

Java and Eclipse Installation

Installation Guide on Mac

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Installation Guide

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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.

Java SE Development Kit 7u65

You must accept the [Oracle Binary Code License Agreement for Java SE](#) to download this software.

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Product / File Description	File Size	Download
Linux x86	119.67 MB	jdk-7u65-linux-i586.rpm
Linux x86	136.94 MB	jdk-7u65-linux-i586.tar.gz
Linux x64	120.98 MB	jdk-7u65-linux-x64.rpm
Linux x64	135.79 MB	jdk-7u65-linux-x64.tar.gz
Mac OS X x64	186.01 MB	jdk-7u65-macosx-x64.dmg
Solaris x86 (SVR4 package)	139.48 MB	jdk-7u65-solaris-i586.tar.Z
Solaris x86	95.58 MB	jdk-7u65-solaris-i586.tar.gz
Solaris x64 (SVR4 package)	24.64 MB	jdk-7u65-solaris-x64.tar.Z
Solaris x64	16.37 MB	jdk-7u65-solaris-x64.tar.gz
Solaris SPARC (SVR4 package)	138.77 MB	jdk-7u65-solaris-sparc.tar.Z
Solaris SPARC	98.61 MB	jdk-7u65-solaris-sparc.tar.gz
Solaris SPARC 64-bit (SVR4 package)	24 MB	jdk-7u65-solaris-sparcv9.tar.Z
Solaris SPARC 64-bit	18.38 MB	jdk-7u65-solaris-sparcv9.tar.gz
Windows x86	127.98 MB	jdk-7u65-windows-i586.exe
Windows x64	129.69 MB	jdk-7u65-windows-x64.exe

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:
  -g                      Generate all debugging info
  -g:none                 Generate no debugging info
  -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 used
  -classpath <path>       Specify where to find user class files and annotations
  -cp <path>              Specify where to find user class files and annotations
  -sourcepath <path>      Specify where to find input source files
  -bootclasspath <path>   Override location of bootstrap class files
  -extdirs <dirs>         Override location of installed extensions
  -endorseddirs <dirs>    Override location of endorsed standards path
  -proc:{none,only}       Control whether annotation processing and/or compilation is done.
  -processor <class1>[,<class2>,<class3>...] Names of the annotation processors to use
```

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.

Eclipse Luna (4.4) Release for

Mac OS X (Cocoa) ▼

Mac OS X users please note: Eclipse requires Mac OS X 10.5 (Leopard) or greater.



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Mac OS X 32 Bit
Mac OS X 64 Bit

Standard Eclipse package suited for Java and plug-in development plus adding new plugins; already includes Git, Marketplace Client, source code and...

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Mac OS X 64 Bit

Tools for Java developers creating Java EE and Web applications, including a Java IDE, tools for Java EE, JPA, JSF, Mylyn...

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