**Java SE 12**

JDK 12 was released on March 19, 2019. Among others, Java 12 includes a number of new features, such as:[[365]](https://en.wikipedia.org/wiki/Java_version_history#cite_note-365)

* JEP 189: Shenandoah: A Low-Pause-Time Garbage Collector (Experimental)[[366]](https://en.wikipedia.org/wiki/Java_version_history#cite_note-366)
* JEP 230: Microbenchmark Suite[[367]](https://en.wikipedia.org/wiki/Java_version_history#cite_note-367)
* JEP 325: Switch Expressions (Preview)[[368]](https://en.wikipedia.org/wiki/Java_version_history#cite_note-368)
* JEP 334: JVM Constants API[[369]](https://en.wikipedia.org/wiki/Java_version_history#cite_note-369)
* JEP 340: One AArch64 Port, Not Two[[370]](https://en.wikipedia.org/wiki/Java_version_history#cite_note-370)
* JEP 341: Default CDS Archives[[371]](https://en.wikipedia.org/wiki/Java_version_history#cite_note-371)
* JEP 344: Abortable Mixed Collections for G1[[372]](https://en.wikipedia.org/wiki/Java_version_history#cite_note-372)
* JEP 346: Promptly Return Unused Committed Memory from G1[[373]](https://en.wikipedia.org/wiki/Java_version_history#cite_note-373)

**Java 12 updates**

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| **Release** | **Release date** | **Highlights** |
| Java SE 12[[374]](https://en.wikipedia.org/wiki/Java_version_history#cite_note-374) | 2019-03-19 | Initial release |
| Java SE 12.0.1[[375]](https://en.wikipedia.org/wiki/Java_version_history#cite_note-:2-375) | 2019-04-16 | New Japanese Era Name & Security fixes |
| Java SE 12.0.2[[375]](https://en.wikipedia.org/wiki/Java_version_history#cite_note-:2-375) | 2019-07-16 | Removed Features and Options |