

Java Community Process Executive Committee Meeting

February 11, 2025

Heather VanCura



Java Community Process





Roll Call

PMO		
Alibaba	Amazon	ARM
Azul Systems	BNY	Bellsoft
Deep Netts	Eclipse Foundation	Fujitsu
IBM	Intel	Japan JUG
JetBrains	MicroDoc	Microsoft
Oracle	SAP	SouJava

Members listed **in blue** have lost their voting privileges due to non-attendance

Members listed **in red** will lose their voting privileges if they do not attend this meeting

EC Meeting Attendance

- EC members who miss two meetings in a row lose their voting privileges until they have attended one meeting.
- EC members who miss five meetings in a row or who miss two-thirds of the meetings in any 12-month period forfeit their seats.
 - NOTE: members who participate in face-to-face meetings by phone are officially counted as absent.
- See <https://jcp.org/en/participation/attendance>.

Agenda

- PMO Updates & Topics
- EC Stats
- JCP Awards
- Java Ecosystem - Spring
- JavaDoc Update
- Java in Education
- 2025 Calendar

Personnel Changes

- Please check the EC-private and the public contact pages and report any necessary updates to the PMO.
- New additional Alternate for BNY, Loiane Groner
- <http://www2.jcp.org/aboutJava/communityprocess/ec-private/ECContact.html>
 - <http://jcp.org/en/participation/committee#membership>

EC Elections 2024

- EC Members
- <https://jcp.org/en/whatsnew/elections>
- Ratified: Alibaba, BellSoft, BNY, JetBrains, MicroDoc, SAP
- Elected: Eclipse Foundation, Microsoft
- Associate: Deep Netts

Java Community Process (JCP) Program

Supplemental Statistics

8 December 2024 – 10 February 2025

Prepared for 11 February 2025

Heather VanCura



JSR Updates

- JSR 400: JSR Iteration— Java SE 25; Oracle
- JSR 399: Public Review/Public Review Final Approval Ballot – Java SE 24; Oracle (EC ballot 25 Feb – 3 Mar)
- JSR 221: Maintenance Review/Maintenance Review Ballot – JDBC 4.0 API Specification (EC ballot 7-13 Jan)
- JSR 269: Maintenance Review/Maintenance Review Ballot – Pluggable Annotation Processing API; Oracle (EC ballot 7-13 Jan)
- JSR 199: Maintenance Review/Maintenance Review Ballot – Java Compiler API; Oracle (EC ballot 7-13 Jan)

JSR Ballots

- JSR 221; JDBC 4.0 API Specification; Maintenance Review Approval Ballot approved
- 18 yes votes: Alibaba, [amazon.com](https://www.amazon.com) web services, ARM, Azul Systems, BNY Mellon, Bellsoft, Deep Netts, Eclipse Foundation, Japan JUG, JetBrains, Fujitsu, IBM, Intel, MicroDoc, Microsoft, Oracle, SAP, SouJava

JSR Ballots

- JSR 269; Pluggable Annotation API; Maintenance Review Approval Ballot approved
- 18 yes votes: Alibaba, [amazon.com](https://www.amazon.com) web services, ARM, Azul Systems, BNY Mellon, Bellsoft, Deep Netts, Eclipse Foundation, Japan JUG, JetBrains, Fujitsu, IBM, Intel, MicroDoc, Microsoft, Oracle, SAP, SouJava

JSR Ballots

- JSR 199; Java Compiler API; Maintenance Review Approval Ballot approved
- 18 yes votes: Alibaba, [amazon.com](https://www.amazon.com) web services, ARM, Azul Systems, BNY Mellon, Bellsoft, Deep Netts, Eclipse Foundation, Japan JUG, JetBrains, Fujitsu, IBM, Intel, MicroDoc, Microsoft, Oracle, SAP, SouJava

JCP Awards



EC Ballot in February

Awards to be presented at JCP event on March 18 at 7 pm

<https://jcp.org/en/press/news/awards/2024awards>

March 17-20, 2025
Redwood Shores, CA



Java Ecosystem Working Group

Spring

Java Ecosystem Working Group – 3rd Party Tools/Libraries

Starting in April 2023 EC Meeting, discussion of Java Ecosystem
[https://jcp.org/aboutJava/communityprocess/ec-public/materials/2023-04-12/JCP Java SE Update April 2023.pdf](https://jcp.org/aboutJava/communityprocess/ec-public/materials/2023-04-12/JCP%20Java%20SE%20Update%20April%202023.pdf)

JEP14: Informational JEP on Tip & Tail Development: <https://openjdk.org/jeps/14>

Working Group discussions

<https://github.com/jcp-org/Java-Ecosystem-JCP-Working-Group/wiki/Java-Ecosystem-JCP-Working-Group>

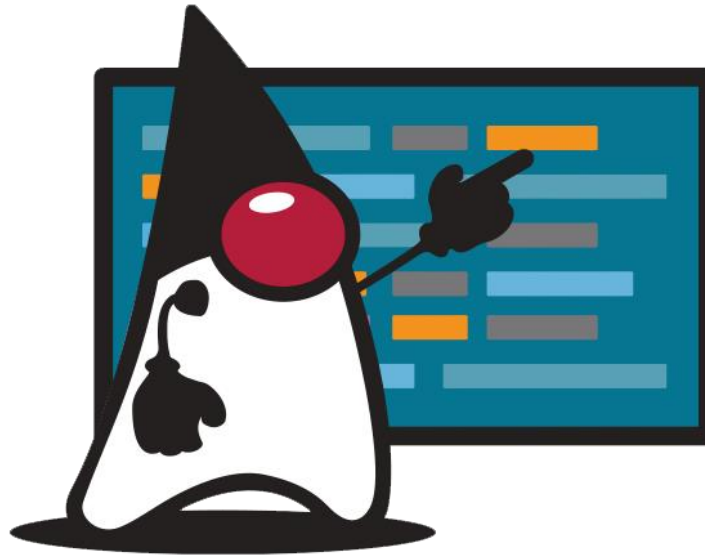
The world is ready for the ecosystem of Java libraries, frameworks, and tools to embrace a delivery model similar to that of the JDK. Tip development, with LTS offerings. By making this shift, library vendors can realize exactly the same kind of benefits that we have achieved for the Java platform itself. What's more, this will further strength and extend the viability of Java overall.

Next Steps and Action Items

- Outreach to community, promote importance of adoption in your company, educate/assist maintainers
- Spread the word about Java Ecosystem, adoption and tip & tail
 - Next discussion March 18 during JavaOne (Tuesday)

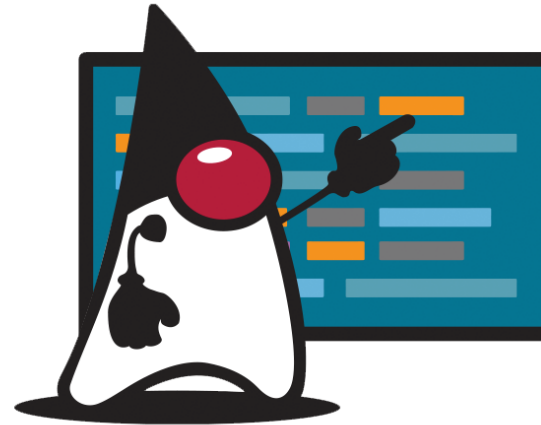
JavaDoc Update

Java in Education



Use Images

https://jcp.org/en/ec/my#jcp_ec_logo

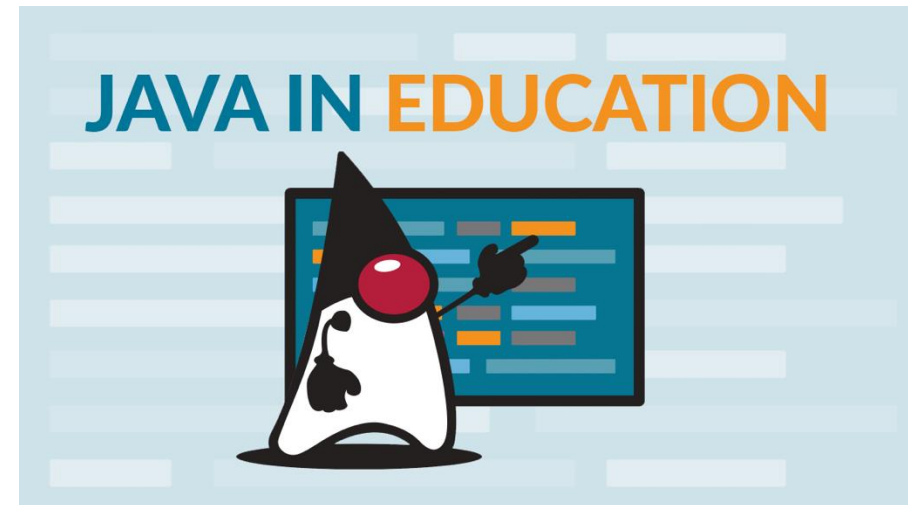


JUG Leader Initiative Component

JUG leader resources and sharing experiences

Ongoing discussions with JUG Leaders

<https://jcp.org/java-in-education>



Updated materials

- How & Why to Learn Java - updated for Java SE 23
- Modern Java Features - updated for Java SE 23/24 upcoming
- Workshop for students - How to use Java with ML/AI w/Visual Rec/ChatGPT (JSR 381)
- Day in the Life examples - IBM, Oracle
- Examples of JUGs bringing students to their communities

Next Steps and Action Items

- EC Members - use new social media template to promote importance and need for Java developers
- Spread the word about Java in Education for JUG leaders
- [groups.io](https://groups.io/g/EducationInJava) list: <https://groups.io/g/EducationInJava>
 - Next discussion w/ JUGs March 18 (Tuesday) during JavaOne

Java & AI

Zoran Sevarac

Java & AI

- From October JCP EC F2F Meeting Discussion



We continuously evolve Java to meet your **future app development** needs

Java has **30 years** of experience evolving with the latest tech trends

Data-centric World

Amber

Continuously **improve developer productivity** through evolution of the Java language.

ZGC

Create a **scalable low-latency** garbage collector capable of handling terabyte heaps.

Cloud-powered World

Loom

Massively scale lightweight threads, making **concurrency simple again**.

Leyden

Improve the **start-up time** and time to peak performance of cloud applications.

AI-driven World

Babylon

Extend the reach of Java including to machine learning models and GPUs

Panama

Safe and efficient **interoperation** with native libraries and native Java.

Valhalla

Unify primitives and classes to **improve productivity and performance**.



Working Group Goals

- **Promote and share** information about AI related work in Java ecosystem
- **Create awareness** of what is happening in Open JDK and Java community related to AI
- **Support existing community efforts** related to AI
- **Create channels for collaboration and communication** between stakeholders related to AI in Java ecosystem
- **Get feedback** about AI support in Java

Part 2.

- Understand requirements, use cases and expectations for AI in Java in order to drive Java ecosystem development.
- Change perceptions of Java as legacy technology
- Discuss ‘Use AI from Java’ vs. ‘Use Java to build AI’ strategy, and how to position Java in AI ecosystem with wider community participation
- Java ecosystem already has all the components and capacity to solve incoming AI challenges, WG would help focus and coordinate all stakeholders

2025 EC Meeting Dates

- February 11 (Teleconference) 8 - 10 am PST
- March 21 (Face to Face Bay Area) Oracle
- June 10 (Teleconference - public) 8 am - 10 am PDT
- August 12 (Teleconference) 8 am - 10 am PDT
- October 10 (Face to Face Cambridge) Arm
- December 9 (Teleconference - public) 8 -10 am PST

Next Meeting

21 March 9 am – 5 pm Pacific Time

Face to Face

Hosted by Oracle, Redwood Shores CA USA

https://jcp.org/aboutJava/communityprocess/ec-private/materials/2025-03-21/Redwood_Shores_f2f_details_March2025.html

Thank you!

<http://jcp.org>

https://twitter.com/jcp_org