

How to set path in Java?

Topics : <u>JAVA</u> Written on <u>December 07, 2022</u>

We need to set jdk bin path to complie and java source code.

if Java source file is inside the JDK/bin directory, then you don't need to set path of java because all the tools will be available in the current directory.

if your Java file is outside the JDK/bin folder, it is necessary to set the path of JDK.

You can set the path in Java by two ways as below.

- Temporary
- Permanent

1) How to set the Temporary Path of JDK in Windows?

- Open the command prompt
- Copy the path of the JDK/bin directory
- Write in command prompt: set path=jdk_bin_path
 Example,
 set path=C:\Program Files\Java\jdk-19\bin

Look at below screeshots.

→ This PC → Data (D:) → java					
Name	Date modified	Туре	Size		
demo.class	07-12-2022 17:10	CLASS File	1 KB		
🛓 demo	07-12-2022 17:10	Java Source File	1 KB		
Command Prompt				_	×
Microsoft Windows [Versi (c) Microsoft Corporatio	on 10.0.22000.1219] on. All rights reserved.				
C:\Users\lenovo>d:					
D:\>cd java					
D:\java> set path=C:\Pro	ogram Files\Java\jdk-19\bin				
D:∖java>javac demo.java					
D:∖java>java demo Hello World!					
D:\java>					

2) How to set the Permanent Path of JDK in Windows?

Go to MyComputer properties -> advanced tab -> environment variables -> new tab of user variable -> write path in variable name -> write path of bin folder in variable value -> ok -> ok -> ok

Look at below screenshots,

System Properties		×	_ 10		
Computer Name	Hardware Advanced System Protection Remote	Fr	nvironn	nent Variables	×
You must be log	ged on as an Administrator to make most of these change				
Performance Visual effects, processor scheduling, memory usage, and virtual memory			User E	Edit environment variable	×
	Settings		Ch	%USERPROFILE%\AppData\Local\Microsoft\WindowsApps C:\Users\lenovo\AppData\Local\Programs\Microsoft VS Code\bin	New
User Profiles Desktop settings related to your sign-in Settings			Or Pa TE TN	C:\Users\lenovo\AppData\Roaming\npm C:\Program Files\Git\bin\ C:\Program Files\Git\cmd\ C:\Program Files\Java\jdk-19\bin	Edit Browse
Startup and Recovery System startup, system failure, and debugging information		=			Delete
Settings					Move Up
Environment Variables			Syste		Move Down
	OK Cancel	Apply	t Ch Cc		Edit text
esktop	api-ms-win-core-interlocked-I1-1-0.dll	07-12-20	Dr Nl		
ocuments ownloads	api-ms-win-core-libraryloader-l1-1-0.dll	07-12-20	OS Pa		
usic	🗟 api-ms-win-core-localization-I1-2-0.dll	07-12-20			
ctures	api-ms-win-core-memory-I1-1-0.dll	07-12-20		ОК	Cancel
deos indows-SSD (C:)	api-ms-win-core-namedpipe-I1-1-0.dll	07-12-20		ОК	Cancel
ata (D:)	api-ms-win-core-processenvironment-I1	07-12-20		UK	Cancel

How to set Java Path in Linux OS ?

you can use below command in linux to set java path in linux OS.

export PATH=\$PATH:/home/jdk-19/bin/

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