

# How To Install Java on Windows 10



Welcome! In this tutorial we are going to learn how to download and install all you need to build Java programs. There are two main things you need: one, the Java Development Kit, a.k.a. JDK, and two: a code editor or IDE to write your code. Our IDE of choice for this tutorial is IntelliJ.



Always be careful when downloading files from the internet. Make sure the file you want is the one you are downloading and, verify that your anti-virus is running before installing the files.

# Downloading the JDK



1. Click [here](#) or scan the QR code to go to the Java Development Kit download page.
2. Once there, scroll down a bit and choose your computer's operating system by clicking on it. Your choices are Linux, macOS and Windows, so we will pick Windows for this tutorial.
3. Download the x64 file by clicking on its download link.

## Java SE Development Kit 17.0.1 downloads

Thank you for downloading this release of the Java™ Platform, Standard Edition Development Kit (JDK™). The JDK is a development environment for building applications and components using the Java programming language.

The JDK includes tools for developing and testing programs written in the Java programming language and running on the Java platform.

Linux macOS **Windows**

Product/file description	File size	Download
x64 Compressed Archive	170.66 MB	<a href="https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.zip">https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.zip</a> (sha256 <a href="#">🔗</a> )
x64 Installer	152 MB	<a href="https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.exe">https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.exe</a> (sha256 <a href="#">🔗</a> )
x64 MSI Installer	150.89 MB	<a href="https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.msi">https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.msi</a> (sha256 <a href="#">🔗</a> )

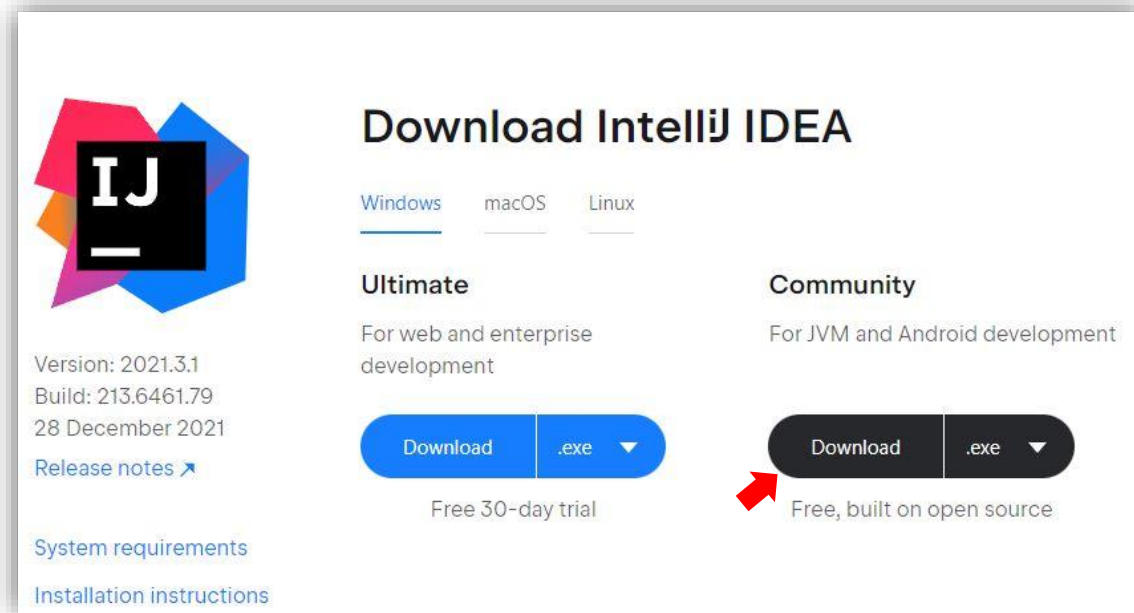
4. Once it is done downloading, open it for installation and click on "Next" through the process. Press "Close" when it is done installing.



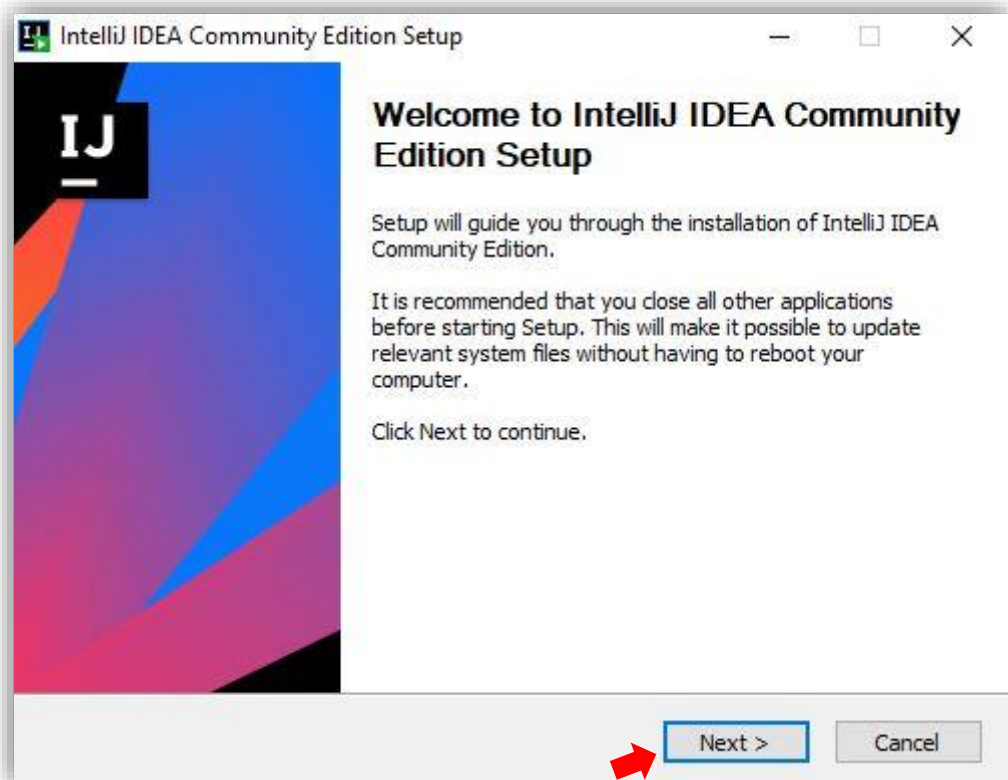
# Downloading the IDE



1. Click [here](#) or scan the QR code to go to the IntelliJ download page.
2. Download the Community edition which is free.

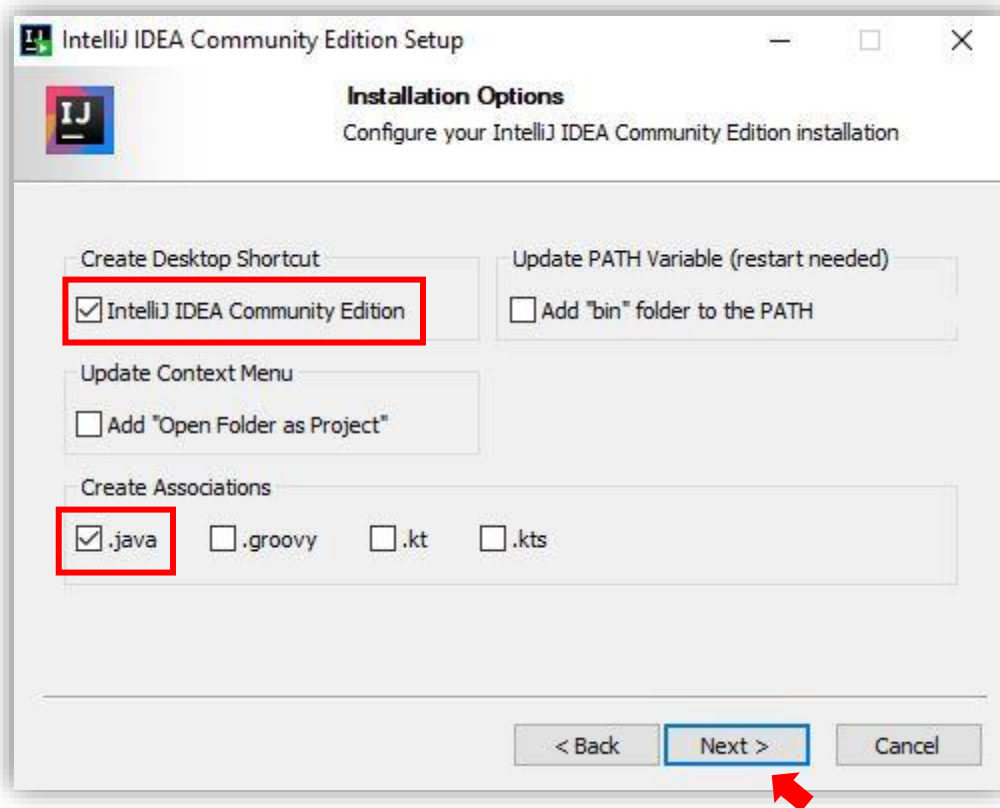


3. Once it is done downloading, open it for installation and click on "Next" through the process.

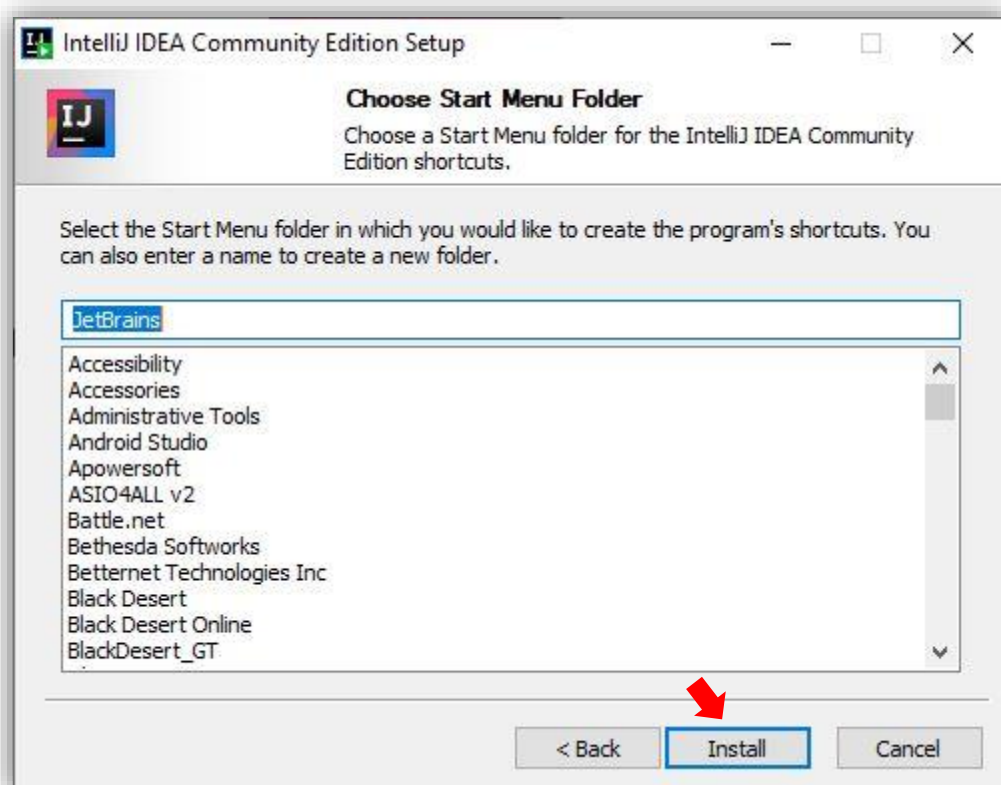




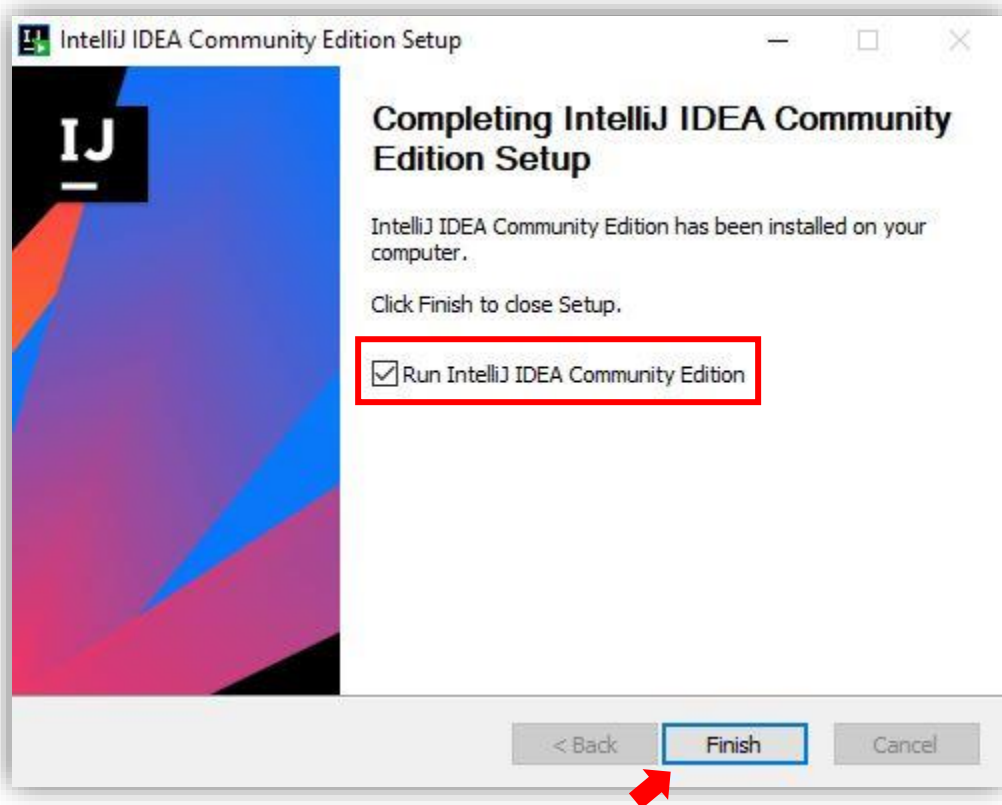
4. Check the boxes to create a desktop shortcut and the one to create a .java association. Then click on "Next"



5. Click install.



6. Once it is done installing, check the box to run it and click on “Finish”.



Congratulations!

You have successfully installed Java on your computer  
and are ready to start writing code.

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## References

Mohanan, V. (2020) *A low exposure photograph of an unsoldered Printed Circuit Board (PCB) with ENIG (Gold) finish.*

<https://unsplash.com/photos/pfR18JNEMv8>

Oracle.com *Java Downloads*

<https://www.oracle.com/java/technologies/downloads/>

jetbrains.com *Download IntelliJ IDEA*

<https://www.jetbrains.com/idea/download/#section=windows>

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