

Set-up Environment

Note: While this instruction utilises Windows to demonstrate the installation process, it does apply to other operating systems including Mac OS and Linux.

Step 1. Install MinGW on Windows (skip this step if you use Mac OS or Linux)

FYI: “MinGW” is a Windows implementation of C compiler that will convert your C source code into executable files. For Mac OS and Linux, C compilers should have already been installed.

If you have not already installed “MinGW” for Windows, then use the other document *<Install MinGW>* on the same LMS page to install it. “MinGW” needs to be installed (or is not installed correctly) if you get the following error message: 'gcc' is not recognized as an internal or external command, operable program or batch file.

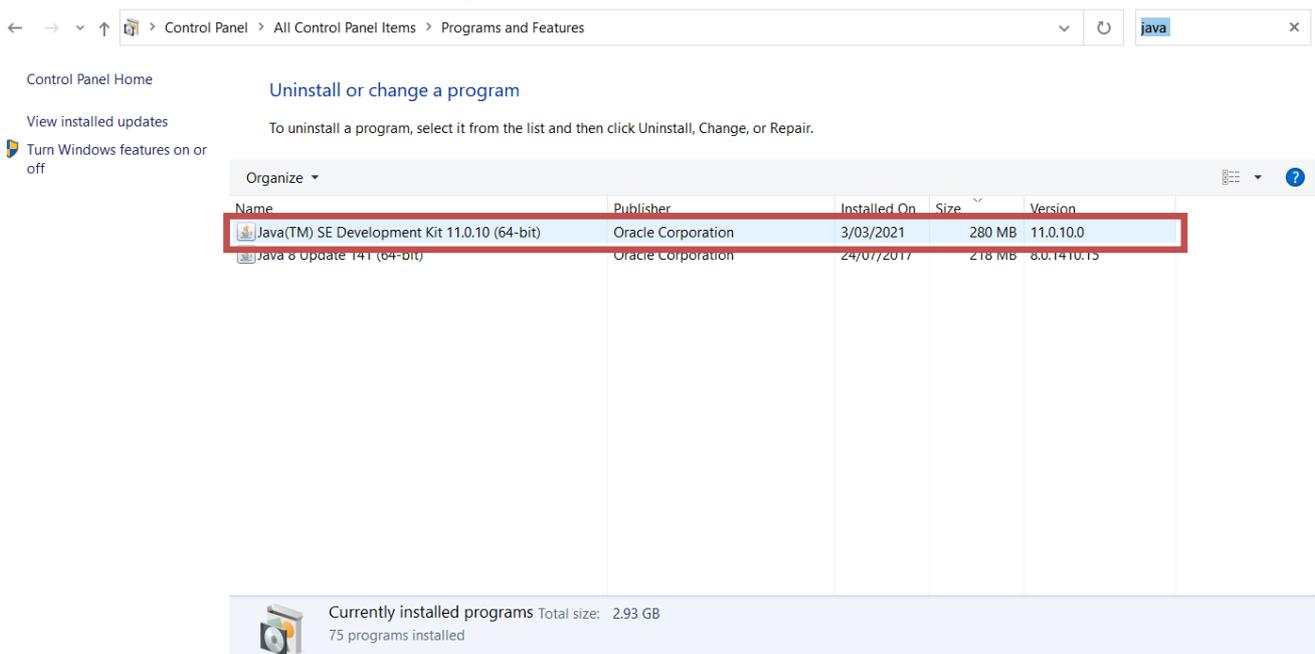
Step 2.1 Check if you have Java SE 11 (JDK) installed

FYI: You are not required to know what “JDK” stands for and what it means. Just bear in mind that it is a prerequisite to running jEdit 5.6.0.

How do I know if I have Java installed?

Windows: Select from the “Control Panel” => “Programs and Features” and check if you can find an entry called “Java(TM) SE Development Kit 11.0.10 (64-bit)” (or later).

If you see such an entry, everything is fine and you can go to **Step 3**. Otherwise, you do not have Java installed and need to go to **Step 2.2**



The screenshot shows the Windows Control Panel window titled "Control Panel > All Control Panel Items > Programs and Features". The search bar contains "java". The main content area is titled "Uninstall or change a program" and contains a table of installed programs. The table has columns for Name, Publisher, Installed On, Size, and Version. The first row, "Java(TM) SE Development Kit 11.0.10 (64-bit)", is highlighted with a red box. The second row is "Java 8 Update 141 (64-bit)".

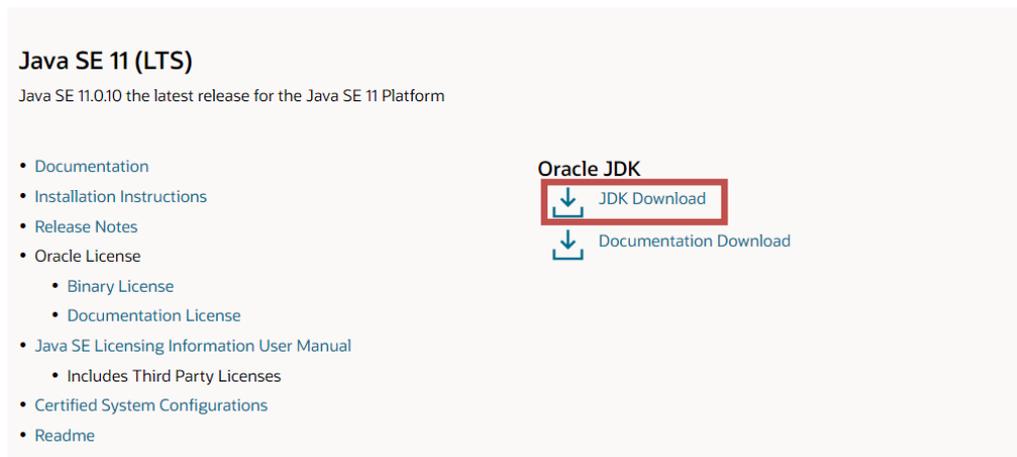
Name	Publisher	Installed On	Size	Version
Java(TM) SE Development Kit 11.0.10 (64-bit)	Oracle Corporation	3/03/2021	280 MB	11.0.10.0
Java 8 Update 141 (64-bit)	Oracle Corporation	24/07/2017	218 MB	8.0.1410.13

Currently installed programs Total size: 2.93 GB
75 programs installed

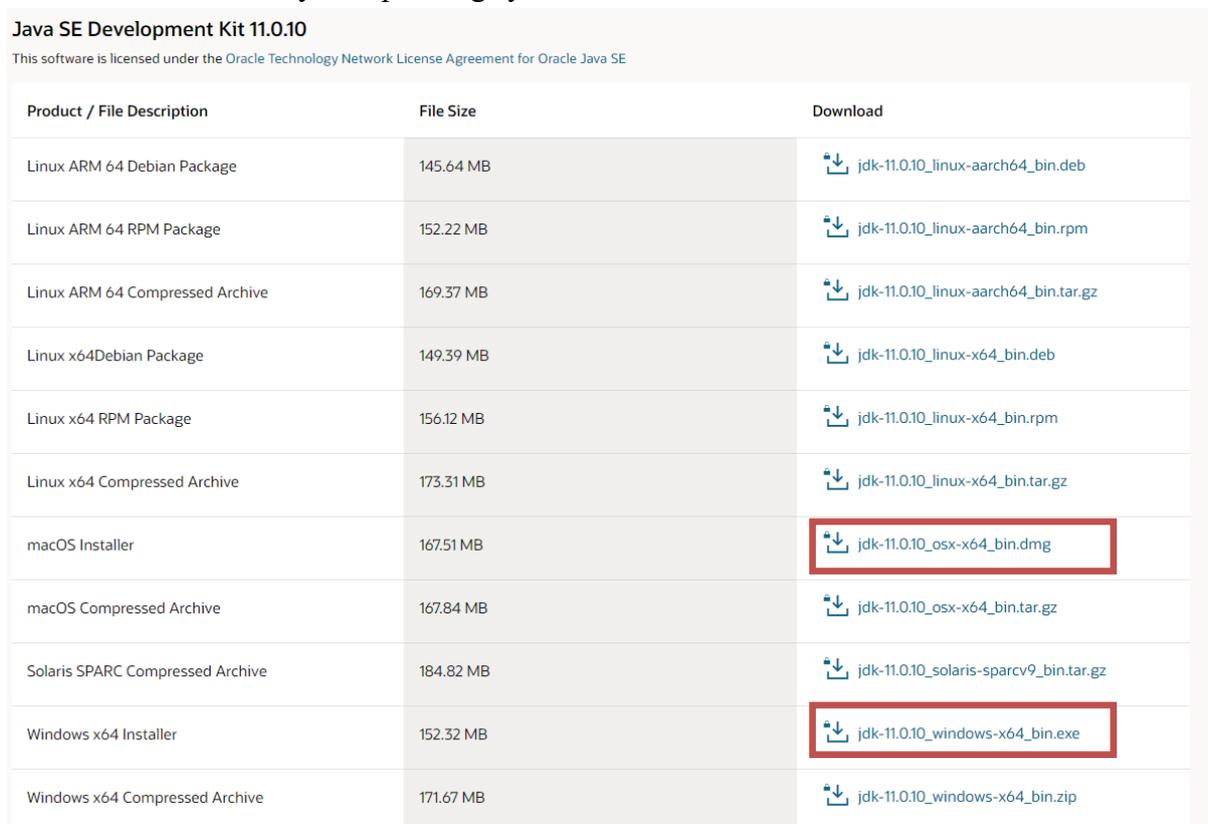
Mac OS / Linux: Open “Terminal” and type “java -version”. If you can see the line: java version “11.0.10” or later, everything is fine and you can go to **Step 3**. Otherwise, you do not have Java installed and need to go to **Step 2.2**

Step 2.2: Install Java

1. Go to <http://www.oracle.com/technetwork/java/javase/downloads/index.html>
2. Scroll down to Java SE 11 and click “JDK Download”



3. Choose the installer for your operating system.



Product / File Description	File Size	Download
Linux ARM 64 Debian Package	145.64 MB	jdk-11.0.10_linux-aarch64_bin.deb
Linux ARM 64 RPM Package	152.22 MB	jdk-11.0.10_linux-aarch64_bin.rpm
Linux ARM 64 Compressed Archive	169.37 MB	jdk-11.0.10_linux-aarch64_bin.tar.gz
Linux x64 Debian Package	149.39 MB	jdk-11.0.10_linux-x64_bin.deb
Linux x64 RPM Package	156.12 MB	jdk-11.0.10_linux-x64_bin.rpm
Linux x64 Compressed Archive	173.31 MB	jdk-11.0.10_linux-x64_bin.tar.gz
macOS Installer	167.51 MB	jdk-11.0.10_osx-x64_bin.dmg
macOS Compressed Archive	167.84 MB	jdk-11.0.10_osx-x64_bin.tar.gz
Solaris SPARC Compressed Archive	184.82 MB	jdk-11.0.10_solaris-sparcv9_bin.tar.gz
Windows x64 Installer	152.32 MB	jdk-11.0.10_windows-x64_bin.exe
Windows x64 Compressed Archive	171.67 MB	jdk-11.0.10_windows-x64_bin.zip

4. You will then be prompted to accept the Licence Agreement followed by creating an Oracle Account (free).

5. Complete the form to create your Oracle account. Be patient – the verification email can take some time to arrive in your inbox.
6. Once you have created and verified your Oracle account, you should then be able to download the Java installer.
7. Once the download is complete, launch the installer from your Downloads folder. The installation wizard should open.
8. Step through the installation wizard and install with all default options. Java SE 11 will then be installed on your computer.

Step 3. Install jEdit 5.6.0 or later

1. Go to <http://www.jedit.org/index.php?page=download>
2. Select the link for your operating system and the download should start automatically after a few seconds.
e.g., “Windows Installer (4.8 MiB)” or “OS X package (5.5 MiB)”
3. Install with all default options.
4. On a Mac, you may need to temporarily disable the security settings (to allow a program downloaded from the internet to be executed) the first time you start jEdit. The settings can be reverted once jEdit has executed once.