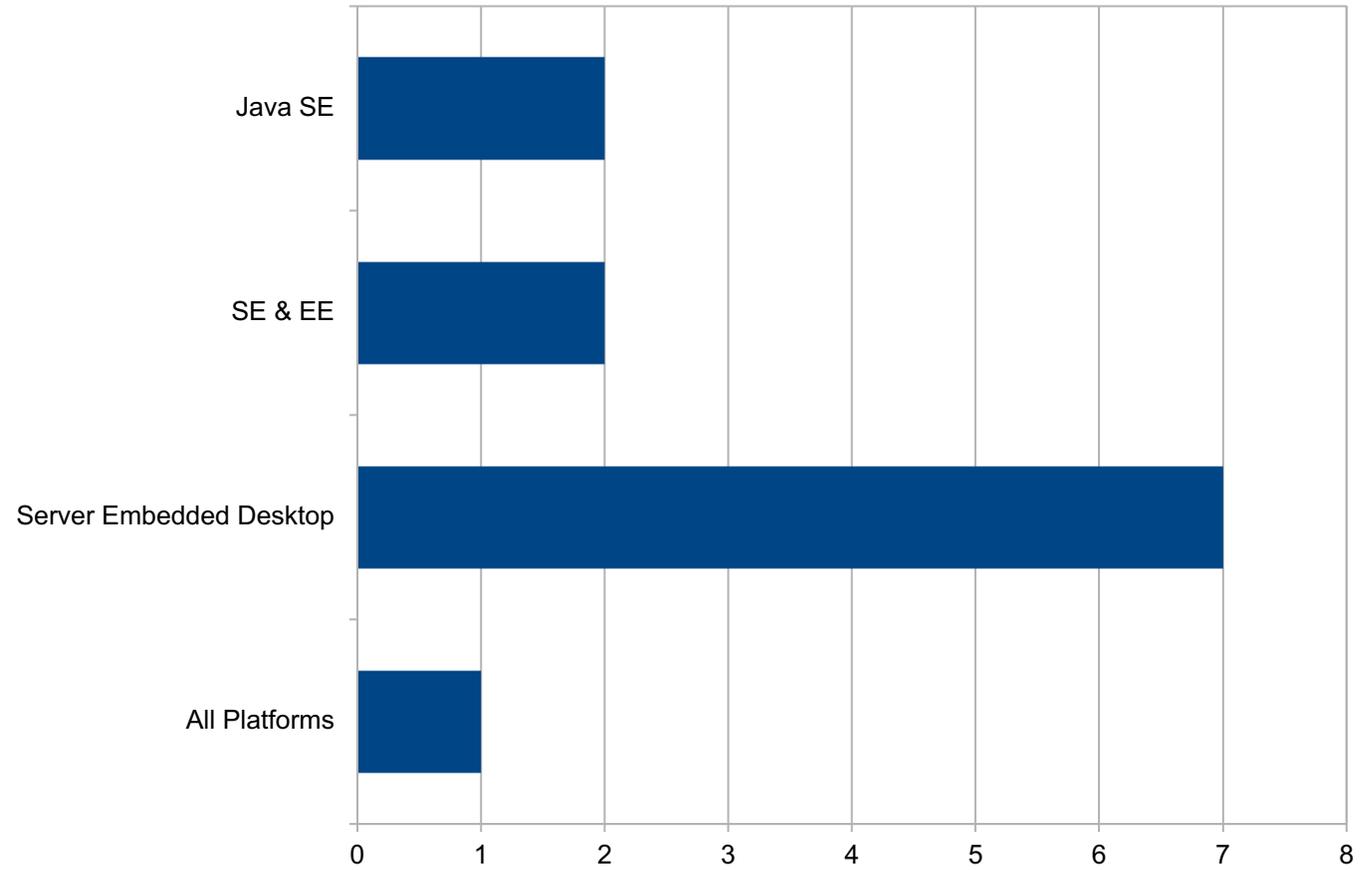
*Active JSRs include JSRs that started, completed, issued a maintenance release, published a draft, or went to ballot in the last 12 months.

JSR Activity Summary (2007-2020)



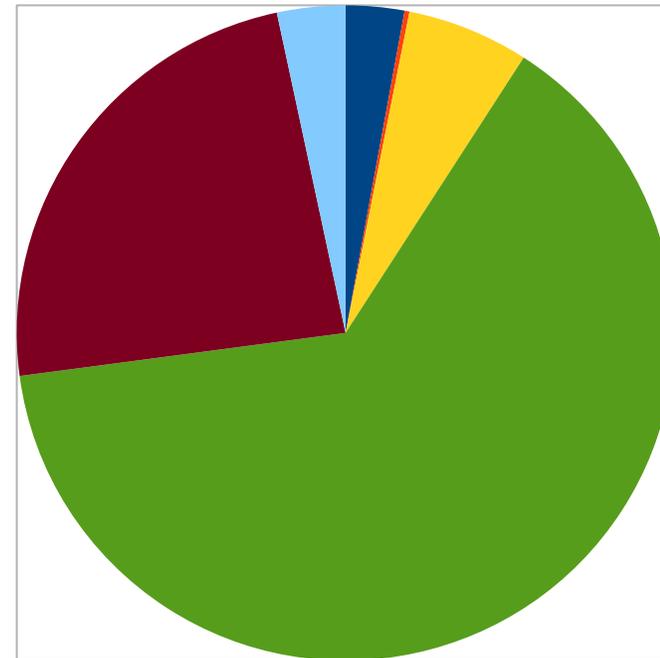
Target Platforms of all Active JSRs

- Target platforms:
 - Java SE: 2 JSRs.
 - Java SE & EE: 2 JSRs.
 - Server/Embedded/Desktop: 7 JSRs.
 - All platforms: 1 JSR.



Summary of JSR Stages

- Total JSRs: 419 (392 JSRs, 27 900 JSRs):
 - Active JSRs: 12
 - Inactive JSRs: 1
 - Dormant JSRs: 26
 - Final JSRs: 266
 - Withdrawn JSRs: 99
 - Rejected JSRs: 14

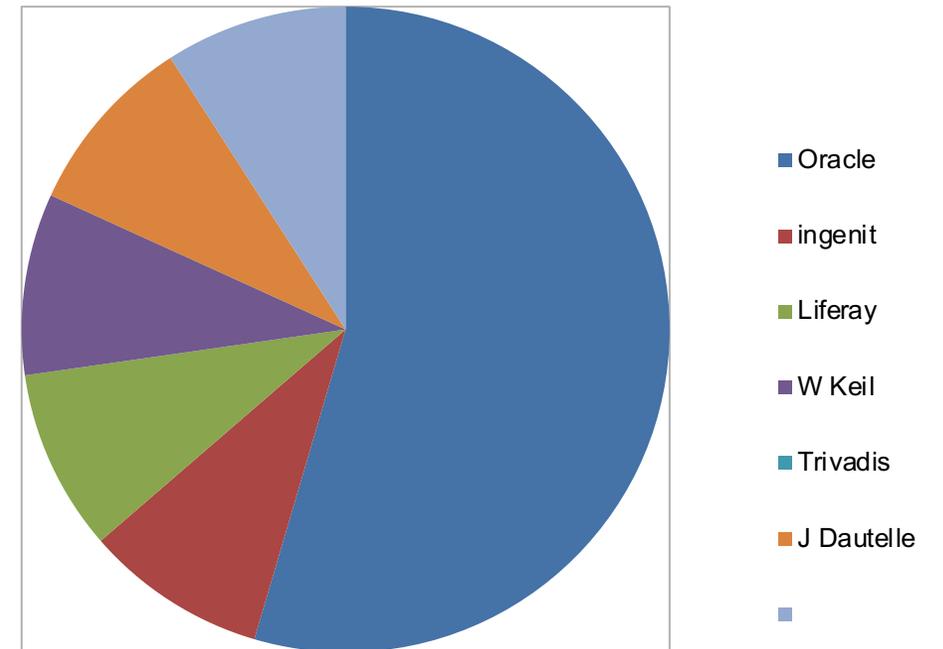


- Active
- Inactive
- Dormant
- Final
- Withdrawn
- Rejected

Spec Leadership – Active JSRs

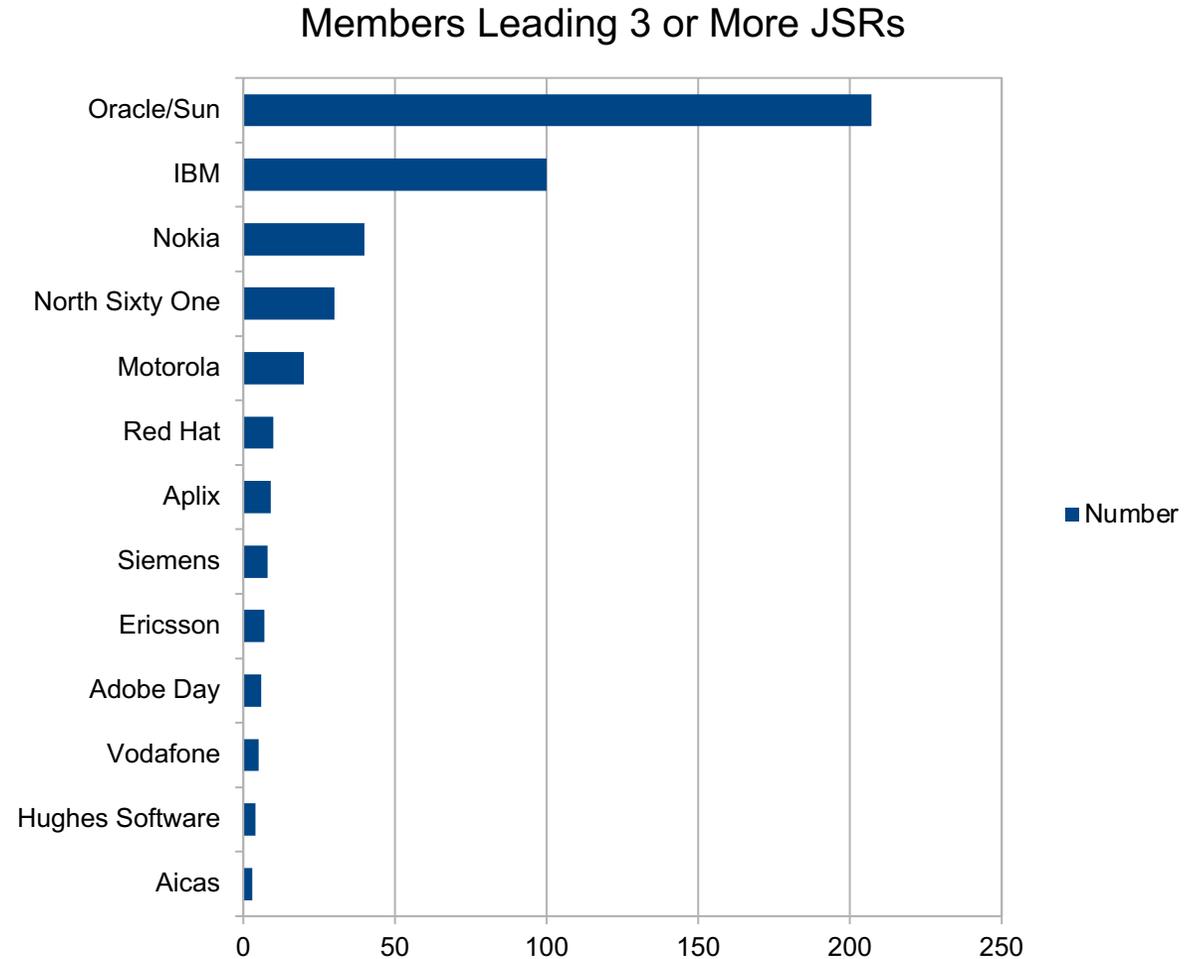
Entity	Total JSRs
Oracle	6
Trivadis, W Keil, O Santana	1
Liferay	1
The Open Group	1
Ingenit	1
I Grimstad	1
F Greco, Z Sevarac	1
W Keil, J Dautelle, O Santana	1

- 11 Entities; 5 Organizations and 6 Individuals played a Spec Lead role in 12 Active JSRs.



Spec Leadership of All JSRs

- 91 different Members have led the 419 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.



Expert Group Participation on Active JSRs

- 12 Active JSRs; 112 (135 in 2019) expert group members served on the associated EGs.
- 31 (37 in 2019) organizations represented.
 - Mostly corporations, 2 non-profits.
 - Organizational EG reps often serve on multiple EGs.
 - Organizations sometimes have 2 reps on a single EG.
- 36 (28 in 2019) individuals represented.
 - Most individuals served on 1 EG (of an Active JSR).
 - Some Individual Experts serving on 2 EGs.

Organizational representation on Active EGs

*Members with ≥ 2 reps on Active JSRs;
EC members in grey.*

Oracle	18	Otavio Santana	2
Red Hat	6	Werner Keil	2
IBM	7	Kito Mann	2
SAP	4		
Eclipse	4		
Liferay	4		
Credit Suisse	4		
Azul Systems	4		
Google	2		

Expert Group Membership – All JSRs

- 419 JSRs; 4356 expert group members served on the associated EGs.
 - 889 distinct JCP Members providing Experts.
 - 3553 Experts representing 411 Corporations.
 - 455 Individual Experts serving 694 times.
 - 109 Experts representing 23 Institutions or JUGs.

Members Serving on EGs - All JSRs

Oracle	838	Samsung	37	SAS	24
IBM	198	Borland	34	Aplix	26
RedHat	113	Tmax	32	Orange	25
Motorola	105	Sony	43	Cisco	24
Nokia	133	Novell	32	Werner Keil	23
SAP	102	Adobe	50	Philips	22
Siemens	76	Symbian	32	Progress	25
HP	63	RIM	31	Sharp	20
Fujitsu	53	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 JSRs
EC members (in yellow).

Renewal Ballots – JSRs 2.8 or above

- Renewal Ballots in 2020:
 - JSR 302, Critical Safety Java Technology
 - JSR 381, Visual Recognition Specification
- Currently working on completion of RI & TCK: JSR 282, RTSJ version 1.1

Renewal Ballots – JSRs 2.8 or above

- JCP 2.11 section 3.2.3 JSR Deadlines:

If a JSR does not begin Public Review within 18 months of first submission, or does not reach Final Release within 6 months of commencing Public Review, then the EC shall initiate a JSR Renewal Ballot. 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.

Award Winners

- 2020 JCP Award Winners:
 - Bill Shannon (post humorous), Java SE 14
 - Presented at virtual annual JCP Party during Code One San Francisco
 - https://jcp.org/en/press/news/awards/2020award_nominees

JCP Online Meetings

- Meet the EC Candidates.
- Public EC Meetings (2).
 - <http://jcp.org/en/resources/multimedia>

Java in Education Initiative

- In 2020 the Java in Education initiative was announced at the June public EC Meeting.
 - EC Members promote their need for Java developers
 - JUG Leaders work with local educational community to bridge the gap between academia & industry
 - Materials, wiki and discussion available:
 - <https://jcp.org/java-in-education>
 - <https://github.com/jcp-org/Java-in-Education/wiki/Java-in-Education---Wiki-Page>
 - <https://groups.io/g/EducationInJava>

Appendix: 2020 Active JSRs

New JSRs

- JSR 391, Java SE 16
- JSR 392, Java SE 17

Public Review

- JSR 302, Critical Safety Java Technology
- JSR 381, Visual Recognition Specification
- JSR 378, Portlet 3.0 Bridge for JavaServer Faces 2.2
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Completed JSRs (Final Release 2020)

- JSR 371, Model-View-Controller (MVC 1.0) Specification
- JSR 389, Java SE 14
- JSR 390, Java SE 15

Maintenance Review

- JSR 354, Money & Currency API
- JSR 385, Units of Measurement API 2.0
- JSR 269, Pluggable Annotation Processing
- JSR 337, Java SE 8

JSRs moved to Dormant

- JSR 377, Desktop | Embedded Application API (no Spec Lead)

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