

CARA INSTALL FLUTTER DI WINDOWS

1. Persiapan File

a. Flutter SDK

Download : <https://flutter.dev/docs/development/tools/sdk/releases>

Windows macOS Linux

Stable channel (Windows)

Select from the following scrollable list:

Flutter version	Architecture	Ref	Release Date	Dart version	Provenance
3.24.0	x64	80c2e84	8/7/2024	3.5.0	Attestation bundle
3.22.3	x64	b0850be	7/18/2024	3.4.4	Attestation bundle
3.22.2	x64	761747b	6/7/2024	3.4.3	Attestation bundle
3.22.1	x64	a14f74f	5/23/2024	3.4.1	Attestation bundle
3.22.0	x64	5dcb86f	5/14/2024	3.4.0	Attestation bundle
3.19.4	x64	57a6666	4/19/2024	3.3.1	Attestation bundle

b. Command Line Tools

Download : <https://developer.android.com/studio>

Command line tools only

Platform	SDK tools package	Size	SHA-256 checksum
Windows	commandlinetools-win-11076708_latest.zip	153.6 MB	4d6931207eebb76b7c7e8b240aa3cb3ab24479ea294f3539429574b7eeeb62
Mac	commandlinetools-mac-11076708_latest.zip	153.6 MB	7bc5c72ba0275c80a8f9684b92792883a665c9464d179fc988930282d7e64
Linux	commandlinetools-linux-11076708_latest.zip	153.6 MB	2fd050857e4eb553af5e6dc3ae507a17ad43d11524b1efc116f95c92e5e258

c. OpenJDK

Download : <https://jdk.java.net/22/>

OpenJDK JDK 22.0.2 General-Availability Release

This page provides production-ready open-source builds of the Java Development Kit, version 22, an implementation of the Java SE 22 Platform under the GNU General Public License, version 2, with the Classpath Exception.

Commercial builds of JDK 22.0.2 from Oracle, under a non-open-source license, can be found here.

Documentation

- [Features](#)
- [Release notes](#)
- [API Javadoc](#)

Builds

Linux/AArch64	tar.gz (sha256)	199951993 bytes
Linux/x64	tar.gz (sha256)	201996264
macOS/AArch64	tar.gz (sha256)	195674824
macOS/x64	tar.gz (sha256)	197954845
Windows/x64	zip (sha256)	200567419

2. Persiapan Folder

Ekstrak ketiga file zip yang telah didownload sebelumnya, yaitu:

1. flutter_windows_3.3.4-stable.zip

Ekstrak dan pindahkan folder flutter ke dalam folder **android_sdk**.

2. commandlinetools-win-11076708_latest.zip

Buat folder baru bernama **latest** di dalam folder **cmdline-tools**. Salin semua isinya (bin, lib, NOTICE.txt, dan source.properties) ke dalam folder **latest**.

3. openjdk-22.0.2_windows-x64_bin.zip

Salin semua isinya (bin, conf, include, dll) ke dalam folder **openjdk**

3. Masukkan variable ke dalam Environment Variables

Buka terminal, ketik baris perintah berikut, masing-masing baris perintah akhiri dengan enter. Silahkan sesuaikan dengan drive yang digunakan.

```
setx JAVA_HOME "D:\android_sdk\openjdk"  
setx ANDROID_HOME "D:\android_sdk"  
setx ANDROID_SDK_ROOT "D:\android_sdk\tools"  
setx path "D:\android_sdk\tools\bin;D:\android_sdk\flutter\bin"
```

4. Download tools dengan perintah SDK Manager

Buka terminal di **D:/android_sdk/cmdline-tools/latest/bin**, lalu ketik baris perintah berikut (akhiri baris dengan enter):

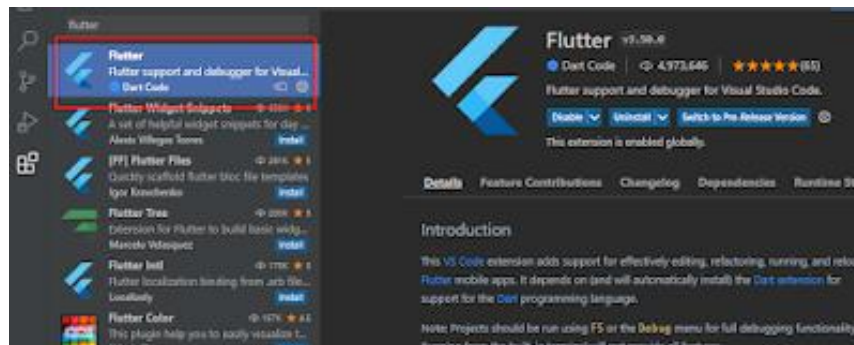
```
sdkmanager "system-images;android-29;default;x86_64"  
sdkmanager "platform-tools"  
sdkmanager "platforms;android-29"  
sdkmanager "build-tools;29.0.3"  
sdkmanager --update  
flutter doctor --android-licenses
```

Saat menjalankan flutter doctor --android-licenses, akan muncul pertanyaan berikut:
Review licenses that have not been accepted (y/N)? ketik y untuk melihat isi lisensi.
Diakhiri dengan pertanyaan Accept? (y/N): (ketik y untuk menyetujui). Lakukan hal sama,
yaitu dengan ketik y setiap ada pertanyaan serupa. Sampai kemudian diakhiri dengan
pernyataan "All SDK package licenses accepted".

5. Install Extension Flutter di Visual Studio Code (VS Code)

Ini mengharuskan kalian memiliki aplikasi teks editor VS Code. Download dan install aplikasi apabila kalian belum memilikinya.

Buka VS Code kemudian pergi ke extension dan carilah "Flutter" (ini juga termasuk dengan Dart) kemudian install.



6. Cek Lisensi Android

Buka terminal di D:/android_sdk/flutter/bin, ketik: flutter doctor

```
Checking Android licenses is taking an unexpectedly long time... [✓] Android toolchain - develop for Android devices (Android SDK version 29.0.3)
[✓] Chrome - develop for the web
[✓] Visual Studio - develop for Windows (Visual Studio Build Tools 2019 16.11.5)
[!] Android Studio (not installed)
[✓] VS Code (version 1.72.0)
[✓] Connected device (3 available)
[✓] HTTP Host Availability

! Doctor found issues in 2 categories.
```