

CS 307

Homework 2 Installation Guide

Java and IntelliJ

Java Development Kit (JDK)

JDK is the superset of JRE. JRE enables you to run Java programs on your computer, but for development you need JDK, which contains the compilers and debuggers. If you haven't done any Java development then it is possible you don't have JDK. You can download the latest version from:

<http://www.oracle.com/technetwork/java/javase/downloads/index.html>

After clicking the download button a new page will come, where you should accept the license agreement and select the version corresponding your operating system (i.e. Linux, MacOS, Windows, etc.)

Java SE 15










Java SE 15.0.1 is the latest release for the Java SE Platform

- Documentation
- Installation Instructions
- Release Notes
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 - Binary License
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- Java SE Licensing Information User Manual
 - Includes Third Party Licenses
- Certified System Configurations
- Readme

Oracle JDK

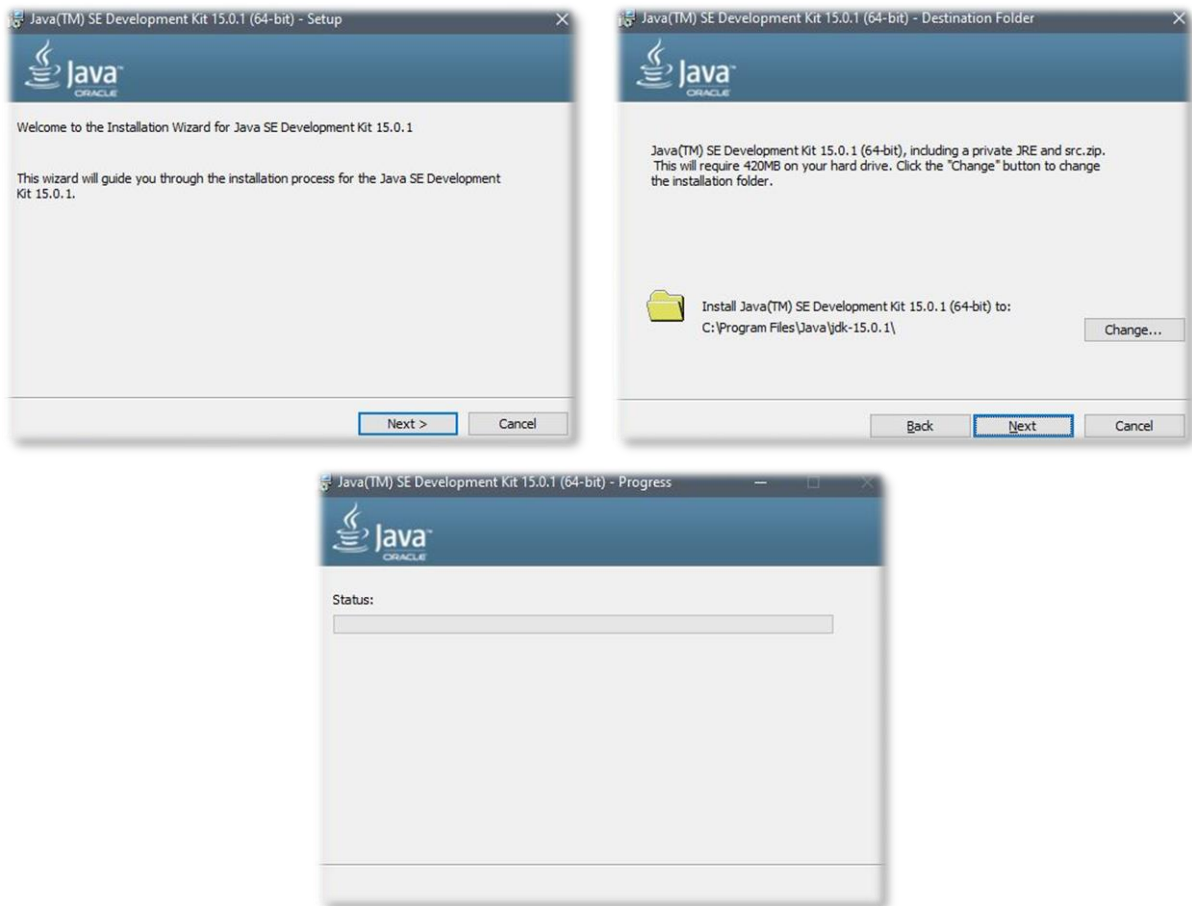
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 Documentation Download

Java SE Development Kit 15.0.1		
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Product / File Description	File Size	Download
Linux ARM 64 RPM Package	141.81 MB	 jdk-15.0.1_linux-aarch64_bin.rpm
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Linux x64 Debian Package	154.79 MB	 jdk-15.0.1_linux-x64_bin.deb
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macOS Installer	175.94 MB	 jdk-15.0.1_osx-x64_bin.dmg
macOS Compressed Archive	176.53 MB	 jdk-15.0.1_osx-x64_bin.tar.gz
Windows x64 Installer	159.69 MB	 jdk-15.0.1_windows-x64_bin.exe
Windows x64 Compressed Archive	179.27 MB	 jdk-15.0.1_windows-x64_bin.zip

Installation

The installation is straightforward and has 2 phases. First it installs JDK. Once it finishes a new window with JRE installation guide opens. You do not need to make any selections and clicking “Next” at each step will suffice.



IntelliJ IDEA

Student Account

IntelliJ IDEA belongs to a company named JetBrains, which hands out student licenses. With that license you can download the complete IDE, which is one of the best development environment for many languages.

Go to: <https://jetbrains.com/student> and enroll to the program using your sabanciuniv.edu email address. EDU mail addresses are automatically approved for a license.

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After downloading and installing the software, simply run it and follow the on-screen prompts to sign in with your JetBrains Account.



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Free, open-source

Once you reach the download page, select the correct operating system (if the system does not recognize it) and start the download. Depending on your OS the download size should be around 500-700MB.



When you are done with installation, you can drag and drop the homework file to open. If you right click, and press run it will build a solution, after that you can run with the run button at the top.

