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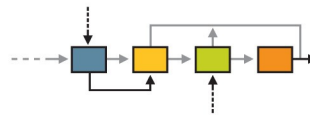
# Java Community Process (JCP) Program Activities

2010 Year End Summary

<http://jcp.org>

Prepared for 11 January 2011

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Community Development of Java Technology Specifications

ORACLE

# Agenda



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

# Membership



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- Membership grew by 1% in 2010 to 1552 (4% growth rate in 2009); 3748 Registered users (not Members).
- Membership distribution by type remained similar:
  - 77 % individual, 21% corporate, 2% non-profit.
- Membership distribution by location:
  - 50% North America
  - 32% Europe and the Russian Federation
  - 13% Asia and the Middle East
  - 5% South America
- Slight decrease in Asia, slight increase in South America from 2009

# EC Elections



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- Voter participation decreased to 18% from 21%.
- Eclipse, Google elected; Apache, Red Hat ratified on the SE/EE EC; Hologic not ratified.
- Aplix, Stefano Andreani (replaced Orange) elected; RIM, Samsung, TOTVS ratified on the ME EC.
- Special Election planned in 2011 to fill 3 SE/EE EC seats; 2 ratified (Apache, D Lea), 1 elected (T Peierls seat).

- 2 Special Elections were held in 2010
  - Feb 2010: CableLabs -replaced J Feldman ME seat.
  - May 2010; Credit Suisse on the SE/EE EC, TQTV D (now TOTVS) on the ME EC.
  - 2 vacant seats due to Oracle acquisition of Sun, and Time Warner resignation

# Active JSRs in 2010



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- 22 active JSRs\* during 2010 (54 in 2009).
  - 5 new JSRs started (5 in 2009).
  - 4 JSRs completed (18 in 2009).
  - 4 JSRs issued Maintenance Releases (13 in 2009).
  - 9 active JSRs in other stages (31 in 2009).
- 2 in Early Draft stage (4 in 2009)
- 1 in Public Review stage (4 in 2009)
- 1 in Proposed Final Draft stage (6 in 2009)
- 1 passed Final Approval Ballot - not yet released (1 in 2009)
- 3 in Maintenance Review stage (5 in 2009)
- 1 Rejected

\*2009 active JSRs include JSRs that started, completed, issued a maintenance release, published a draft, or went to ballot in 2010.

# Target Platforms of 2010 Active JSRs



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- Target platforms: ME: 6 (16 in 2009), SE: 7 (14 in 2009), EE: 4 (12 in 2009).
  - 2 (8 in 2008) JSRs targeted both SE and EE, 1 targeted SE and ME, (2 in 2009), 2 targeted both SE/EE and ME (2 in 2009).

- 46 Active JSRs (65 in 2009)\*.
  - 7 new JSRs started (1 went on to later stages).
  - 18 JSRs completed (2 went on to Maintenance).
  - 14 JSRs issued Maintenance Releases.
  - 10 active JSRs in other stages.
- 3 in Early Draft stage.
- 1 in Public Review stage.
- 2 in Proposed Final Draft stage.
- 1 passed Final Approval Ballot (not yet released).
- 3 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 2008-December 2009).



# Target Platforms of all Active JSRs



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- Target platforms: ME: 10 (20 in 2009), SE: 10 (17 in 2009), EE: 11 ( 14 in 2009).
  - 8 (9 in 2009) JSRs targeted both SE and EE, 2 targeted ME & embedded, 3 targeted SE & embedded, 3 targeted both SE/EE and ME, (2 in 2009).

# Spec Leadership



17 Entities; 13 (22 in 2009) organizations and 4 (3 in 2009) individuals played a Spec Lead role in 46 (65 in 2009) active JSRs.

Oracle	26	IBM	1	Bob Lee	1
Aplix	4	LGE	1	S Colebourne	1
Nokia	3	Samsung	1	M NascimentoSantos	1
Day Software	2	SK Telecom	1	J Feldman	1
Red Hat	2	VMWare	1		
Ericsson	2	WBEM Solutions	1		
HP	1				

# Expert Group Membership



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- 46 Active JSRs; 900 (1114 in 2009) expert group members served on the associated EGs.
  - Average of about 19 per EG (17 in 2009).
- 157 (200 in 2009) organizations represented.
  - Mostly corporations, but some non-profits.
  - Organizational EG reps often serve on multiple EGs.
  - Organizations often have several reps on a single EG.
- 158 (188 in 2009) individuals represented.
  - Most individuals served on 1 EG (of an Active JSR).
    - Some Individual Experts serving on 2-6 EGs.
  - 40% of all EG reps are either from EC organizations or individuals

# Organizational and EC representation on EGs



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Oracle	134	Apache	11	SK Telecom	2
IBM	35	Orange France	11	T-Mobile	2
Red Hat	34	Aplix	10	Intel	2
Nokia	26	Novell	10	Sean Sheedy	1
Ericsson	20	Sony Ericsson	7	AT&T	0
SAP	18	Google	7	CableLabs	0
Motorola	16	RIM	7	Credit Suisse	0
Pramatti	13	Fujitsu	5	TOTVS	0
HP	12	VMWare	5	S Andreani	0
Samsung	12	Vodafone	4	Eclipse	0
LGE	12	Werner Keil	3		

*Organizations with  $\geq 10$  reps on active JSRs  
plus EC members with  $< 10$  reps.*





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- Appendix: Active JSRs

# New JSRs (JSR Review Ballot)



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- JSR 331, Constraint Programming API (Jacob Feldman)
  - Went on to complete Early Draft Review, Public Review
- JSR 332, Email Client API for Java ME (Samsung)
- JSR 333, Content Repository API for Java Technology 2.1 (Day)
- JSR 334, Small Enhancements to the Java™ Programming Language (Oracle)
- JSR 335, Lambda Expressions for the Java™ Programming Language (Oracle)
- JSR 336, Java SE 7 Release Contents (Oracle)
- JSR 337, Java SE 8 Release Contents (Oracle)
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# Completed JSRs (Final Release 2009)



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- JSR 287, Scalable 2D Vector Graphics API 2.0 for Java ME (Nokia) *48 months*
- JSR 271, Mobile Information Device Profile 3 (Aplix) *57 months*
- JSR 279, Service Connection API for Java ME (Nokia/Oracle) *51 months*
- JSR 283, Content Repository for Java™ Technology API Version 2.0 (Day Software) *48 months*
- JSR 299, Web Beans (Red Hat) *31 months*
- JSR 303, Bean Validation (Red Hat) *40 months*
- JSR 309, Media Server Control API (HP/Oracle) *34 months*
  
- *Times to completion are from JSR Review Ballot to Final Release*

# Completed JSRs (Final Release 2009)



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- JSR 314, JavaServer Faces 2.0 (Oracle) *25 months* \*
- JSR 315, Java Servlet 3.0 Specification (Oracle) *29 months*
- JSR 316, Java Platform, Enterprise Edition 6 (Java EE 6) Specification (Oracle) *29 months*
- JSR 317, Java Persistence 2.0 (Oracle) *29 months*
- JSR 318, Enterprise JavaBeans 3.1 (Oracle) *29 months* \*
- JSR 322, Java EE Connector Architecture 1.6 (Oracle) *24 months*
- JSR 330. Dependency Injection for Java (VMWare, Bob Lee) *4 months*

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

*\* Went on to Maintenance*



# Final Release 2010



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- JSR 325, IMS Communication Enablers (ICE) (Ericsson AB) *30 months*
- JSR 300, DRM API for Java (LGE) *45 months*
- JSR 319, Availability Management for Java (Ericsson AB) *32 months*
- JSR 301, Portlet Bridge Specification for JavaServer Faces (Oracle) *48 months*

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

# Active JSRs (Final Approval Ballot w/out Release)



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- JSR 329, Portlet 2.0 Bridge for JavaServer™ Faces 1.2 Specification (Oracle)
  - FAB December 2010, PMO in process of posting

# Maintenance Releases



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- JSR 196, Java Authentication Service Provider Interface for Containers (Oracle)
- JSR 211, Content Handler API (Oracle)
- JSR 245, JavaServer Pages 2.1 (Oracle)
- JSR 250, Common Annotations for the Java Platform (Oracle)
- JSR 257, Contactless Communication API (Nokia)
- JSR 311, JAX-RS: The Java API for RESTful Web Services (Oracle)
- JSR 314, JavaServer Faces 2.0 (Oracle)
- JSR 318, Enterprise JavaBeans 3.1 (Oracle)
- JSR 109, Implementing Enterprise Web Services (Oracle)
- JSR 115, Java Authorization Contract for Containers (Oracle)

# Maintenance Releases



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- JSR 222, Java Architecture for XML Binding (JAXB) 2.0 (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)

# Maintenance Reviews w/out Releases



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- JSR 118, Mobile Information Device Profile 2.0 (Aplix)
  - Review Closed November 2010
- JSR 135, Mobile Media API (Aplix)
  - Review Closed October 2010
- JSR 82, Java APIs for Bluetooth (Aplix)
  - JCP 2.1 JSR, Review Closed March 2010

# Active JSRs (Public Review)



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- JSR 331, Constraint Programming API (Jacob Feldman)

# Active JSRs (Early Draft)



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- JSR 276, Design-Time Metadata for JavaServer Faces Components (Oracle)
- JSR 310, Date and Time API (S Colebourne, M Nascimento Santos)
- JSR 326, Post mortem JVM Diagnostics API (IBM)

# Active JSRs (Proposed Final Draft)



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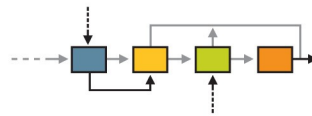
- JSR 327, Dynamic Contents Delivery Service API for Java ME (SK Telecom)
- JSR 48, WBEM Services Specification (WBEM Solutions)





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



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