Java and Eclipse Installation

Installation Guide on Mac

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JAVA INSTALLATION STEPS FOR MAC OS

Pre-requisites:

» Platform(s): Macintosh OS X

» Java version(s): 7.0

Mac OS X System Requirements for Oracle Java 7

- » Intel-based Mac running Mac OS X version 10.7.3 and above
- » Administrator privileges
- » A 64-bit browser (examples; Safari, Firefox)
- » 32-bit browsers such as Chrome do not support Java 7 on the
- » Mac platform

The screen shots and instructions below are for Java 7 Update 6 (7u6). If you are installing another version, make sure you change the version number appropriately.

Example: For Java version 7 update 7 (7u7) the file to download is jre-7u7-macosx-x64.dmg.

To install Java on Mac please follow these steps:

Step 1: Download the jre-7u6-macosx-x64.dmg file

Link: http://www.oracle.com/technetwork/java/javase/downloads/jdk7-downloads-

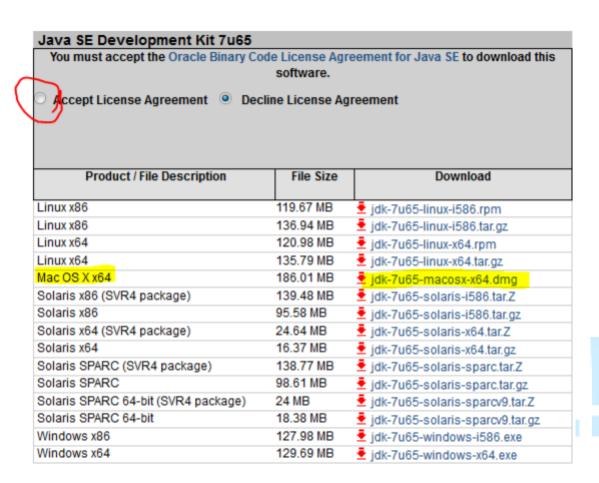
1880260.html

(OR)

You can download the same from below link.

Link: https://edureka.wistia.com/medias/y2rav63npv

Review and agree to the terms of the license agreement before downloading the file.



Step 2: Double-click the .dmg file to launch it

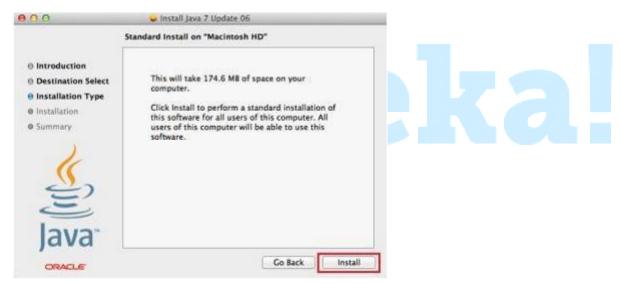
Step 3: Double-click on the package icon to launch install Wizard



Step 4: The Install Wizard displays the Welcome to Java 7 installation screen. Click Continue



Step 5: On Standard Install on Macintosh HD, Click the Install button



Step 6: After the installation has completed, a confirmation screen appears. Click Close to finish the installation process.



Setting the Java path on Mac after Installing JAVA.

Note: On MAC java will be mostly installed in the path

JAVA HOME=/System/Library/Java/JavaVirtualMachines/1.6.0.jdk/Contents/Home

You can set the path in .bashrc file.

Command: sudo vi .bashrc

And add these lines in .bashrc export

JAVA_HOME="/System/Library/Java/JavaVirtualMachines/1.7.0.jdk/Contents/Home"

Check Java installation with javac command

```
Kapil-Brain4ce:~ admin$ javac
Usage: javac <options> <source files>
where possible options include:
                             Generate all debugging info
                             Generate no debugging info
  -g:none
  -g:{lines,vars,source}
                             Generate only some debugging info
  -nowarn
                             Generate no warnings
  -verbose
                             Output messages about what the compiler is doing
  -deprecation
                             Output source locations where deprecated APIs are u
sed
                             Specify where to find user class files and annotati
  -classpath <path>
on processors
  -cp <path>
                             Specify where to find user class files and annotati
on processors
                             Specify where to find input source files
  -sourcepath <path>
  -bootclasspath <path>
                             Override location of bootstrap class files
                             Override location of installed extensions
  -extdirs <dirs>
  -endorseddirs <dirs>
                             Override location of endorsed standards path
  -proc:{none,only}
                             Control whether annotation processing and/or compil
ation is done.
  -processor <class1>[,<class2>,<class3>...]Names of the annotation processors t
```

Congratulations! Now Java is configured in Mac successfully.

Installing Eclipse

Go to: http://www.eclipse.org/downloads

Choose your OS to Mac and download it.

