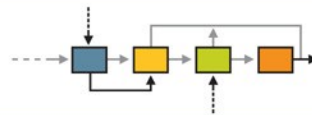# Java Community Process (JCP) Program Activities

2011 Year End Summary

http://jcp.org

Prepared for 11 January 2012

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Community Development of Java Technology Specifications

Agenda

- Membership/Participation
- EC Elections
- Active JSRs
- Spec Leadership
- Expert Group Participation
- Appendix: List of all Active JSRs

- JCP Membership grew by 3% in 2011 to 1601, including 57 cancellations (1% growth rate in 2010)

- Membership distribution by type remained similar:
Slight increase in individuals and non-profits, decrease in corporations

– 80% individual, 17% corporate, 3% non-profit (mostly JUGs see next slide).

- Membership distribution by location:

– 49% North America

– 33% Europe and the Russian Federation

– 13% Asia and the Middle East

– 5% South America

- Slight decrease in North America, slight increase in Europe from 2010

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JUG Members

- BeJUG (Belgium)
- BreizhJUG (Brittany)
- Connecticut JUG (USA)
- Detroit JUG (USA)
- Duchess (Women)
- Houston JUG (USA)
- iJUG e.V. (Germany)
- IndiJava (India)
- Japan JUG
- Java Student User Group (Vienna)
- Java Web User Group (London)
- JUG-AFRICA
- JUG Chennai (India)

- JUG-EG (Egypt)
- JUG-MK (Macedonia)
- JUG-RU (Russia)
- JUG-USA
- London Java Community (UK)
- Malaysia-JUG
- Central Ohio JUG (USA)
- Oklahoma City JUG (USA)
- Rio JUG (Brazil)
- Riviera JUG (France)
- SouJava (Brazil)
- Utah JUG (USA)

Participation

- 10,318 total Registered users (includes Members and Non Members);

- 1,280 users are Individual Members (12%)

- 2,750 users are associated w/Corp. Members (27%)

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

- 6,180 users are Non-Members (60%)

  – 65% increase in Non-Member registered users from 2010.

Note: would like statistics on observer/public particiation from JSR Spec Leads in 2012

EC Elections

- Voter participation increased from 18% to 23%.

- Azul, Twitter elected; Ericsson, Intel, SAP ratified on the SE/EE EC.

- ARM, Werner Keil elected; IBM, Nokia, SK Telecom ratified on the ME EC.

- Special Election held in May 2011 to fill 3 SE/EE EC seats; 2 ratified (Goldman Sachs, SouJava), 1 elected (London Java Community) and 1 elected ME seat (Alex Terrazas) with 11% participation.

Active JSRs

- 48 Active JSRs (46 in 2010)*.
  - 20 new JSRs started (6 in 2010); 7 went on to later stages.
  - 9 JSRs completed.
  - 17 JSRs issued Maintenance Releases.
  - 11 active JSRs in other stages.
- 12 in Expert Group Formation
- 7 in Early Draft stage.
- 1 in Proposed Final Draft stage.
- 2 in Maintenance Review.

*Active JSRs include JSRs that started, completed, issued a maintenance release, published a draft, or went to ballot in the last 18 months (July 2010-December 2011).

- Target platforms: ME: 9 (10 in 2010), SE: 11 (10 in 2010), EE: 11 (11 in 2010).
    - 11 (8 in 2010) JSRs targeted SE and EE, 3 targeted SE & embedded (2 in 2010), 3 targeted both SE/EE and ME, (3 in 2010).

10 Entities; 9 (13 in 2010) organizations and 1 (3 in 2010) individuals played a Spec Lead role in 48 (46 in 2010) active JSRs.

Entity	Total JSRs	MR JSRs	JSR s in Other Active stages
Oracle	32	12	٢٠
Nokia	0	5	٠
RedHat	٣	٠	٠
Aplix	٢	2	٠
IBM	١	٠	٠
Day Software	١	٠	٠
J Feldman	١	٠	٠
The Open Group	١	0	٠
Ericsson	١	٠	٠
IAIK Graz Univ.	١	0	٠

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- 48 Active JSRs; 638 (900 in 2010) expert group members served on the associated EGs.

  – Average of about 13 per EG (19 in 2010).

- 105 (157 in 2010) organizations represented.

  – Mostly corporations, 5 non-profits.

  – Organizational EG reps often serve on multiple EGs.

  – Organizations often have several reps on a single EG.

- 133 (158 in 2010) individuals represented.

  – Most individuals served on 1 EG (of an Active JSR).

    - Some Individual Experts serving on 2-9 EGs.

- 76% of all EG reps are either from EC organizations or individuals (40% in 2010)

.

Oracle	98	Samsung	9	Credit Suisse	1
RedHat	34	Fujitsu	5	Eclipse	1
IBM	32	RIM	4	London JUG	1
SAP	20	Siemens	4	SouJava	1
Nokia	16	Goldman Sachs	3	S Andreani	1
Ericsson	14	HP	3	SK Telecom	1
Motorola	13	Intel	3	TOTVS	1
Pramati	12	Vodafone	3	ARM	0
Google	11	AT&T	2	Azul	0
Aplix	9	T-Mobile	2	Twitter	0
Werner Keil	9	CableLabs	1		

Organizations with >= 10 reps on active JSRs
plus EC members with < 10 reps.

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- Appendix: Active JSRs

New JSRs (JSR Review Ballot)

- JSR 334, Small Enhancements to the JavaTM Programming Language (Oracle)
    - Went on to complete Early Draft Review, Public Review, PFD, Final Release
- JSR 335, Lambda Expressions for the JavaTM Programming Language (Oracle)
    - Went on to complete Early Draft Review
- JSR 336, Java SE 7 Release Contents (Oracle)
    - Went on to complete Early Draft Review, Public Review, PFD, Final Release
- JSR 337, Java SE 8 Release Contents (Oracle)
- JSR 338, Java Persistence 2.1 (Oracle)
    - Went on to complete Early Draft Review
- JSR 339, JAX-RS 2.0: The Java API for RESTful Web Services (Oracle)
    - Went on to complete Early Draft Review
- JSR 340, Java Servlet 3.1 Specification (Oracle)
- JSR 341, Expression Language 3.0 (Oracle)
- JSR 342, Java Platform, Enterprise Edition 7 Specification (Oracle)

New JSRs (JSR Review Ballot)

- JSR 343, Java Message Service 2.0 (Oracle)
- JSR 344, JavaServer Faces 2.2 (Oracle)
  - Went on to complete Early Draft Review
- jSR 345, Enterprise JavaBeans 3.2 (Oracle)
- JSR 346, Contexts and Dependency Injection for JavaTM EE 1.1 (RedHat)
  - Went on to complete Early Draft Review
- JSR 347, Data Grids for the Java Platform (RedHat)
- JSR 348, Towards a new version of the Java Community Process (Oracle)
  - Went on to complete Early Draft Review, Public Review, PFD, Final Release
- JSR 349, Bean Validation 1.1 (RedHat)
- JSR 350, Java State Management (Oracle)
- JSR 351, JavaTM Identity API (Oracle)
- JSR 352, Batch Applications for the Java Platform (IBM)
- JSR 353, JavaTM API for JSON Processing (Oracle)

Completed JSRS (Final Release 2010)

- JSR 325, IMS Communication Enablers (ICE) (Ericsson AB) *30 months*
- JSR 301, Portlet Bridge Specification for JavaServer Faces (Oracle) *48 months*

- *Times to completion are from JSR Review Ballot to Final Release*

Completed JSRs (Final Release 2011)

- JSR 321, Trusted Computing API for Java (IAIK Graz Univ.) *48 months*

- JSR 292, Supporting Dynamically Typed Languages on the Java Platform (Oracle) *65 months*

- JSR 329, Portlet 2.0 Bridge for JavaServerTM Faces 1.2 Specification (Oracle) *24 months*

- JSR 334, Small Enhancements to the JavaTM Programming Language (Oracle) *20 months*

- JSR 336, Java SE 7 Release Contents (Oracle) *20 months*

- JSR 203, More New I/O APIs for the JavaTM Platform ("NIO.2") (Oracle), *102 months*

- JSR 348, Towards a new version of the Java Community Process (Oracle) *5 months*

Times to completion are from JSR Review Ballot to Final Release

Maintenance Releases

- JSR 314, JavaServer Faces 2.0 (Oracle)
- JSR 114, JDBC Rowset Implementations (Oracle)
- JSR 172, J2ME Web Services Specification (Oracle)
- JSR 179, Location API for J2ME (Nokia)
- JSR 180, SIP API for J2ME (Nokia)
- JSR 257, Contactless Communication API (Nokia)
- JSR 221, JDBC 4.0 API Specification (Oracle)
- JSR 234, Advanced Multimedia Supplements (Nokia)
- JSR 318, Enterprise JavaBeans 3.1 (Oracle)
- JSR 258, Mobile User Interface Customization API (Nokia)
- JSR 269, Pluggable Annotation Processing API (Oracle)

Maintenance Releases

- JSR 315, Java Servlet 3.0 Specification (Oracle)
- JSR 224, Java API for XML-Based Web Services (JAX-WS) 2.0 (Oracle)
- JSR 243, Java Data Objects 2.0 - An Extension to the JDO specification (Oracle)
- JSR 56, Java Network Launching Protocol and API (Oracle)
- JSR 901, JavaTM Language Specification (Oracle)
- JSR 924 ,JavaTM Virtual Machine Specification (Oracle)

Maintenance Reviews w/out Releases

- JSR 118, Mobile Information Device Profile 2.0 (Aplix)
  - Review Closed November 2010
- JSR 135, Mobile Media API (Aplix)
  - Review Closed October 2010

Active JSRs (Early Draft)

- JSR 338, Java Persistence 2.1 (Oracle)
- JSR 335, Lambda Expressions for the JavaTM Programming Language (Oracle)
- JSR 302, Safety Critical JavaTM Technology (The Open Group)
- JSR 339, JAX-RS 2.0: The Java API for RESTful Web Services (Oracle)
- JSR 333, Content Repository API for Java Technology 2.1 (Day)
- JSR 346, Contexts and Dependency Injection for JavaTM EE 1.1 (RedHat)
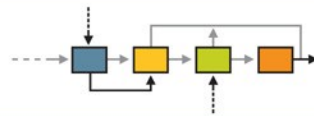- JSR 344, JavaServerTM Faces 2.2 (Oracle)

Active JSRs (Proposed Final Draft)

- JSR 331, Constraint Programming API (Jacob Feldman)

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

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