A convenient list of essential Java 15 resources

Information from the Java Platform Group and from Java Magazine

by Java Magazine Staff

Java 15 is here. On Sept. 15, the Java Platform Group officially released the latest version of the JDK, consisting of 14 separate Java Enhancement Proposals (JEPs).

For your convenience, Java Magazine has assembled a convenient list of Java 15 resources, including technical articles, information from the Java Platform Group, and project links.

Before we jump into the resources, we’d like to invite you to sign up for no-cost subscriptions to a few other resources:

- Java Magazine Newsletter, usually published twice per month
- Oracle Developer Newsletter, usually published once per month
- Oracle Connect Newsletter, usually published weekly

And while we’re at it, please make sure to follow Java Magazine on Twitter and Facebook. If you’d like, you can follow me too.

Articles from Java Magazine and the Java Platform Group

- “Inside Java 15: Fourteen JEPs in five buckets”
- “The role of preview features in Java 14, Java 15, Java 16, and beyond”
- “Venkat Subramaniam: Java is changing in a responsible manner”
- “The arrival of Java 15”

Multimedia from the Java Platform Group

- Podcast: “Java 15 is here!”
- Webcast: "Application development innovation with Java 15"
- Webcast: “The future of Java is now”
- Webcast: “Java language futures”
- Webcast: “Hybrid cloud applications for the enterprise: Evolving traditional applications with microservices”
- Webcast: “ZGC, the next generation low-latency garbage collector”
- Webcast: “Keeping your Java applications secure: Cryptographic improvements and best practices”
- Webcast: “This ain’t your parents’ Java”
- Webcast: “The path toward Spring boot native applications on GraalVM”
- Webcast: “Continuous monitoring with JDK Flight Recorder”
- Webcast: “Project Loom: Modern scalable concurrency for the Java platform”
- Webcast: “Collections refueled”
- Webcast: “Panel: Ask the Java architects”

**JDKs and JEPs**

- JDK 15 general availability release
- Java SE 15 downloads

**New features**

- JEP 339: Edwards-Curve Digital Signature Algorithm (EdDSA)
- JEP 371: Hidden Classes

**Preview and experimental features that are now finalized**

- JEP 377: ZGC: A Scalable Low-Latency Garbage Collector
- JEP 378: Text Blocks
- JEP 379: Shenandoah: A Low-Pause-Time Garbage Collector

**Incubating and preview features**

- JEP 360: Sealed Classes (First Preview)
- JEP 375: Pattern Matching for instanceof (Second Preview)
- JEP 383: Foreign-Memory Access API (Second Incubator)
- JEP 384: Records (Second Preview)

**Modernizing the JDK**
Java Magazine Staff
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(javamag_us@oracle.com, @Oraclejavamag) deliver authoritative information about Java, the JVM, and JVM languages to a community of more than one-quarter million developers.

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- JEP 372: Remove the Nashorn JavaScript Engine
- JEP 373: Reimplement the Legacy DatagramSocket API
- JEP 374: Disable and Deprecate Biased Locking
- JEP 381: Remove the Solaris and SPARC Ports
- JEP 385: Deprecate RMI Activation for Removal