

DevOps Certification Training

Java Installation Guide



This Java Development Kit(JDK) allows you to code and run Java programs. It's possible that you install multiple JDK versions on the same PC. But Its recommended installing Java on Windows 10 with latest version.

Following are the steps on how to install Java in Windows 10 for JDK 8 free download for 32 bit or JDK8 download for Windows 64 bit and installation.

Step 1 : Go the link : <https://www.oracle.com/java/technologies/downloads/>

Java SE 8






Java SE 8u271 is the latest release for the Java SE 8 Platform.

- Documentation
- Installation Instructions
- Release Notes
- Oracle License
 - Binary License
 - Documentation License
 - BSD License
- Java SE Licensing Information User Manual
 - Includes Third Party Licenses
- Certified System Configurations
- Readme Files
 - JDK ReadMe
 - JRE ReadMe

Oracle JDK

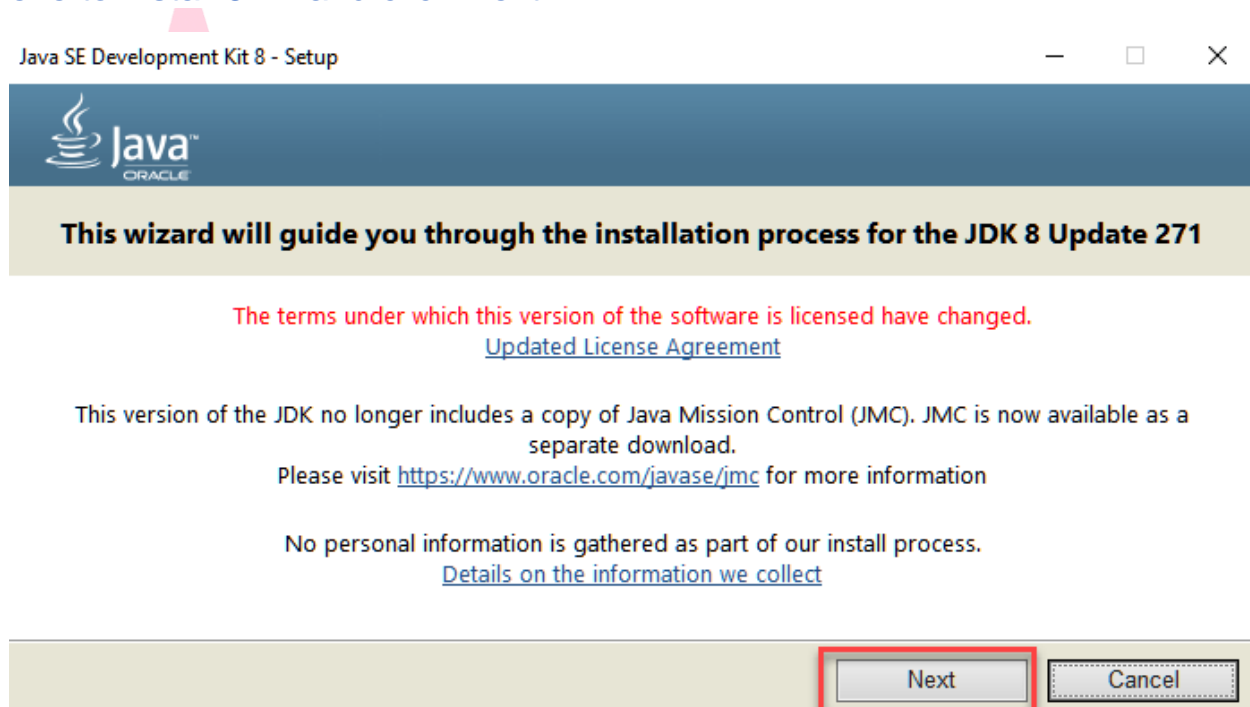
- ↓ [JDK Download](#)
- ↓ [Server JRE Download](#)
- ↓ [JRE Download](#)
- ↓ [Documentation Download](#)
- ↓ [Demos and Samples Download](#)

Step 2 : Download JDK8 for your 64 bit or 32 bit machine by accepting license Agreement.

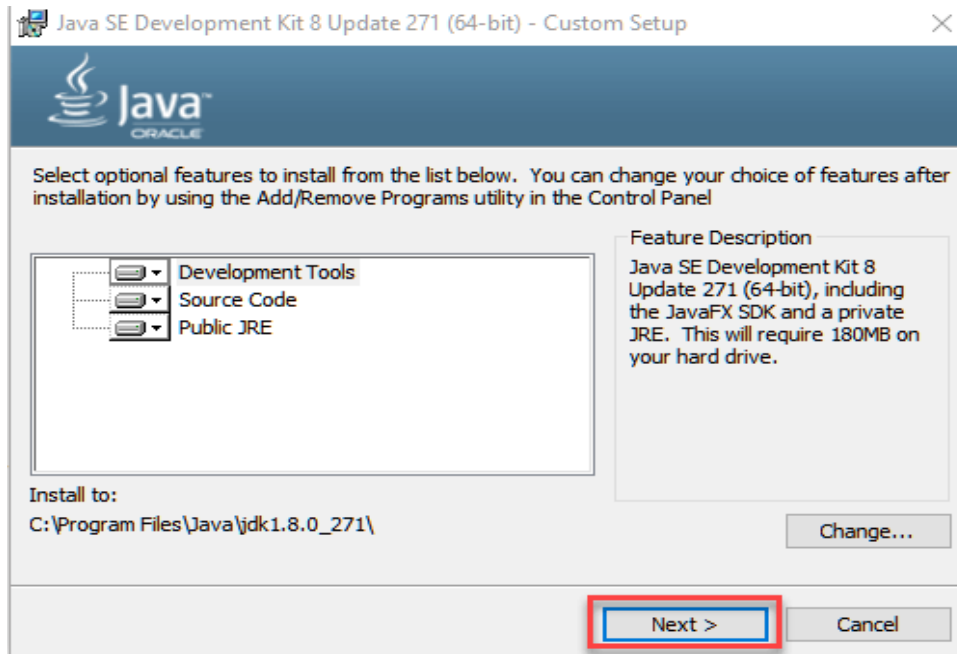
Solaris SPARC 64-bit	88.75 MB	 jdk-8u271-solaris-sparcv9.tar.gz
Solaris x64 (SVR4 package)	134.42 MB	 jdk-8u271-solaris-x64.tar.Z
Solaris x64	92.52 MB	 jdk-8u271-solaris-x64.tar.gz
Windows x86	154.48 MB	 jdk-8u271-windows-i586.exe
Windows x64	166.79 MB	 jdk-8u271-windows-x64.exe

Note : You will be required to create an Oracle Account to start Java 8 download of the file.

Step 3: Once the Java JDK8 download is complete, run the downloaded exe to install JDK and click Next.



Step 4 : Select the PATH to install Java in windows otherwise you can leave it to default and Click Next.



Note : Follow the onscreen instructions in succeeding steps to install Java 8 on Windows 10.

Step 5 : Once your installation is successful, Click on Close.



How to Setup the PATH and CLASSPATH.

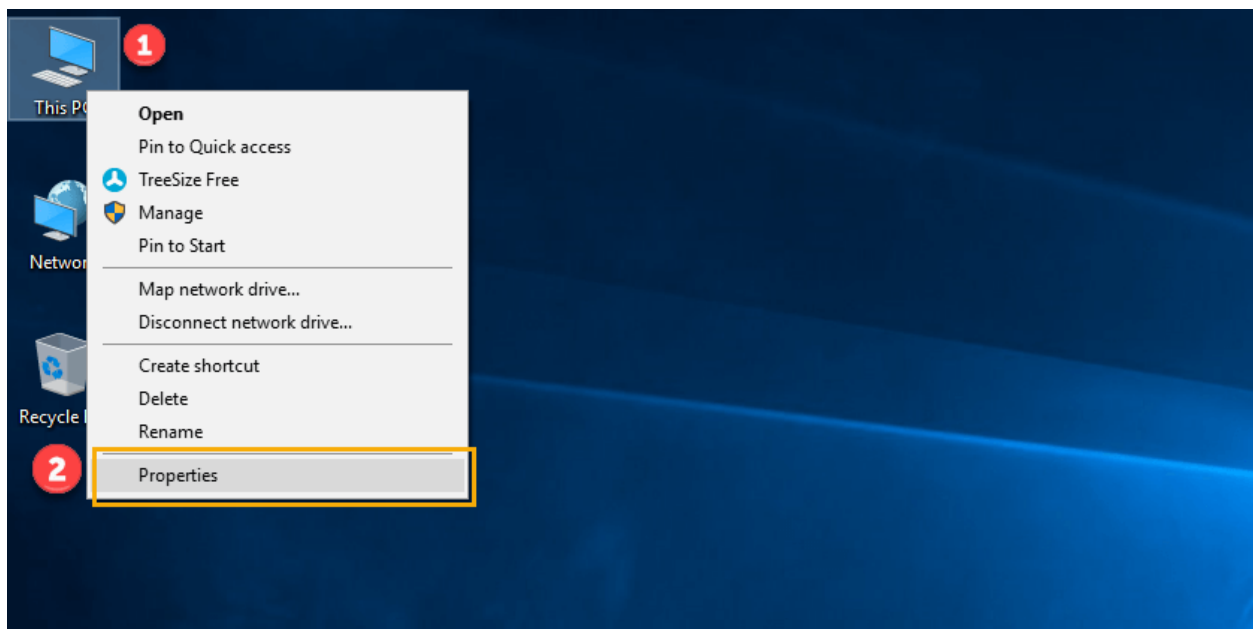
Now you are required to setup the Class Path.

The PATH variable gives the location of executables like javac, java etc. It is possible to run a program without specifying the PATH but you will need to give full path of executable like **C:\Program Files\Java\jdk1.8.0_271\bin\javac A.java** instead of simple **javac A.java**

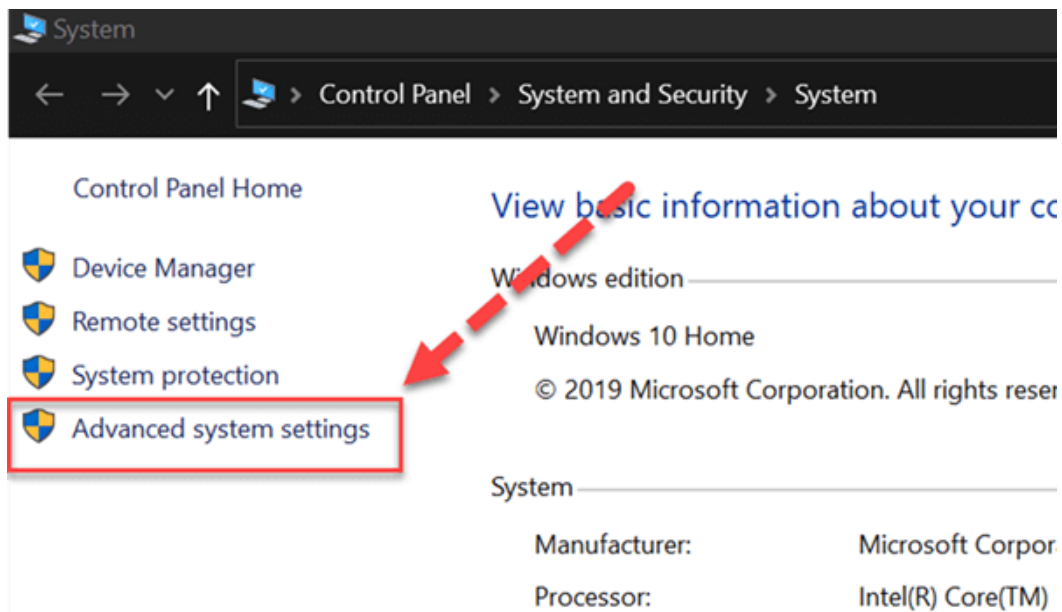
The CLASSPATH variable gives location of the Library Files.

Let's look into the steps to set the PATH and CLASSPATH

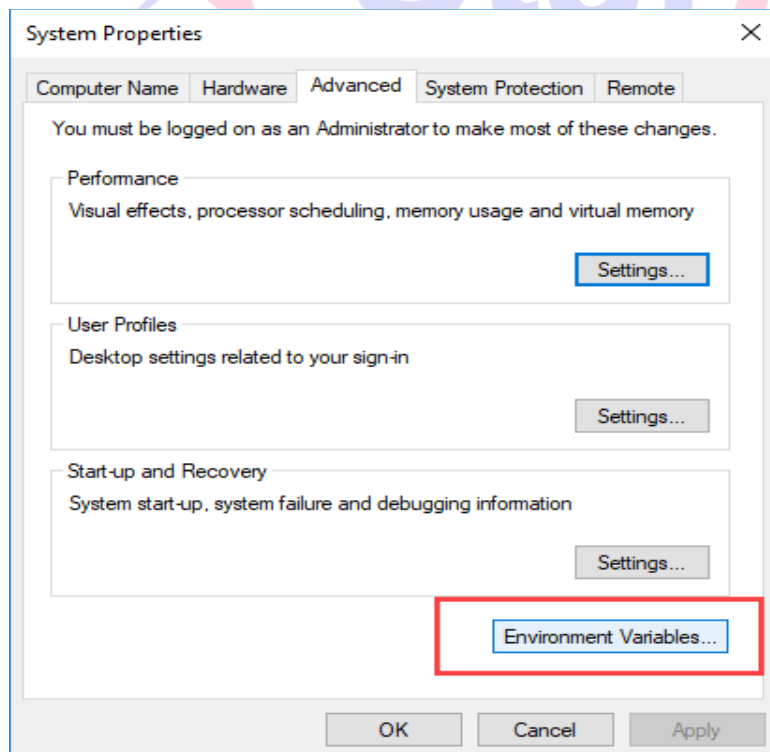
Step 6 : Right click on My Computer and Select the properties.



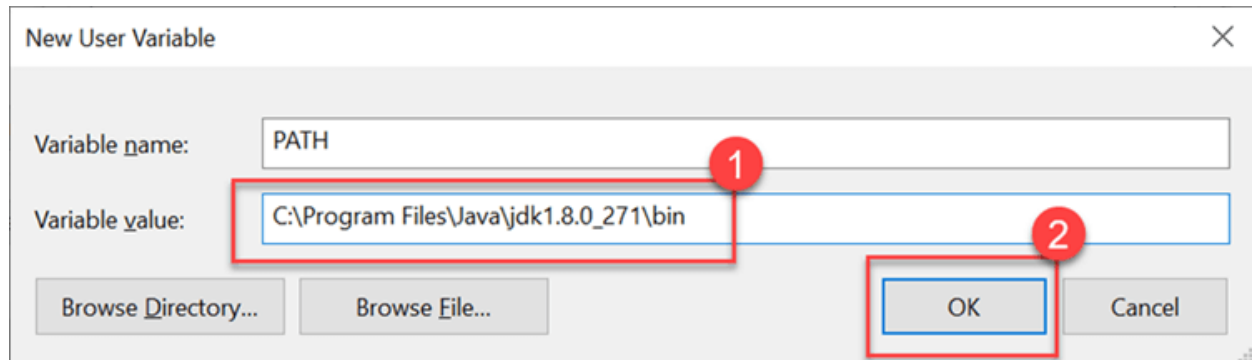
Step 7 : Click on Advance System Settings.



Step 8 : Click on Environment Variable to set up Java Runtime Environment.



Step 9 : Edit or Add the PATH variable and add the path of the bin folder and click OK.



Step 10 : Go the command prompt and type java -version to check if the installation is successful.

