

# JDK11u

## Welcome to OpenJDK 11 Updates!

OpenJDK 11 updates are part of the [JDK updates project](#) of the OpenJDK. [Rob McKenna](#) serves as the Project Lead. The list of Reviewers, Committers, and Authors can be found in the [jdk updates](#) section of the OpenJDK Census.

### Maintainers

- [Andrew Haley](#) (Lead Maintainer)
- [Christoph Langer](#)
- [Severin Gehwolf](#)

### General Information

OpenJDK 11 updates will be delivered on the same established [quarterly cycle](#) used by Oracle i.e. "the Tuesday closest to the 17th day of January, April, July and October."

Development takes place in the [jdk11u-dev](#) Mercurial repository and should be the primary place for OpenJDK committers to submit their work.

Code from the development repository is regularly tagged and promoted to the master [jdk11u](#) repository, which is used to stabilize and deliver the quarterly releases. Distributors should use this as their primary source for creating OpenJDK builds.

For further process details you might want to continue reading [here](#).

### Contributing

New fixes should first be submitted to the development repository for the current version of OpenJDK, [jdk/jdk](#). Most changes submitted to the OpenJDK 11 project will be *backports* from this repository. Exceptions are made if an issue only applies to 11.

Everybody is encouraged to submit fixes for OpenJDK 11 by dropping a mail to the [jdk-updates-dev mailing list](#). Established community members will help new developers without commit access in getting their patch reviewed. For details on the process involved, continue reading [here](#).

Should you not be willing or not be able to drive a fix into JDK 11 updates, you can still suggest changes. But by only doing that, you are at the grace of the community to pick up your suggestion.

### Fix Approvals

In general we follow the [common rules for the jdk-updates project](#).

If the backport requires more than just cosmetic changes (file location changes, copyright header updates) to apply to the 11u repository, it should first be submitted for review.

Push approval for a fix is requested by setting the [jdk11u-fix-request](#) label on the original [JBS](#) bug. The maintainers will either approve by setting [jdk11u-fix-yes](#) or reject by setting [jdk11u-fix-no](#). Outstanding approvals can be monitored [here](#). If and only if the fix gets approved, it may be pushed to the [jdk11u-dev](#) repository. Approved fixes show up in this [JBS filter](#) (login required).

During the later stages of a release cycle, the release enters *rampdown*. The master [jdk11u](#) repository contains the latest version of that release, while the [jdk11u-dev](#) repository is used to start work on the next release. If a change needs to be pushed to a release in rampdown, push approval can still be requested using the [jdk11u-critical-request](#) label. As the name of this tag suggests, this process is intended for fixes such as major regressions that must make the release. More minor bugs and new features should go in the next release being developed in [jdk11u-dev](#). The maintainers may approve with [jdk11u-critical-yes](#), defer to [jdk11u-dev](#) or reject altogether. Outstanding approvals for critical fixes can be monitored [here](#). If, and only if, the fix gets approved with [jdk11u-critical-yes](#), it may be pushed to the [jdk11u](#) repository. Approved critical fixes show up in this [JBS filter](#) (login required).

At the end of the month prior to the release month, the [jdk11u](#) repository is declared frozen so embargoed security fixes can be added in private during the final few weeks. On release day, the final version will be pushed to the [jdk11u](#) repository and source bundles made available.

### Repositories

[jdk11u-dev](#): Always open repository for development of upcoming JDK 11 Update releases. Pushes after [jdk11u-fix-yes](#) approval. Check [here](#) for clearance.

[jdk11u](#): Repository used for Rampdown of JDK 11 Update releases. Pushes only during 4-weeks rampdown period after [jdk11u-critical-yes](#) approval. Check [here](#) for clearance.

### Timelines

OpenJDK 11.0.10

- Wednesday, September 2 2020: [jdk11u-dev](#) repo open (tag: 11.0.10+0)

- Tuesday, November 3 2020: First merge from jdk11u-dev to jdk11u (tag: 11.0.10+1)
- Tuesday, December 1 2020: Rampdown; last merge from jdk11u-dev to jdk11u
- Tuesday, December 29 2020: Last tag before code freeze
- Tuesday, January 19 2021 GA; OpenJDK 11.0.10 released (tag: jdk-11.0.10-ga)

#### OpenJDK 11.0.11

- Wednesday, December 2 2020: jdk11u-dev repo open (tag: 11.0.11+0)
- Tuesday, February 2 2021: First merge from jdk11u-dev to jdk11u (tag: 11.0.11+1)
- Tuesday, March 2 2021: Rampdown; last merge from jdk11u-dev to jdk11u
- Tuesday, March 30 2021: Last tag before code freeze
- Tuesday, April 20 2021 GA; OpenJDK 11.0.11 released (tag: jdk-11.0.11-ga)

#### OpenJDK 11.0.12

- Wednesday, March 3 2021: jdk11u-dev repo open (tag: 11.0.12+0)

## Releases

**Latest GA release:** 11.0.9

- 11.0.9+11 (GA), October 20th 2020, [[Release](#)] [[Tag](#)] [[Binaries](#)] [[Missing changes vs 11.0.9 of Oracle](#)] (JBS Login required) [[Additional changes vs 11.0.9 of Oracle](#)] (JBS Login required)

Older releases can be found in the [archive](#).

## Downloads

Latest Generally Available (GA) binary releases of the jdk11u stream of the OpenJDK jdk-updates project are available at: <https://adoptopenjdk.net/upstream.html?variant=openjdk11&ga=ga>

Latest Early Access (EA) binary releases of the jdk11u stream of the OpenJDK jdk-updates project are available at: <https://adoptopenjdk.net/upstream.html?variant=openjdk11&ga=ea>

## JBS Filters

Some filters will only work for users that are logged into JBS.

### Standard Fix Requests

[\[All requests\]](#) [\[Approved requests\]](#) [\[Approved requests without push\]](#) [\[Unapproved requests\]](#)

### Critical Fix Requests

[\[All requests\]](#) [\[Approved requests\]](#) [\[Approved requests without push\]](#) [\[Unapproved requests\]](#)

### Filters for Release 11.0.10

[\[Open Downports Oracle -> OpenJDK - 11.0.10 Release Only\]](#)

[\[Open Downports Oracle -> OpenJDK - 11.0.10 Release Only - Without JVMCI/Graal Items\]](#)

[\[Open Downports Oracle -> OpenJDK - All\]](#)

[\[Open Downports Oracle -> OpenJDK - All Without JVMCI/Graal Items\]](#)

[\[Additional commits in OpenJDK vs Oracle\]](#)

### Filters for Release 11.0.11

[\[Open Downports Oracle -> OpenJDK - 11.0.11 Release Only\]](#)

[\[Open Downports Oracle -> OpenJDK - 11.0.11 Release Only - Without JVMCI/Graal Items\]](#)

[\[Open Downports Oracle -> OpenJDK - All\]](#)

[\[Open Downports Oracle -> OpenJDK - All Without JVMCI/Graal Items\]](#)

[\[Additional commits in OpenJDK vs Oracle\]](#)