Archived Java Virtual Machine (JVM)

In order to install Java 1.5 on Mac OS X 10.6 Snow Leopard, please follow these steps.

Execute the following commands in the terminal:

1. Get the java 5 that was included in 10.5 "leopard" and unpack:

cd /tmp/

curl -o java.1.5.0-leopard.tar.gz

http://www.cs.washington.edu/homes/isdal/snow_leopard_workarou nd/java.1.5.0-leopard.tar.gz.

tar -xvzf java.1.5.0-leopard.tar.gz

2. Move it to your System java folder (password needed):

sudo mv 1.5.0 /System/Library/Frameworks/JavaVM.framework/Versions/1.5.0-leopard

3. Tell OS X that java 5 actually is java 5:

cd /System/Library/Frameworks/JavaVM.framework/Versions/

sudo rm 1.5.0

sudo ln -s 1.5.0-leopard 1.5.0

sudo rm 1.5

sudo ln -s 1.5.0 1.5

After these commands, Java 1.5 will be installed. You can check Java 1.5 on Java Preferences dialog (open "/Applications/Utilities/Java Preferences.app")

Change the properties to use Java 1.5 32-bit on MagicDraw. Open file "mduml.properties"*, which is located in /bin and change path in line JAVA_HOME=.

The line should look like:

JAVA_HOME=/System/Library/Frameworks/JavaVM.framework/Versions/1.5/Home

* If you are using MagicDraw 17.0.5 or later, the name of the property file is magicdraw.properties.
The problems are usually related with opening/creating projects. The recommendation is to use JVM 1.5 for MagicDraw v14.0 and previous.
MagicDraw needs Java to be supported. Java 1.6 is available on the 64-bit Intel-based Macs only. Non-Intel-based PowerPC does not support Java 1.6 and later.

The latest MagicDraw version which can support Java 1.5 is MagicDraw v16.6.
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.

--
* 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.