

# Archived Performance (Copy)

This is a known Java bug. This issue is fixed in MagicDraw 18.4. If you are using MagicDraw 18.3 and earlier versions, you can use [the recommended Java version](#) that comes with installation.

Once you have installed the recommended Java version, do the following:

1. Open the bin folder <MD install directory>\bin.
2. Open the file *magicdraw.properties*.
3. Look for the line "JAVA\_HOME=" and change the Java version with the one you have installed.

This is a [known](#) Java bug. This issue is fixed in MagicDraw 18.3, but in the meantime you can upgrade to the [recommended Java version](#).

After installation, open <MagicDraw installation directory>\bin, and modify the *magicdraw.properties*\* file.

Change line *JAVA\_HOME=* to correspond with the Java version you've installed.

\* If you are using MagicDraw 17.0.4 or earlier, the properties file is called *mduml.properties*.

Try to start MagicDraw without direct draw, and edit JAVA\_ARGS the line in the MagicDrawUML/bin/mduml.properties\* file by adding -Dsun.java2d.nodraw=true.

The line should look like: JAVA\_ARGS=-Xmx600M -XX\:\PermSize\=40M -XX\:\MaxPermSize\=200M -Dsun.java2d.nodraw=true.

\* If you are using MagicDraw 17.0.5 or later, the name of the property file is *magicdraw.properties*.

If you are running the Sun's JVM, set the following java properties in your mduml.properties\* file: to the line JAVA\_ARGS=-Xmx600M, append the string -Xss[stack size]

For example:

JAVA\_ARGS=-Xmx600M -Xss2M

This sets java stack size to 2 megabytes.

\* If you are using MagicDraw 17.0.5 or later, the name of the property file is *magicdraw.properties*.

MagicDraw stops responding due to an issue detected in Java SE 7 Update 40, which is bundled with MagicDraw 17.0.5 (for the issue details, go to <https://bugs.openjdk.java.net/browse/JDK-8025588>).

This issue will be fixed in **MagicDraw 17.0.5 SP1**, coming out in the middle of February.

To solve the issue manually (without the SP), switch the version of the bundled Java to SE 7 Update 25\*, which does not cause the issue. For this, do the following:

1. Open the *magicdraw.properties* file, stored in <MagicDraw installation directory>/bin.
2. Find the JAVA\_HOME property and add the path to the location of Java SE 7 Update 25 on your PC. For example, "JAVA\_HOME=/Library/Java/JavaVirtualMachines/jdk1.7.0\_25.jdk/Contents/Home".

Please contact our customer support, if this does not help.

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\* If you do not have Java SE 7 Update 25 installed on your PC, download the installer from the [Java SE 7 Downloads](#) page. You need the *jdk-7u25-macosx-x64.dmg* file.