

Installing JDK

1. Check to see if you have JDK already

- Open a terminal* and type:

```
> javac
```

- If you get a message telling you that javac cannot be found, recognized, located etc... it means that you don't have it and you need to go to step 2
- If you get the following response:

```
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 annotation processors
  -cp <path>               Specify where to find user class files and annotation processors
  -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 run
  -processorpath <path>    Specify where to find annotation processors
  -d <directory>           Specify where to place generated class files
  -s <directory>           Specify where to place generated source files
  -implicit:{none,class}   Specify whether or not to generate class files for implicitly referenced
files
  -encoding <encoding>     Specify character encoding used by source files
  -source <release>         Provide source compatibility with specified release
  -target <release>        Generate class files for specific VM version
  -version                 Version information
  -help                    Print a synopsis of standard options
  -Akey[=value]            Options to pass to annotation processors
  -X                       Print a synopsis of nonstandard options
  -J<flag>                 Pass <flag> directly to the runtime system
```

This means that you are all set.

*** To open a terminal in:**

Mac OS	Go to /Applications/Utilities and double click Terminal
Linux	<p>There are many distributions, so try one of these methods:</p> <ul style="list-style-type: none">• Press ctrl+alt+F1• Select the Applications Menu > select Accessories > select Terminal.• Right-click on the desktop and select Terminal.• If you use KDE, click on the "Konsole" icon on the desktop
Windows	Press win+R and type: "cmd" then hit enter

2. Download and install JDK

- Go to [Java for Developers](#), then click on the download button above Java Platform (JDK).
- Click on “ **Accept License Agreement**”
- Choose the link that matches your system. If you have a 32bit Windows click on the x86 version.
- Once the download is complete. Run the installation file to install the JDK.

3. Setting the path to Java (Windows Only)

- In MS Windows. Go to the folder where you installed JDK, and copy the path of the sub directory "bin". The path might look like:

C:\Program Files\Java\jdk[some_number]\bin

Or

C:\Program Files (x86)\Java\jdk[some_number]\bin

- Right click "My computer" and choose "Properties", "Advanced System Settings", "Environmental Variables" and then in "System Variables" section look for "Path", select it and click "Edit".
- DO NOT delete the current value, instead, append at the end a semicolon, and paste the path you have copied. Click "OK" and the other "OK" and you are done.

