

The s390 aka system z port of OpenJdk

The goal of this project is to provide a full-featured and certifiable Linux/s390x port of OpenJDK in the main OpenJDK development branch.

Ongoing work

IBM is maintaining the port in `jdk/jdk`, `jdk17`, `jdk11u` and further new releases.

Contributions

Contributions to the port are always welcome. We maintain some issues in the OpenJDK Jira, feel free to address any of these:

[Proposed enhancements](#)

[Bugs and all other issues](#)

Supported features

The table lists in which JDK version the support for the feature was added.

	linux
template interpreter	9
C2 compiler	9
C1 compiler	9
Servicability agent	9
Class Data Sharing	11
Java Flight Recorder	11
Epsilon GC	11
JVMCI / graal	no
ZGC / Shenandoah	no
recognizes z14 and z15 processors	17
loom	no
panama	no

Status

SAP terminates its efforts for the s390 platform after release of 17 and update 11.0.12.

In [2021](#) (status of April), JDK 16 as well as the security updates for 11, 15 and 16 have been released. Support of the new processors z14 and z15 has been implemented.

In [2020](#), JDK 14 and 15 have been released as well as the security updates for 11, 13, 14 and 15. A row of bugs have been fixed. GHASH intrinsics were implemented.

SAP does not actively maintain the port in the long-term-support releases of JDK 13 and 15.

In [2019](#), JDK 12 and 13 have been released, as well as the security updates for 11, 12 and 13.

In [2018](#), JDK 10 and **JDK 11** have been **released** for `linuxs390x`. Since JDK 11 **Class Data Sharing and Java Flight Recorder are supported**. Many issues have been fixed.

In [2017](#) JDK 9 has been released for `linuxs390x`.

In [November 2016](#) the port has been integrated into the `jdk9/hs` repository. It passes the `jtreg` and `jck` test suites in a similar scope as other platforms.

Resources

- [s390x Port Project](#)
- [Repository](#)
- Mailing list: [s390x-port-dev](#)

Recent space activity



Goetz Lindenmaier

The s390 aka system z port of OpenJdk updated Jan 11, 2023 [view change](#)

JDK 9 and the s390x port updated Jan 14, 2019 [view change](#)



Iris Clark

The s390 aka system z port of OpenJdk updated Jun 15, 2016 [view change](#)

Space contributors

- [Goetz Lindenmaier](#) (253 days ago)
- [Iris Clark](#) (2654 days ago)