Java version support

> **Changing JVM version**
>
> For information on how to change the JVM version, please see How to change JVM version

In the following table, please find the recommendations for the appropriate Java version for 2024x.

Product	Version	Recommended and included in installation files**
• MagicDraw • Cameo Systems Modeler • Cameo Enterprise Architecture • Magic Software Architect • Magic Cyber Systems Engineer • Magic Systems of Systems Architect	2024x	**OpenJDK 17.0.8+7*** (for all OS***)
• Teamwork Cloud	2024x	**OpenJDK 17.0.8+7*** Cassandra 4.1.x requires **JDK 11** (either Oracle or Open JDK).
• Cameo Collaborator for Teamwork Cloud • Web Application Platform • Resources • TWCloud Admin Console NG	2024x	**OpenJDK 17.0.8**

***OpenJDK**. Based on the testing results, we recommend using Eclipse Temurin™ by ADOPTIUM.

> OpenJ9 should not be used; instead, the HotSpot distribution should be utilized. For more information, see "Help Me Choose" tips at https://adoptopenjdk.net/.

**Java is included only in installation files for Windows and macOS. Linux installation files do not have built-in Java.

*** You should choose Java native to the macOS architecture (ARM or x86) in use.

See the JVM recommendations for versions up to 19.0 SP1.

See Zip exceptions thrown after Java version upgrade to 11.0.20+ or 17.0.8+.

Java version support for earlier versions

- Java version support for 2024x
- Java version support for 2022x Refresh2
- Java version support for 2022x Refresh1
- Java version support for 2022x
- Java version support for 2021x Refresh2
- Java version support for 2021x Refresh1
- Java version support for 2021x
- Java version support for 19.0 SP4
- Java version support for 19.0 SP3
- Java version support for 19.0 SP2
- JVM recommendations for versions up to 19.0 SP1
- How to change JVM version