

# Java version support for 19.0 SP3



## Changing JVM version

For the 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 19.0 SP3.

Product	Version	Recommended	Alternative	Included into installation files
<ul style="list-style-type: none"><li>• MagicDraw</li><li>• Cameo Systems Modeler</li><li>• Cameo Enterprise Architecture</li><li>• Magic Software Architect</li><li>• Magic Cyber Systems Engineer</li><li>• Magic Systems of Systems Architect</li></ul>	19.0 SP3	<b>Oracle JDK 8</b> <ul style="list-style-type: none"><li>• Windows, Linux: Oracle JDK 1.8.0_202</li><li>• Mac: Oracle JDK 1.8.0_102</li></ul>	OpenJDK 8 (1.8.0_222)	<b>Oracle JDK 8</b> <ul style="list-style-type: none"><li>• Windows: Oracle JDK 1.8.0_202</li><li>• Mac: Oracle JDK 1.8.0_102</li></ul>
<ul style="list-style-type: none"><li>• Teamwork Cloud</li><li>• Teamwork Server</li></ul>	19.0 SP3	<b>Oracle JDK 8</b> <ul style="list-style-type: none"><li>• Windows, Linux: Oracle JDK 1.8.0_202</li><li>• Mac: Oracle JDK 1.8.0_102</li></ul>	OpenJDK 8 (1.8.0_222)	<b>Oracle JDK 8</b> <ul style="list-style-type: none"><li>• Windows: Oracle JDK 1.8.0_202</li><li>• Mac: Oracle JDK 1.8.0_102</li></ul>
<ul style="list-style-type: none"><li>• Cameo Collaborator for Teamwork Cloud</li><li>• Web Application Platform</li><li>• Resources</li><li>• TWC Admin Console NG</li></ul>	19.0 SP3	<b>OpenJDK 12</b>	<ul style="list-style-type: none"><li>• Oracle JDK 12</li><li>• Oracle JDK 13</li><li>• OpenJDK13</li></ul>	<b>OpenJDK 12</b>
<ul style="list-style-type: none"><li>• Cameo Collaborator for Alfresco</li></ul>	19.0 SP3	<b>Oracle JDK 8</b> <ul style="list-style-type: none"><li>• Windows, Linux: Oracle JDK 1.8.0_202</li><li>• Mac: Oracle JDK 1.8.0_102</li></ul>	Oracle JDK 7	Oracle JDK 7



Starting with 19.0 SP2, all the modeling tools, plugins, and collaboration tools were tested with OpenJDK\* as an alternative to Oracle JDK.

\***OpenJDK**. Based on the testing results, we recommend using OpenJDK HotSpot by AdoptJdk.

See the [JVM recommendations for versions up to 19.0 SP1](#).