

JDK and Eclipse Setup

Steps for Mac installation

Java 8 download Link: <https://www.oracle.com/java/technologies/javase-jdk8-downloads.html>

Eclipse download Link: <https://www.eclipse.org/downloads/>

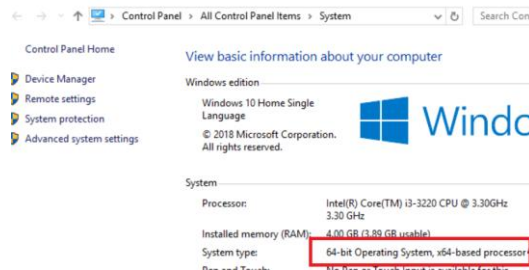
Please follow the below links for installation

https://docs.oracle.com/javase/8/docs/technotes/guides/install/mac_jdk.html

https://www.cs.dartmouth.edu/~scot/cs10/mac_install/mac_install.html

Steps for Windows installation

Step1 . Open control panel from Start Menu and Click on System Icon. Check whether you system OS is 32-bit/64-bit.



Step 2: In Control Panel , Open “Programs and Features” . If you have older versions of Java, Select and uninstall it.

Step3. Open URL <https://www.oracle.com/java/technologies/javase-jdk8-downloads.html>

Click on JDK Download as shown below based on the Sysyem Architecture and OS

A screenshot of the Oracle JDK 8 download page. It shows a table with columns for the operating system, the size of the download, and the download link. The links for 'macOS x64', 'Windows x86', and 'Windows x64' are highlighted with red boxes.

Operating System	Size	Download Link
Linux x64 Compressed Archive	185.53 MB	jdk-8u241-linux-x64.tar.gz
macOS x64	254.06 MB	jdk-8u241-macosx-x64.dmg
Solaris SPARC 64-bit (SVR4 package)	133.01 MB	jdk-8u241-solaris-sparcv9.tar.Z
Solaris SPARC 64-bit	94.24 MB	jdk-8u241-solaris-sparcv9.tar.gz
Solaris x64 (SVR4 package)	133.8 MB	jdk-8u241-solaris-x64.tar.Z
Solaris x64	92.01 MB	jdk-8u241-solaris-x64.tar.gz
Windows x86	200.86 MB	jdk-8u241-windows-i586.exe
Windows x64	210.92 MB	jdk-8u241-windows-x64.exe

Step4. In Download page Select Radio button to “Accept Licence Agreement”

Java JDK and Eclipse Installation Steps by Srinivas

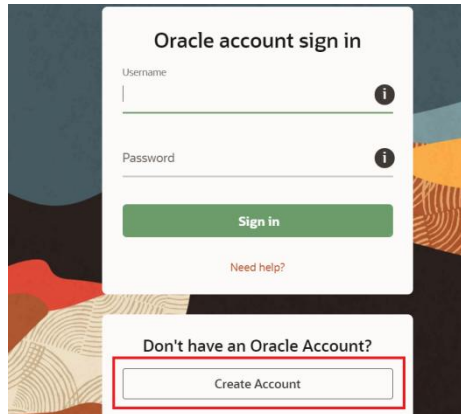
You must accept the Oracle Technology Network License Agreement for Oracle Java SE to download this software.

☒ I reviewed and accept the Oracle Technology Network License Agreement for Oracle Java SE

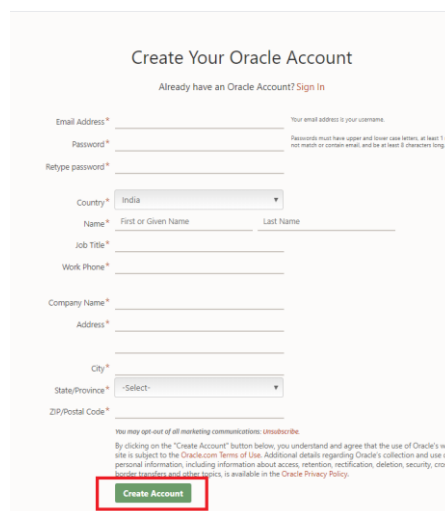
You will be redirected to the login screen in order to download the file.

Download jdk-8u241-windows-x64.exe

Step5: If you have oracle account, sign in using username and password. Else click on Create Account

The image shows the Oracle account sign-in page. It has a title "Oracle account sign in". Below it are two input fields: "Username" and "Password", each with an information icon to its right. A green "Sign in" button is below the password field. Below the button is a link "Need help?". At the bottom, there is a section titled "Don't have an Oracle Account?" with a "Create Account" button highlighted by a red rectangle.

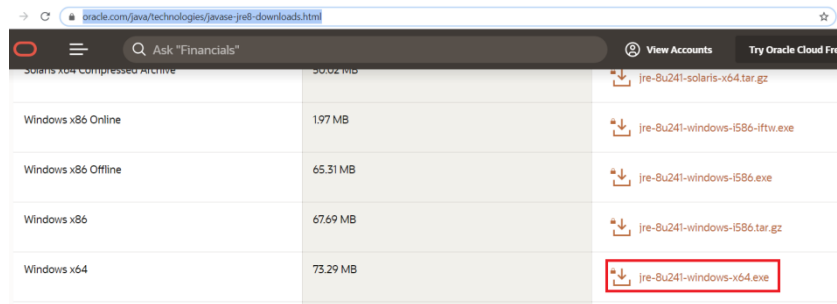
Step6: Fill all mandatory details and click on Create Account. Once your account is created, you will receive email to activate your account. Goto your mail, activate your account as per the mail you received.

The image shows the "Create Your Oracle Account" form. It has a title "Create Your Oracle Account" and a link "Already have an Oracle Account? Sign In". The form contains several fields: "Email Address*", "Password*", "Retype password*", "Country*" (a dropdown menu showing "India"), "Name*" (split into "First or Given Name" and "Last Name"), "Job Title*", "Work Phone*", "Company Name*", "Address*", "City*", "State/Province*" (a dropdown menu showing "--Select--"), and "ZIP/Postal Code*". At the bottom, there is a green "Create Account" button highlighted by a red rectangle. Below the button, there is a small disclaimer about marketing communications and a link to the Oracle.com Terms of Use.

Now you download using the new account and click on exe file. You can see Java installed successfully.

Note: If you see any issue with executable due to any reason, Try installing "JRE" which is available at <https://www.oracle.com/java/technologies/javase-jre8-downloads.html> and try rerun the JDK download.

Java JDK and Eclipse Installation Steps by Srinivas

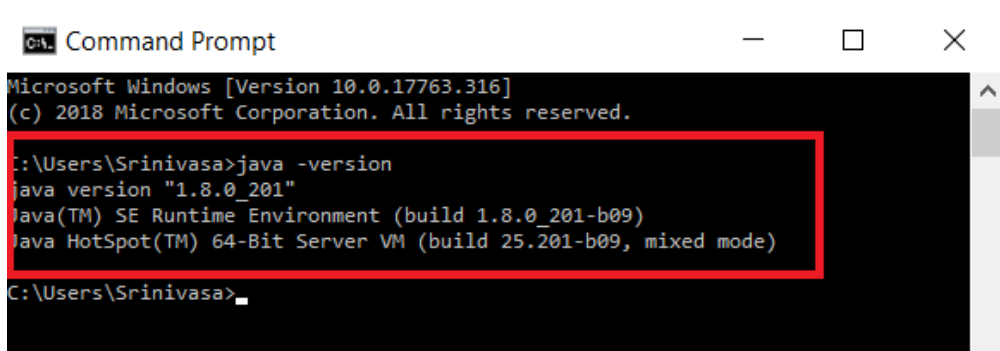


Solaris x86 Compressed Archive	50.02 MB	jre-8u241-solaris-x64.tar.gz
Windows x86 Online	1.97 MB	jre-8u241-windows-i586-iftw.exe
Windows x86 Offline	65.31 MB	jre-8u241-windows-i586.exe
Windows x86	67.69 MB	jre-8u241-windows-i586.tar.gz
Windows x64	73.29 MB	jre-8u241-windows-x64.exe

Step7: Check JDK folders in C:\ProgramFiles\Java\

Also Open command prompt and type “Java –version”

If you seeing like below, your JDK Installation is Successful

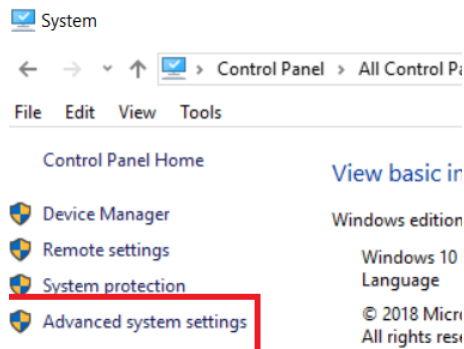


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Microsoft Windows [Version 10.0.17763.316]
(c) 2018 Microsoft Corporation. All rights reserved.

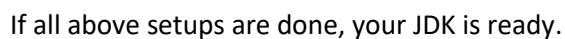
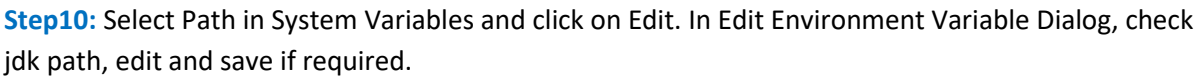
C:\Users\Srinivasa>java -version
java version "1.8.0_201"
Java(TM) SE Runtime Environment (build 1.8.0_201-b09)
Java HotSpot(TM) 64-Bit Server VM (build 25.201-b09, mixed mode)

C:\Users\Srinivasa>
```

Step8. Open Control Panel and Click on System Icon, In Sytem Dialog, Cick on “Advanced System Settings”

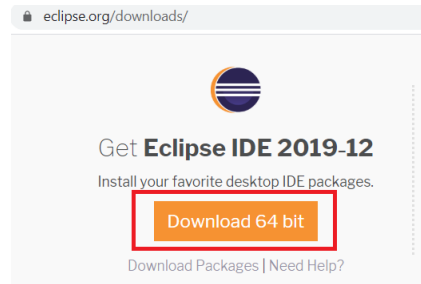


Step9. In Advaced Settings Dialog, click on “Environment Variables” In the Environemnt Variables Dialog, check JAVA_HOME of Sytem variables. Ensure it has correct JDK path, else Edit the variable and save

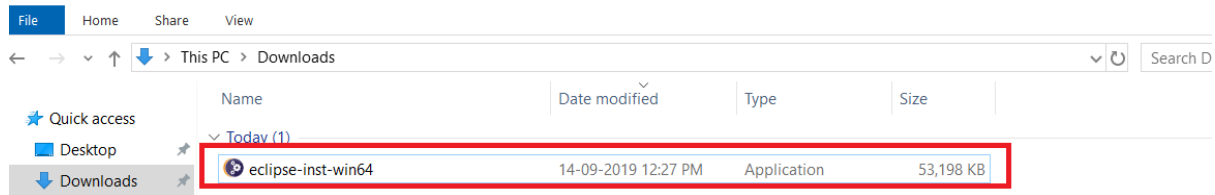


Select Eclipse version for download. Once Eclipse installer file downloads, double click on for the installation. Once installation Complete , you can find a Desktop shortcut icon for Eclipse .

Step12: Download the Eclipse by clicking on Download button



Step 13: Click on Downloaded eclipse installation file once download completed

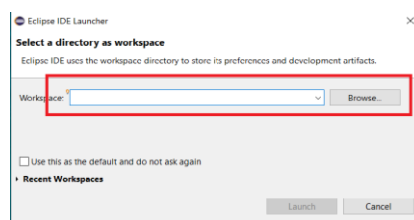


Step14. Select “Eclipse IDE for Java Developers” and continue installation with default options



Step15. Once installation completed, you can find Eclipse Icon on the Desktop and click on it.

Select appropriate folder and click on Launch button. Your Eclipse is ready to use.



*** End ***