Eclipse Java 2018-12 Installation Guide - for Windows 10 Java version 11

Dante

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1 Download Eclipse

Go to https://www.eclipse.org/downloads/ Download Eclipse IDE 2018-12

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Members Working Groups Projects

Download Eclipse Technology that is right for you





Run the executable, select Eclipse IDE for Java Developers



Finish Installation

2 Install Java

Go to https://www.oracle.com/technetwork/java/javase/downloads/jdk11-downloads-5066655.html

Select Accept License Agreement, then download the .exe file. Run it

Java SE Development Kit 11.0.2					
You must accept the Oracle Technology Network License Agreement for Oracle Java SE to					
download this software.					
Product / File Description	File Size	Download			
Linux	147.26 MB	jdk-11.0.2_linux-x64_bin.deb			
Linux	153.98 MB	jdk-11.0.2_linux-x64_bin.rpm			
Linux	171.31 MB	jdk-11.0.2_linux-x64_bin.tar.gz			
macOS	166.13 MB	jdk-11.0.2_osx-x64_bin.dmg			
macOS	166.49 MB	jdk-11.0.2_osx-x64_bin.tar.gz			
Solaris SPARC	186.79 MB	jdk-11.0.2_solaris-sparcv9_bin.tar.gz			
Windows	150.95 MB	jdk-11.0.2_windows-x64_bin.exe			
Windows	170.96 MB	jdk-11.0.2_windows-x64_bin.zip			

Java should be under **Program Files**. The name of the folder should be something like **jdk-11.0.2**.



In this example, the path is C:\Program Files\Java\jdk-11.0.2

Go to Control Panel \rangle System and Security \rangle System Click on Advanced system settings



Computer Name	Hardware	Advanced	System Protection	Remote
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				Settings
			Environme	ent Variables

Select Path under System variables, then click Edit

Environment Variables

Variable	Value			
OneDrive	C:\Users\Dante\Onel	Drive		
OneDriveConsumer	C:\Users\Dante\OneDrive			
Path	C:\Users\Dante\AppData\Local\Programs\Python\Python37\Script			
TEMP	C:\Users\Dante\AppData\Local\Temp			
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Click on \mathbf{New} to create a new path, enter the path to the bin folder.

In this example, the path is

C:\Program Files\Java\jdk-11.0.2\bin

Select the path, and move it all the way up using the $\mathbf{Move}~\mathbf{Up}$ button.

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	C:\ProgramData\Oracle\Java\javapath	
	C:\Program Files (x86)\Intel\iCLS Client\	<u>B</u> rowse
	C:\Program Files\Intel\iCLS Client\	
	C:\WINDOWS\system32	<u>D</u> elete
	C:\WINDOWS	
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OK everything.

Setup Environment Path for Eclipse 3

Now open Eclipse Java 2018-12

Go to Windows \rangle Preferences \rangle Java \rangle Installed JREs

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Preferences				— 🗆 X
type filter text	Installed JREs			←>
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 $\operatorname{Click}\,\operatorname{on}\,\mathbf{Add}$



Select Standard VM, Next



Click on Directory, find the jdk folder

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 ${\bf JRE}\ {\bf name}$ should automatically appear, click finish

Preferences			_	
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? 눱 🖆 🔘		Appl	y and Close	Cancel

Check jdk-11 Make a new project. File > New > Java Project Select JavaSE-11 for Use an execution environment JRE



Go to **Project** > **Properties** > **Java Build Path** If you see (unbound), click **Edit**)



Click on **Environments**



Select JavaSE-11, and select the $\mathbf{perfect}$ \mathbf{match} that appears on the right side.

Apply everything.

4 Test Run

Under the project you created earlier, there should be a folder called src. Right click the project in Package Explorer New > package Right click the package and make a Class Insert the following code In this example, the name of the package is *testProject*, and the name of the class is *testProject*.

```
package testProject;
import java.util.*;
public class testProject {
    public static void main(String[] args) {
        System.out.println("It's working!");
    }
}
```

Click the green Play button to run the program.