Java Community Process (JCP) Program Activities

2017 Year End Summary
https://jcp.org

- Heather VanCura @heathervc
Agenda

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

• JCP Membership increased by 1% to 1227 in 2017, including cancellations (1213 Members in 2016).

• Membership distribution (all) – same as 2016 :
  – 79% Individual
  – 13% Corporate
  – 8% Non-Profit
Membership by Location

- Membership distribution by type:
  - Increase in Associate, Decrease in Full Individual Members
    - 34% Associate Members (24% last year)
    - 2% Partner/JUG Members (same as last year)
    - 6% Non-Profit Members (same as last year)
    - 14% Corporate Members (13% last year)
    - 44% Individual Full Members (55% last year)
Membership by Location

- Membership distribution by location:
  - 46% North America.
  - 35% Europe, Middle East, Africa.
  - 13% Asia, Oceania.
  - 6% South America.
- Same distribution as 2016.
Membership Updates

- JCP Membership Renewal Effort began October 2017 – JUGs and Individuals focus.
- We have started migrating Individual & JUG Memberships to Associate & Partner Memberships (as applicable).
Participation

- 16,303 total Registered users (includes Members and Non Members); 15,581 in 2016, ~5% increase from 2016.
- 3,081 are Members, 19%
  - 1744 associated w/Corporate Members (57%).
  - 1085 are Individual Members (35%).
  - 252 are associated w/Non-Profit Members (8%).
- 13,222 users are Non-Members, 81%
Members Serving on EGs - All JSRs

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

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

• Voter participation - 33% overall; 24% for Full and Partner Members, and 50% for Associate Members!

• http://jcp.org/enWhatsnew/elections

• https://jcp.org/files/2017JCPECParticipationStats.pdf

• The EC has 25 Members total.
EC Elections

- Ratified seats (two-year term): ARM, Credit Suisse, Fujitsu, Hewlett Packard Enterprise, IBM, Intel, Red Hat and Sociedade de Usários da Tecnologia Java - SouJava
- Elected seats (two-year term): Twitter, Hazelcast and Tomitribe
- Associate seats (two-year term): Andres Almiray (it was a tie; see the 2017 Executive Committee (EC) Election page for more details on the EC Election tiebreaker process)
Active JSRs

• 35 Active JSRs (18 in 2016)*.
  – 5 new JSRs started (2 in 2016).
  – 12 JSRs completed (2 in 2016).

• Active JSRs by stages.
  • 4 in EG Formation.
  • 4 in Early Draft stage.
  • 1 in Public Review stage.
  • 12 in Final Release.
  • 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.
Summary of JSR Stages

- Total JSRs: 411 (384 JSRs, 27 900 JSRs):
  - Active JSRs: 35
  - Inactive JSRs: 0
  - Dormant JSRs: 25
  - Final JSRs: 245
  - Withdrawn JSRs: 98
  - Rejected JSRs: 14
Spec Leadership – Active JSRs

13 Entities; 8 Organizations and 5 Individuals played a Spec Lead role in 35 Active JSRs.

<table>
<thead>
<tr>
<th>Entity</th>
<th>Total JSRs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oracle</td>
<td>25</td>
</tr>
<tr>
<td>Red Hat</td>
<td>2</td>
</tr>
<tr>
<td>IBM</td>
<td>2</td>
</tr>
<tr>
<td>Liferay</td>
<td>1</td>
</tr>
<tr>
<td>aicas</td>
<td>1</td>
</tr>
<tr>
<td>ingenit</td>
<td>1</td>
</tr>
<tr>
<td>A Almiray</td>
<td>1</td>
</tr>
<tr>
<td>G Luck</td>
<td>1</td>
</tr>
<tr>
<td>F Greco</td>
<td>1</td>
</tr>
<tr>
<td>Z Severac</td>
<td>1</td>
</tr>
<tr>
<td>I Grimstad</td>
<td>1</td>
</tr>
<tr>
<td>Eclipse</td>
<td>2</td>
</tr>
<tr>
<td>Open Group</td>
<td>1</td>
</tr>
</tbody>
</table>
Spec Leadership of All JSRs

- 94 different Members have led the 411 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

- 35 Active JSRs; 465 (244 in 2016) expert group members served on the associated EGs.

- 95 (58 in 2016) organizations represented.
  - Mostly corporations, 6 non-profits.
  - Organizational EG reps often serve on multiple EGs.
  - Organizations sometimes have 2 reps on a single EG.

- 79 (47 in 2016) individuals represented.
  - Most individuals served on 1 EG (of an Active JSR).
    - Some Individual Experts serving on 2-10 EGs.

- 50% of all EG reps are from EC Members (55% in 2016).
## Organizational and EC representation on EGs

<table>
<thead>
<tr>
<th>Company</th>
<th>Representations</th>
<th>Members with &gt;= 3 reps on Active JSRs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oracle</td>
<td>96</td>
<td>Pramati 6 Sonic 3</td>
</tr>
<tr>
<td>IBM</td>
<td>34</td>
<td>Ericsson 4 OW2 3</td>
</tr>
<tr>
<td>Red Hat</td>
<td>29</td>
<td>Eclipse 4 Sebastian Daschner 3</td>
</tr>
<tr>
<td>SAP</td>
<td>19</td>
<td>Adam Bien 4 Antonio Goncalves 3</td>
</tr>
<tr>
<td>Werner Keil</td>
<td>10</td>
<td>Kito Mann 4 Ivar Grimstad 3</td>
</tr>
<tr>
<td>TmaxSoft</td>
<td>10</td>
<td>Otavio Santana 4 Canoo 3</td>
</tr>
<tr>
<td>Liferay</td>
<td>7</td>
<td>Data Direct 3 Credit Suisse 3</td>
</tr>
<tr>
<td>Tomitribe</td>
<td>7</td>
<td>Nokia 3 Goldman Sachs 3</td>
</tr>
<tr>
<td>Azul</td>
<td>6</td>
<td>Novell 3 Google 3</td>
</tr>
<tr>
<td>HPE</td>
<td>6</td>
<td>Progress 3 Intalio 3</td>
</tr>
<tr>
<td>Fujitsu</td>
<td>5</td>
<td>Software AG 3</td>
</tr>
</tbody>
</table>

*Members with >= 3 reps on Active JSRs plus EC members (in yellow).*
Expert Group Membership – All JSRs

- 411 JSRs; 4295 expert group members served on the associated EGs.
  - 877 distinct JCP Members providing Experts.
  - 3496 Experts representing 398 Corporations (81%).
  - 697 Individual Experts serving 697 times (16%).
  - 102 Experts representing 23 Institutions or JUGs (3%).
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, JavaOne San Francisco, Devoxx BE and more.
Adopt-a-JSR Program Status

- 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

- 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.
Adopt-a-JSR Program JUGs

• 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).
Award Winners

• 2017 JCP Award Winners:
  – Otavio Goncalves de Santana, Antoine Sabot-Durand, JSR 375, Java EE Security API, Martijn Verburg, London Java Community
  – Presented at annual JCP Party during JavaOne San Francisco

• Star Spec Lead – Antoine Sabot-Durand of Red Hat
JCP Online Meetings

- Adopt-a-JSR for Java EE 8 – Meetings with Spec Leads from Java EE JSRs.
- Java 9 Adoption Hack Day with VJUG session in London and Atlanta.
- Meet the EC Candidates.
- Public EC Meetings (2).
Appendix: 2017 Active JSRs
Renewal Ballots – JSRs 2.8 or above

- Renewal Ballots in 2017:
  - JSR 371, Model-View-Controller (MVC 1.0) Specification (EDR)
  - JSR 377, Desktop|Embedded Application API (EG Formation)
New JSRs

• JSR 381, Visual Recognition Specification
• JSR 382, Configuration API 1.0
• JSR 383, Java SE 10(18.3)
• JSR 384, Java SE 11 (8.9)
EG Formation

- JSR 377, Desktop|Embedded Application API (A Almiray)
- JSR 381, Visual Recognition Specification
- JSR 382, Configuration API 1.0
- JSR 384, Java SE 11 (8.9)
Early Draft Review

- JSR 378, Portlet 3.0 Bridge for JavaServer Faces 2.2
- JSR 371, Model-View-Controller (MVC 1.0) Specification
- JSR 282, RTSJ version 1.1
- JSR 302, Critical Safety Java Technology
Public Review

- JSR 383, Java SE 10 (18.3)
Completed JSRs (Final Release 2017)

- JSR 362, Portlet Specification 3.0
- JSR 365, Contexts and Dependency Injection for Java 2.0
- JSR 366, Java Platform, Enterprise Edition 8
- JSR 367, Java API for JSON Binding
- JSR 369, Java Servlet 4.0 Specification
- JSR 370, Java API for RESTful Web Services 2.1 Specification
- JSR 372, JavaServer Faces 2.3 Specification
- JSR 374, Java API for JSON Processing 1.1
Completed JSRs (Final Release 2017) Cont.

- JSR 375, Java EE Security API
- JSR 376, Java Platform Module System
- JSR 379, Java SE 9 Release Contents
- JSR 380, Bean Validation 2.0
Maintenance Review

- JSR 364, Broadening JCP Membership
- JSR 907, Java Transaction API
- JSR 107, JCACHE – Java Temporary Caching API
Maintenance Release

- JSR 56, Java Network Launching Protocol and API
- JSR 67, Java APIs for XML Messaging
- JSR 199, Java Compiler API
- JSR 221, JDBC
- JSR 222, Java Architecture for XML Binding
- JSR 224, Java API for XML-Based Web Services
- JSR 269 Pluggable Annotation Processing
Maintenance Release Cont.

- JSR 318, Enterprise JavaBeans 3.1 (Interceptors 1.2)
- JSR 338, Java Persistence 2.2
- JSR 919, JavaMail
- JSR 925, JavaBeans Activation Framework
Thank you, merci, grazie. gracias, danke, obrigado,
bedankt, kiitos, xie xie, ありがとう, tak, tack.