

# Main

## Welcome to OpenJDK 8 Updates!

OpenJDK 8 updates are a [separate project](#) of OpenJDK. [Andrew Haley](#) serves as the Project Lead. The list of Reviewers, Committers, and Authors can be found in the [jdk8u entry](#) of the OpenJDK Census.

### Maintainers

- [Andrew Haley](#)
- [Andrew Hughes](#)

### General Information

As a preamble, the project lead has established general [guidelines for working on jdk8u](#).

OpenJDK 8 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 [jdk8u-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 [jdk8u](#) 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 may want to continue reading [here](#).

### Contributing

The contribution checklist is [here](#). That page was written for OpenJDK 11 updates, but the same process is applicable for OpenJDK 8 updates as well.

New fixes should first be submitted to the development repository for the current version of OpenJDK, [jdk/jdk](#), first. Most changes submitted to the OpenJDK 8 project will be *backports* from this repository. Occasional exceptions are made when an issue only applies to 8.

Everybody is encouraged to submit fixes for OpenJDK 8 updates by dropping a mail to the [jdk8u-dev mailing list](#). Established community members will help new developers without commit access in getting their patch reviewed. Should you not be willing or not be able to drive a fix into OpenJDK 8 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 8u tree, it should first be submitted for review.

Push approval for a fix is then requested by setting the [jdk8u-fix-request](#) label on the original [JBS](#) bug. The maintainer will either approve this by setting [jdk8u-fix-yes](#) or reject it by setting [jdk8u-fix-no](#). Outstanding approvals can be monitored [here](#). If, and only if, the fix is approved, it may be pushed to the appropriate [jdk8u-dev](#) repositories. Approved fixes show up in this [JBS filter](#) (login required).

During the later stages of a release cycle, the release enters *rampdown*. The master [jdk8u](#) repositories contain the latest version of that release, while the [jdk8u-dev](#) repositories are 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 [jdk8u-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 [jdk8u-dev](#). The maintainers may approve with [jdk8u-critical-yes](#), defer to [jdk8u-dev](#) or reject altogether. Outstanding approvals for critical fixes can be monitored [here](#). If, and only if, the fix gets approved with [jdk8u-critical-yes](#), it may be pushed to the [jdk8u](#) repository. Approved critical fixes show up in this [JBS filter](#) (login required).

At the end of the month prior to the release month, the [jdk8u](#) 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 [jdk8u](#) repository and source bundles made available.

### Repository Status

[jdk8u-dev](#): Open for development of 8u242. Pushes after [jdk8u-fix-yes](#) approval. Check [here](#) for clearance.

[jdk8u](#): Open for rampdown of 8u232. Pushes after [jdk8u-critical-yes](#) approval. Check [here](#) for clearance.

### Timelines

OpenJDK 8u232

- Tuesday, June 11th 2019: [jdk8u-dev](#) forest open (tag: [jdk8u232-b00](#))
- Wednesday, July 24th 2019: First build promotion [jdk8u-dev->jdk8u](#) (tag: [jdk8u232-b01](#))

- Wednesday, July 31st 2019: Second build promotion jdk8u-devjdk8u (tag: jdk8u232-b02)
- Wednesday, August 7th 2019: Third build promotion jdk8u-devjdk8u (tag: jdk8u232-b03)
- Wednesday, August 14th 2019: Fourth build promotion jdk8u-devjdk8u (tag: jdk8u232-b04)
- Wednesday, August 21st 2019: No build promotion due to lack of changes
- Wednesday, August 28th 2019: Final build promotion jdk8u-devjdk8u (tag: jdk8u232-b05) & start of Rampdown phase
- Wednesday, September 4th 2019: No build promotion due to lack of changes during rampdown initiation
- Wednesday, September 11th 2019: First jdk8u build promotion (tag: jdk8u232-b06)
- Wednesday, September 18th 2019: Second jdk8u build promotion (tag: jdk8u232-b07)
- Wednesday, September 25th 2019: Last tag before code freeze (tag: jdk8u232-b08)
- Tuesday, October 15th 2019: GA; OpenJDK 8u232 released (tag: jdk8u232-ga, likely to be jdk8u232-b09)

OpenJDK 8u242 (preliminary)

- Thursday, September 5th 2019: jdk8u-dev forest open (tag: jdk8u242-b00)
- Wednesday, November 27 2019: Rampdown; last merge from jdk8u-dev to jdk8u
- Wednesday, December 25 2019: Last tag before code freeze
- Tuesday, January 14 2020: GA; OpenJDK 8u242 released (tag: jdk8u242-ga)

OpenJDK 8u252

- Thursday, November 28th 2019: jdk8u-dev forest open (tag: jdk8u252-b00)

## Releases

Latest: 8u222

- 8u222-b10 (GA), July 16th 2019 [\[Release\]](#) [\[Tag\]](#) [\[Binaries\]](#) [\[Missing changes vs 8u222 of Oracle\]](#) (JBS Login required) [\[Additional changes vs 8u222 of Oracle\]](#) (JBS Login required)

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

## 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

[\[Critical requests\]](#) [\[Approved critical requests\]](#) [\[Approved critical requests without push\]](#) [\[Unapproved critical requests\]](#)

### Filters for Release 8u232

[\[Open Downports Oracle -> OpenJDK\]](#) [\[Additional commits in OpenJDK vs Oracle\]](#)

### Filters for Release 8u242

[\[Open Downports Oracle -> OpenJDK\]](#) [\[Additional commits in OpenJDK vs Oracle\]](#)

## Source code

The jdk8u-dev forest for ongoing development can be cloned using this command: `hg clone http://hg.openjdk.java.net/jdk8u/jdk8u-dev;cd jdk8u-dev;sh get_source.sh`

The corresponding master forest jdk8u can be cloned using this command: `hg clone http://hg.openjdk.java.net/jdk8u/jdk8u;cd jdk8u;sh get_source.sh`

## Recent space activity



**Andrew Hughes**

Main updated Aug 02, 2019 • [view change](#)



**Christoph Langer**

Main updated Jul 12, 2019 • [view change](#)

**Andrew Haley**

## Space contributors

- [Andrew Hughes](#) (51 days ago)
- [Christoph Langer](#) (66 days ago)
- [Aleksey Shipilev](#) (117 days ago)
- [Andrew Haley](#) (117 days ago)
- [Sean Coffey](#) (232 days ago)
- ...



[Main](#) updated May 28, 2019 • [view change](#)



**Andrew Hughes**

[Detailed Process Description](#) updated May 21, 2019 • [view change](#)



**Christoph Langer**

[Detailed Process Description](#) updated Apr 24, 2019 • [view change](#)