Setup Java 17 and Apache NetBeans 19

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Part 1: Prepare Java 17

1) Go to the following site:

https://www.oracle.com/my/java/technologies/downloads/#java17

÷	→ C 🗎 ora	icle.com/my/java/techno	logies/downloa	ds/#java1/						
	ORACLE	Product	s Industries	Resources	Customers	Partners	Developers	Company	Q	② View Account
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	Java Do	ownloads								
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	Java downloads	Tools and resources	Java archiv	e						
			ے Look	ing for oth	er Java dov	vnloads?	OpenJDK	Early Access Builds	JRE for Co	nsumers

Java 21 and Java 17 available now

JDK 21 is	the latest lo	ong-term support release	of Java SE Platform.	Learn about Java SE Subscription
JDK 21	JDK 17	GraalVM for JDK 21	GraalVM for JDK 17	

JDK Development Kit 17.0.9 downloads

2) Click the "Windows"

Java dowr	nloads	Tools and resources	Java archive
JDK 21	JDK 17	GraalVM for JDK 21	GraalVM for JDK 17

JDK Development Kit 17.0.9 downloads

JDK 17 binaries are free to use in production and free to redistribute, at no cost, under the Oracle No-Fee Terms and Conditions (NFTC).

JDK 17 will receive updates under the NFTC, until September 2024. Subsequent JDK 17 updates will be licensed under the Java SE OTN License (OTN) and production us grants of the OTN license will require a fee.

Linux macOS Windows		
Product/file description	File size	Download
x64 Compressed Archive	172.42 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.zip (sha256)
x64 Installer	153.51 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.exe (sha256)
xó4 MSI Installer	152.30 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.msi (sha256)

3) Download the version you need



JDK 17 will receive updates under the NFTC, until September 2024. Subsequent JDK 17 updates will be licensed under the Java SE OTN License (OTN) and production us grants of the OTN license will require a fee.

Linux macOS Windows		
Product/file description	File size	Download
x64 Compressed Archive	172.42 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.zip (sha256)
x64 Installer	153.51 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.exe (sha256)
x64 MSI Installer	152.30 MB	https://download.oracle.com/java/17/latest/jdk-17_windows-x64_bin.msi (sha256)

4) Upon completion of download, locate the download file (Installer), double click to run the installer

🛃 jdk-17_windows-x64_bin.msi

5) Go next

🕞 Java(TM) SE Development Kit 17.0.9 (64-bit) - Setup	\times
Java"	
Welcome to the Installation Wizard for Java SE Development Kit 17.0.9	
This wizard will guide you through the installation process for the Java SE Development Kit 17.0.9.	
Next > Cancel	

6) Go Next

😹 Java(TM) SE Development Kit 17.0.9 (64-bit) - Destination Folder	\times
Java Java	
This will install the Java(TM) SE Development Kit 17.0.9 (64-bit), which requires 420MB on your hard drive. Click the "Change" button to change the installation folder.	
Install Java(TM) SE Development Kit 17.0.9 (64-bit) to: C:\Program Files\Java\jdk-17\ Change	
<u>B</u> ack <u>N</u> ext Cance	4

7) Wait until finished

🛃 Java(TM) SE Development Kit 17.0.9 (64-bit) - Progress	_	\times
Java Bara		
Status:		

8) Click Close

🛃 Java(TM) SE Development Kit 17.0.9 (64-bit) - Complete	\times
Java Bava	
Java(TM) SE Development Kit 17.0.9 (64-bit) Successfully Installed	
Click Next Steps to access tutorials, API documentation, developer guides, release notes and more to help you get started with the JDK.	
Close	

9) Great job! You have done the Java 11 installation.

Part 2: Prepare Apache NetBeans 19

1) Go to the following site and click Download button: https://netbeans.apache.org/

🜔 Apache NetBeans	Search the docs	Community	Participate	Ble
Latest release Apache Download	NetBeans 19			
	Apache NetBeans Fits the Pieces Together	Application Frame	work	

2) Under the download page, locate for the Netbeans installer



3) Under the linked page, select the link to start download...

# 🖓 in. 🕨	X				
Community -	Projects -	Downloads -	Learn +	Resources & Tools +	1
	HE [®] DATION 99				
We suggest the following lo	ocation for your de	ownload:			
https://dlcdn.apache.org/n	<u>etbeans/netbear</u>	<u>ns-installers/19/Apache</u>	-NetBeans-19-bi	n-windows-x64.exe	
Alternate download locatio	ns are suggested	below.			

It is essential that you verify the integrity of the downloaded file using the PGP signature (.asc file) or a hash (.md5 or

4) Upon completion of download, locate the download file (Installer), double click to run the installer

😡 Apache-NetBeans-19-bin-windows-x64.exe

5) Just accept all the default settings, click Next button

Apache NetBeans IDE Inst	taller	_		×
	Welcome to the Apache NetBeans IDE	19 Insta	aller	
	ving packs ar tall.	nd runtime	s.	
	Base IDE Java SE Java EE HTML5/JavaScript PHP			
NetBeans IDE	<u>C</u> ustomize	Installation	n Size: 935	.0 MB
		<u>N</u> ext >	Can	cel

6) Accept the agreement, then click Next button



7) Use the default settings. Click Next button

Apache NetBeans IDE Installer	_		×
Apache NetBeans IDE 19 Installation Choose the installation folder and JDK™.		tBeans	IDE
Install the Apache NetBeans IDE to:			
C:\Program Files\WetBeans-19		Browse	·
JDK™ for the Apache NetBeans IDE:			
C:\Program Files\Java\jdk-20	~	Browse	····
< <u>B</u> ack	<u>N</u> ext >	Can	cel

8) Use the default settings. Click Install button to start the installation

Apache NetBeans IDE Installer	_		×
Summary Click Install to start the installation.	NetBeans IDE		
Base IDE Installation Folder: C:\Program Files\WetBeans-19			
Check for Updates The NetBeans installer can automatically check for updates of installed plugins using your Internet connection.			
Total Installation Size: 935.0 MB			
< <u>B</u> ack	Install	Car	icel

9) Just wait until installation is complete



10) Well done. Click Finish button



11) You will be able to find the Apache Netbeans icon at the desktop, or can locate it from the Windows start button



12) Go to "C:\Program Files\NetBeans-19\netbeans\etc" and open the "netbeans.conf" file with administrator right.

📑 🛃 📙 🀬 🖛 etc	
File Home Share Vie	ew
← → × ↑ 📑 C:\Program F	Files\NetBeans-19\netbeans\etc
 Quick access Desktop Downloads Documents Dictures 	Name netbeans.clusters netbeans.conf netbeans.import

13) Make sure that "netbeans_jdkhome" is set to Java17. If not, modify the Java 17 path and save the file.



14) Start a new Netbean console project and show the Java version with following code:

<pre>public static void main(String[] args) {</pre>
<pre>System.out.println(_System.getProperty("java.version"));</pre>
}