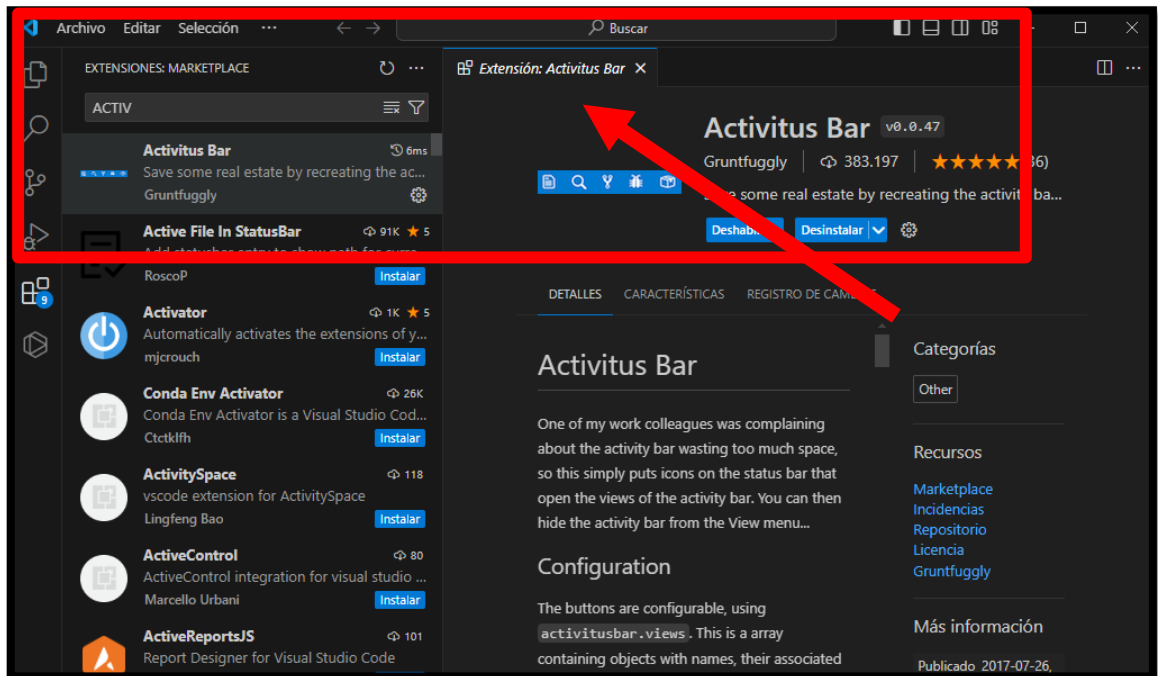




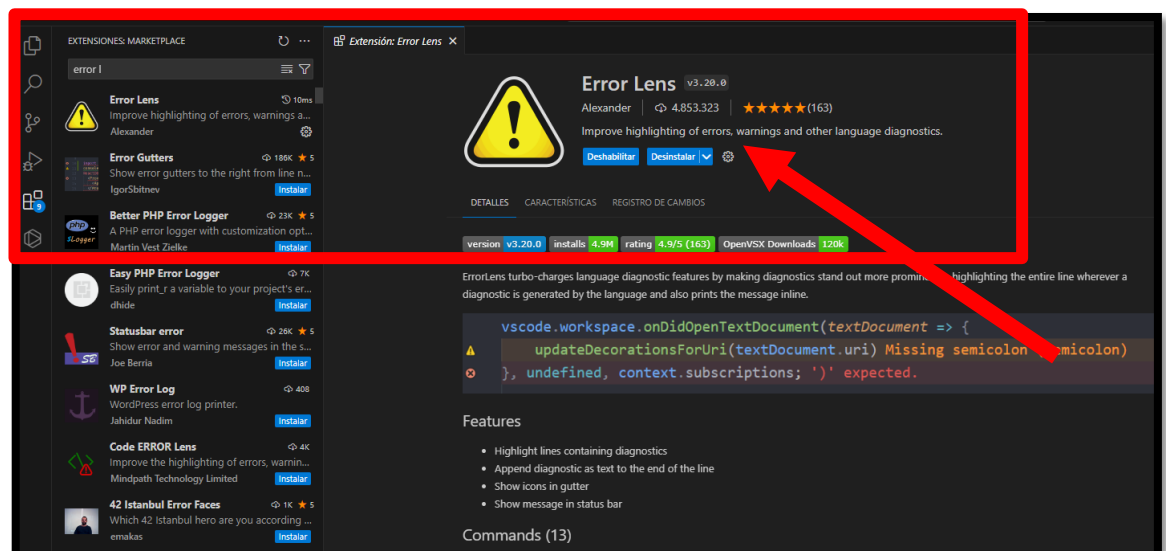
## INSTALACIÓN DE FLUTTER

### 1. Instalamos en el VSCode las extensiones

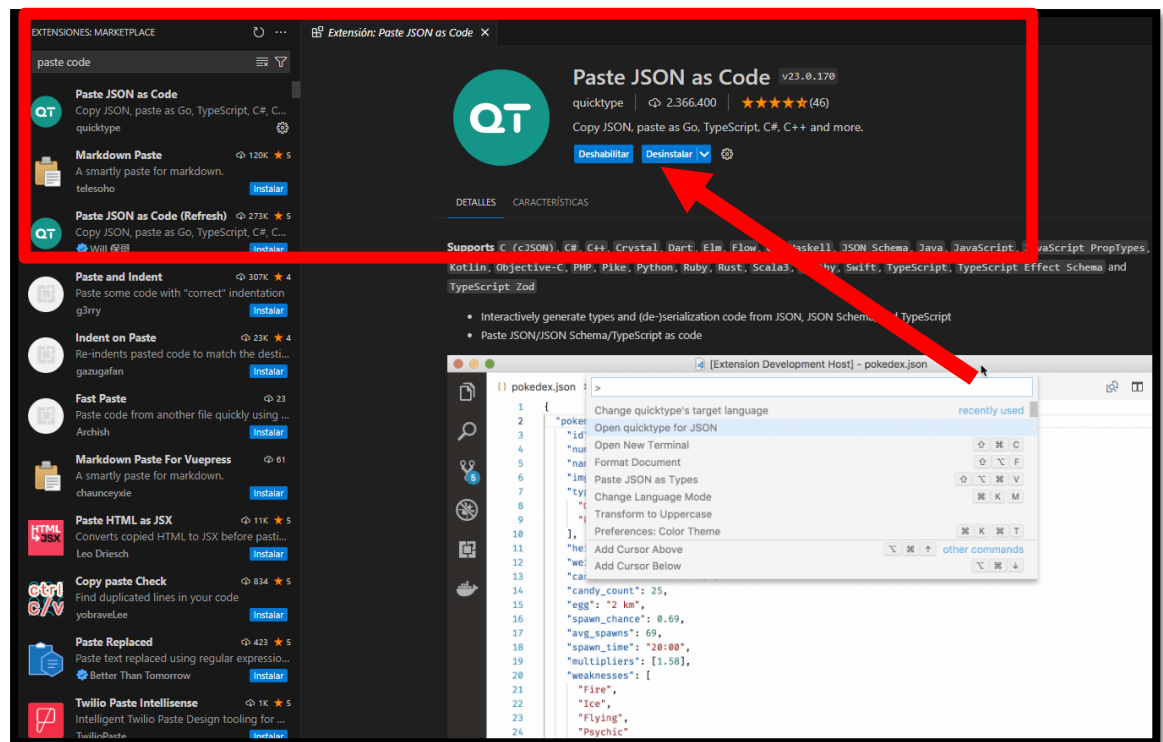
#### ➤ Instalar Activitus Bar



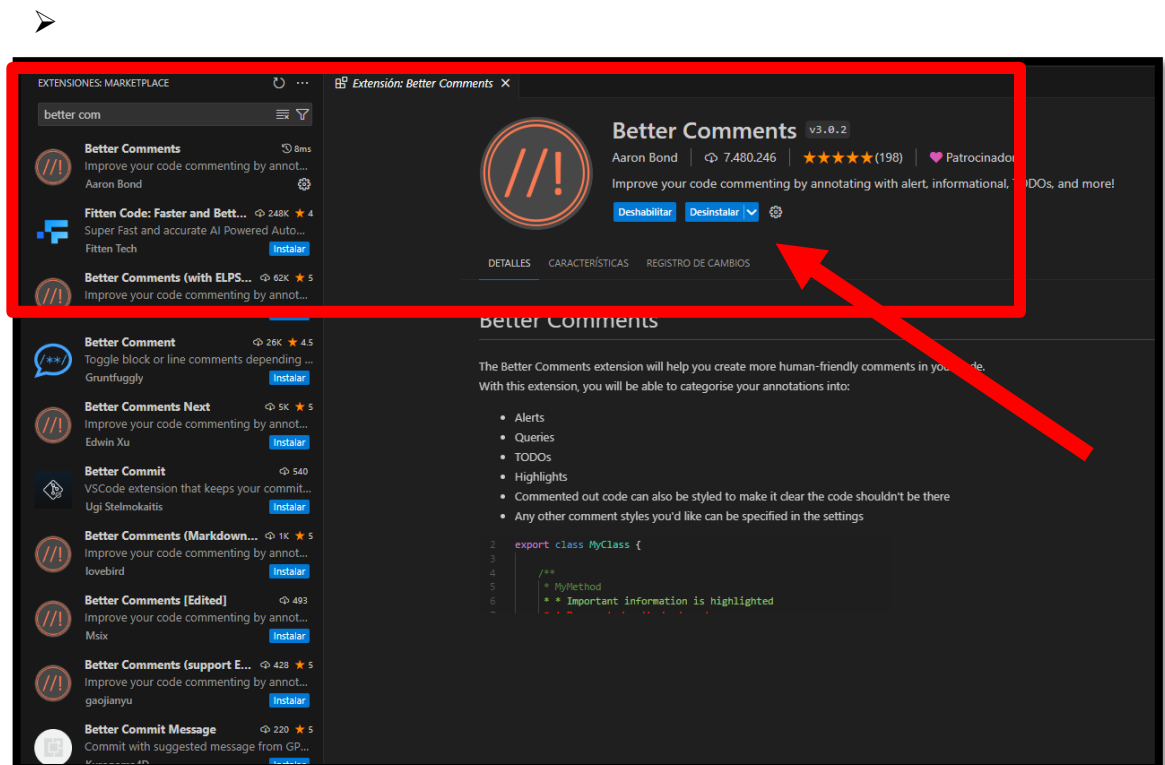
#### ➤ Instalar Error Lens



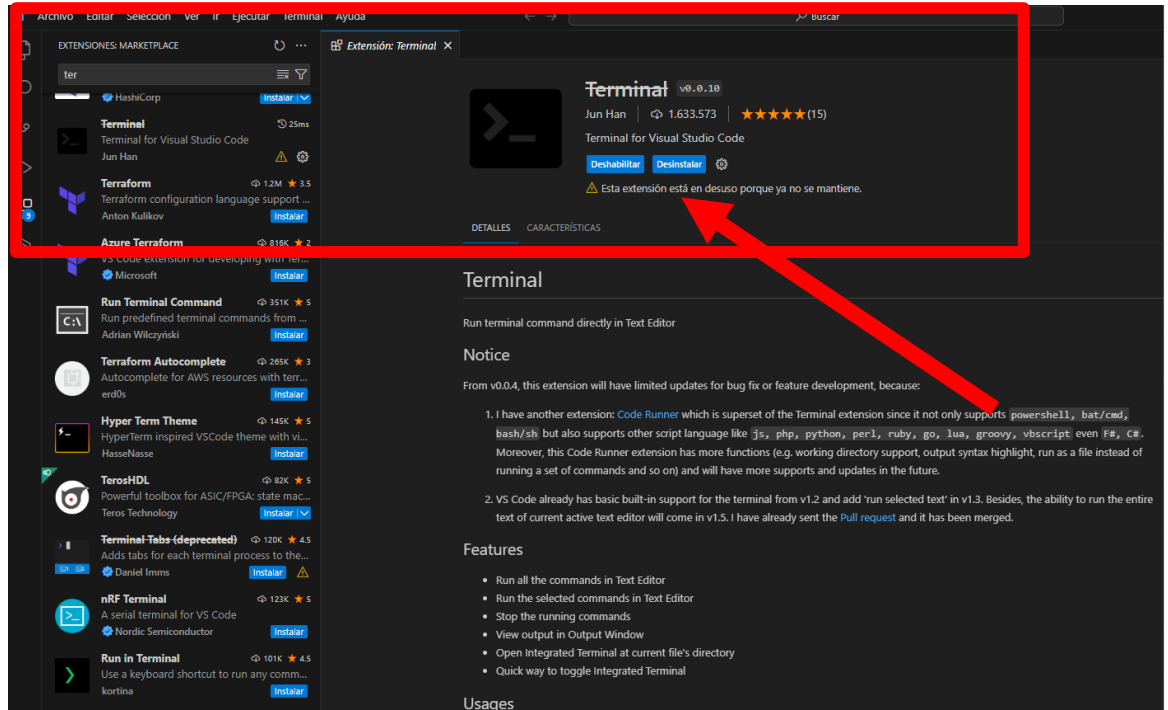
## ➤ Instalar Paste JSON as Code



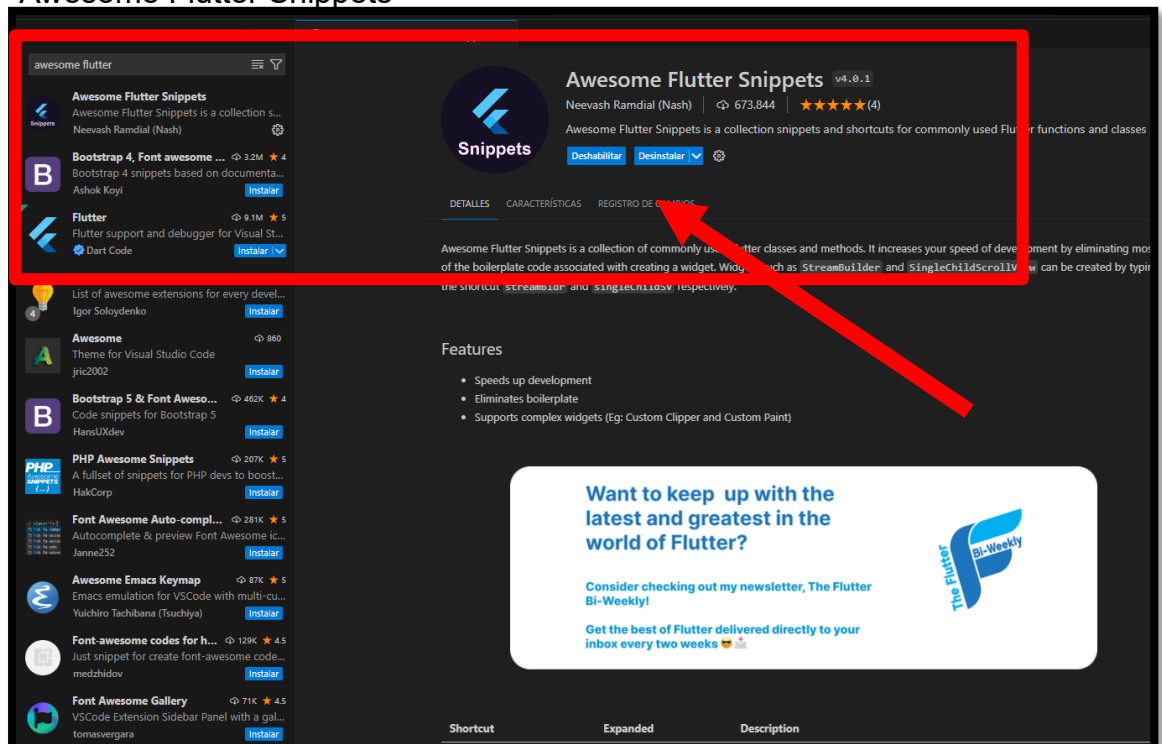
## ➤ Better Comments



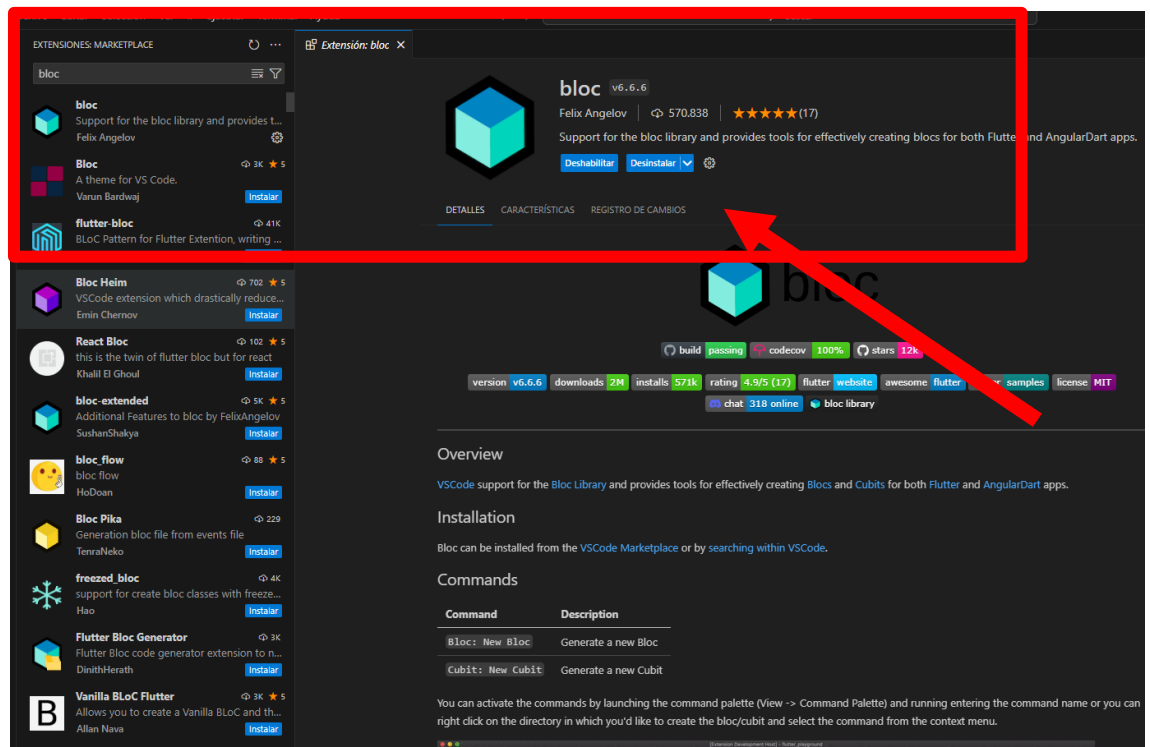
## ➤ Terminal



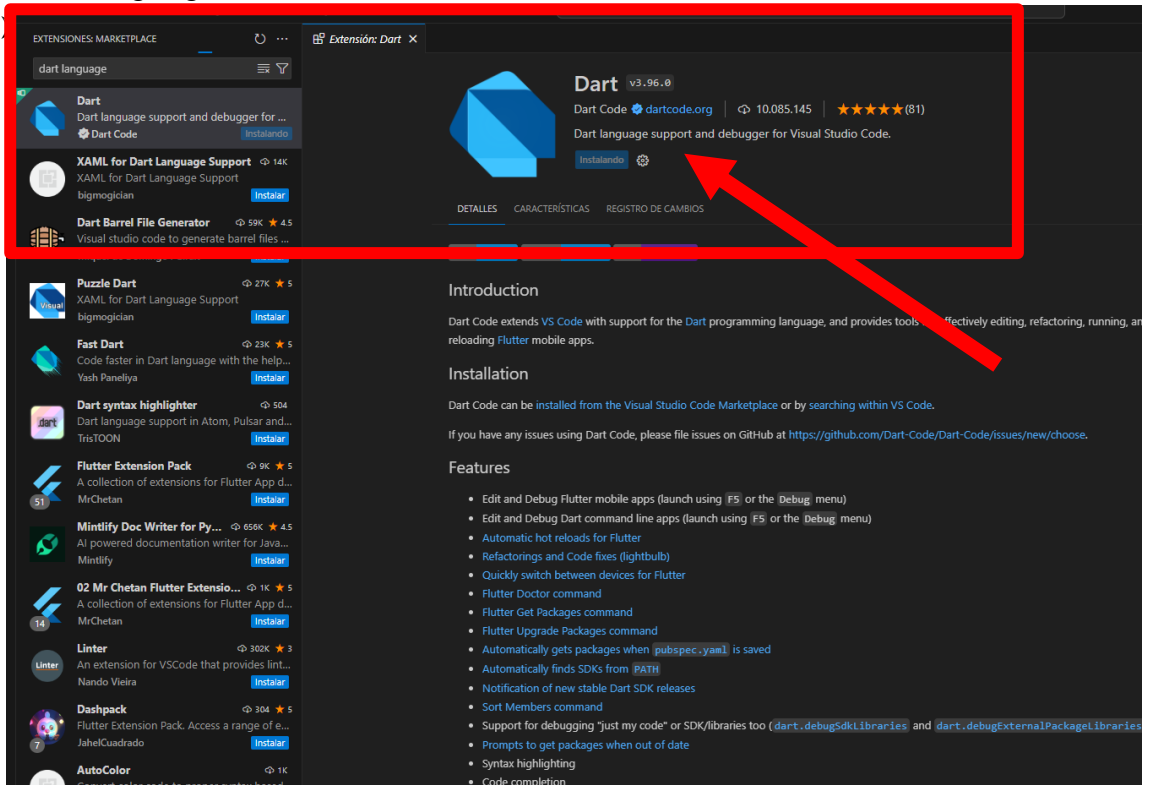
## ➤ Awesome Flutter Snippets



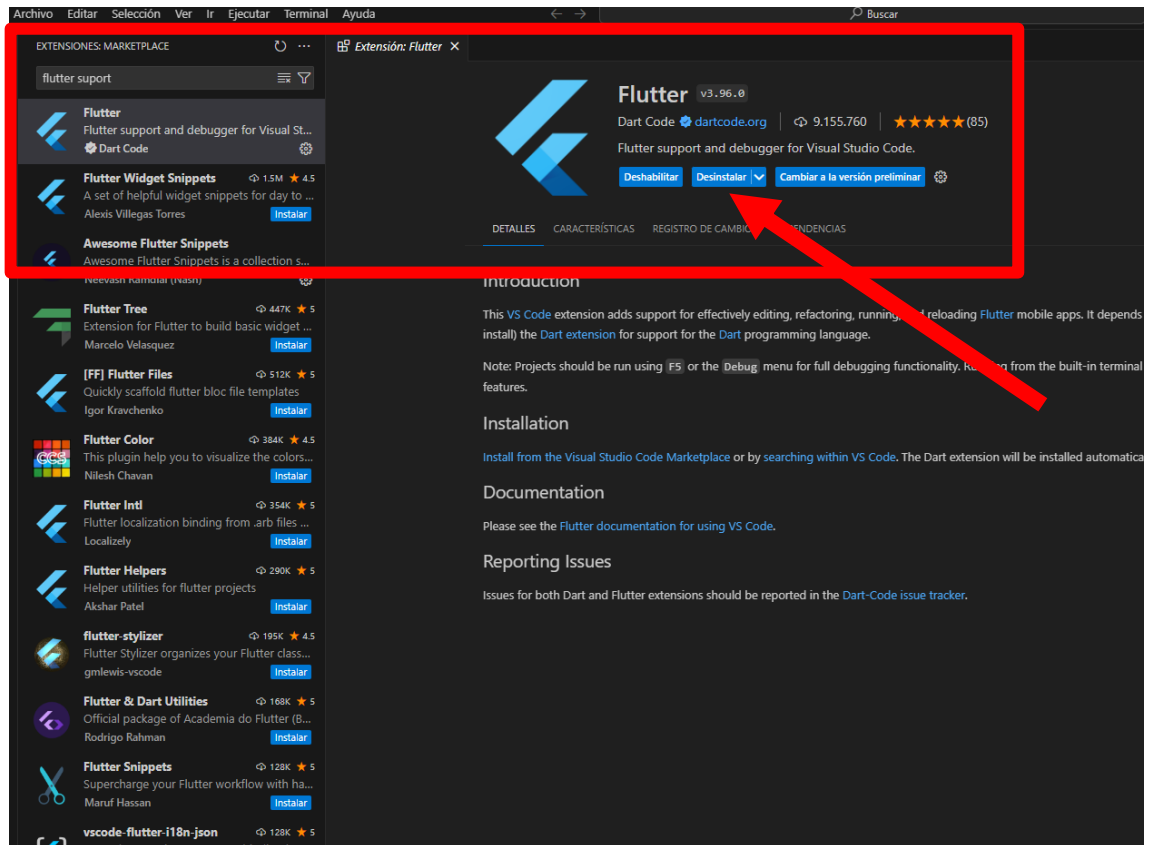
## ➤ Bloc



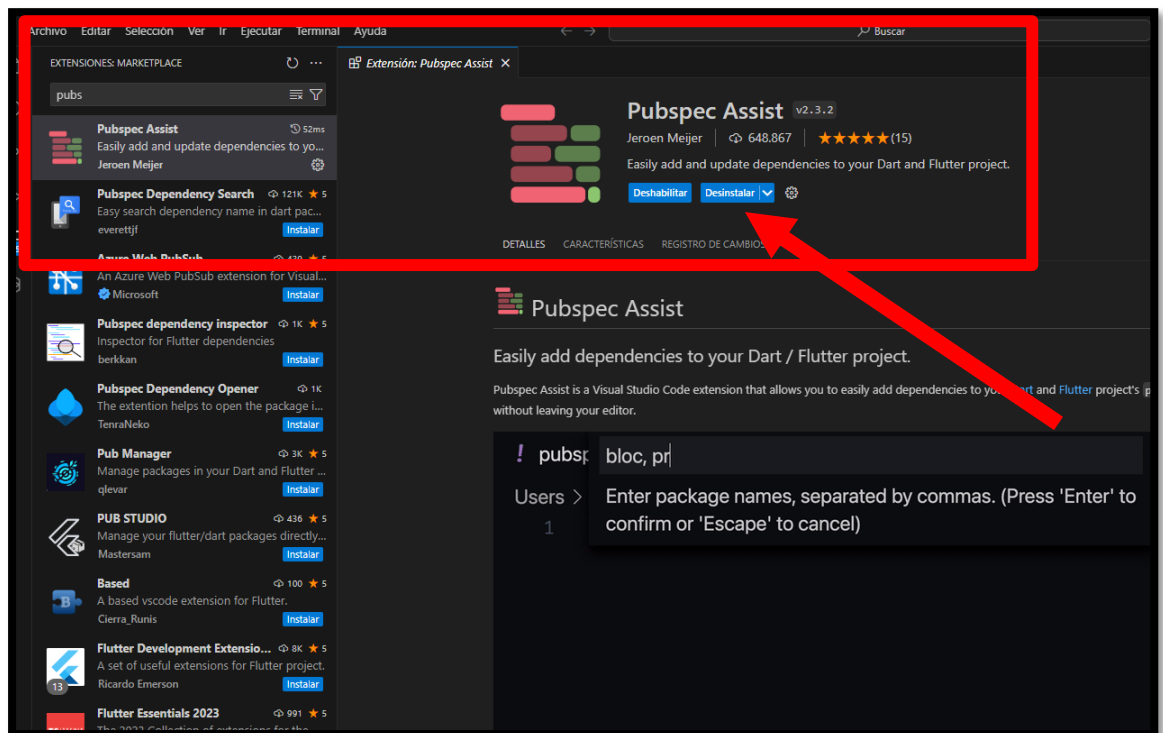
## ➤ Dart Language



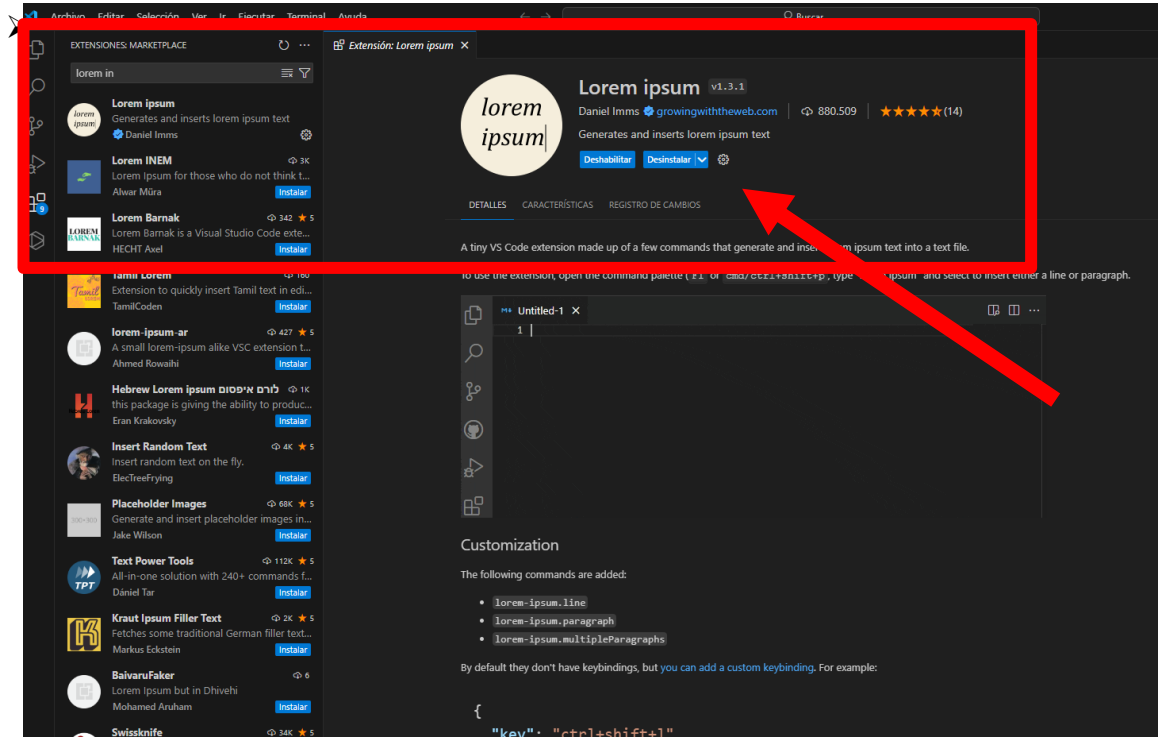
## ➤ Flutter Support



## ➤ Pubspec Assist

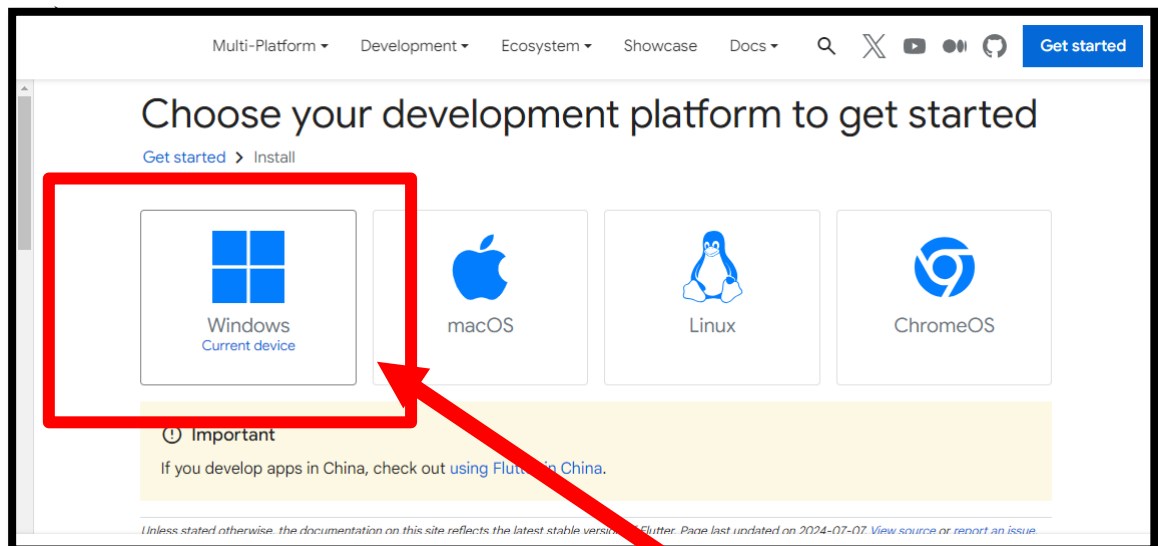


## ➤ Lorem ipsum

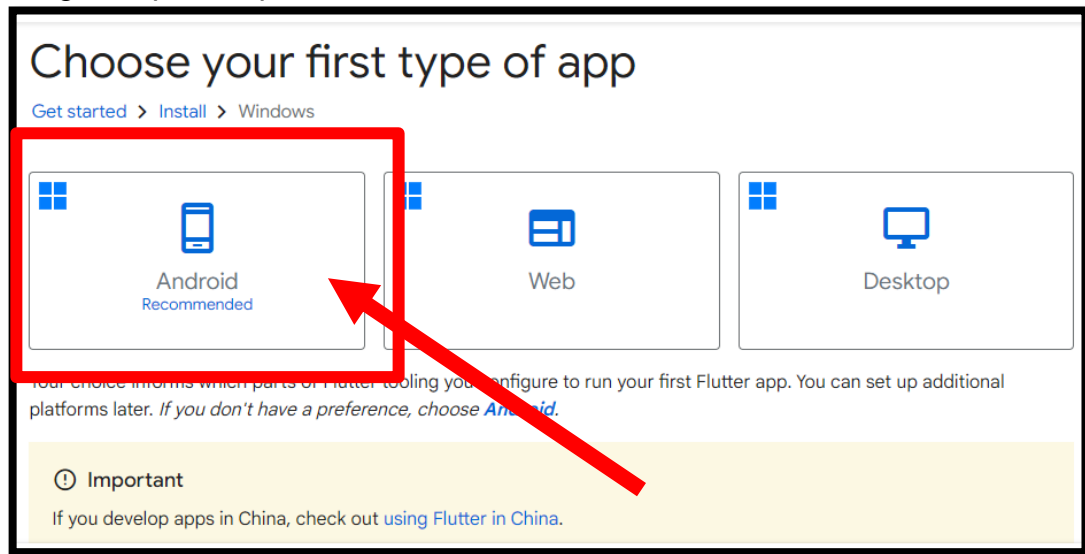


## 2. Descargamos Flutter

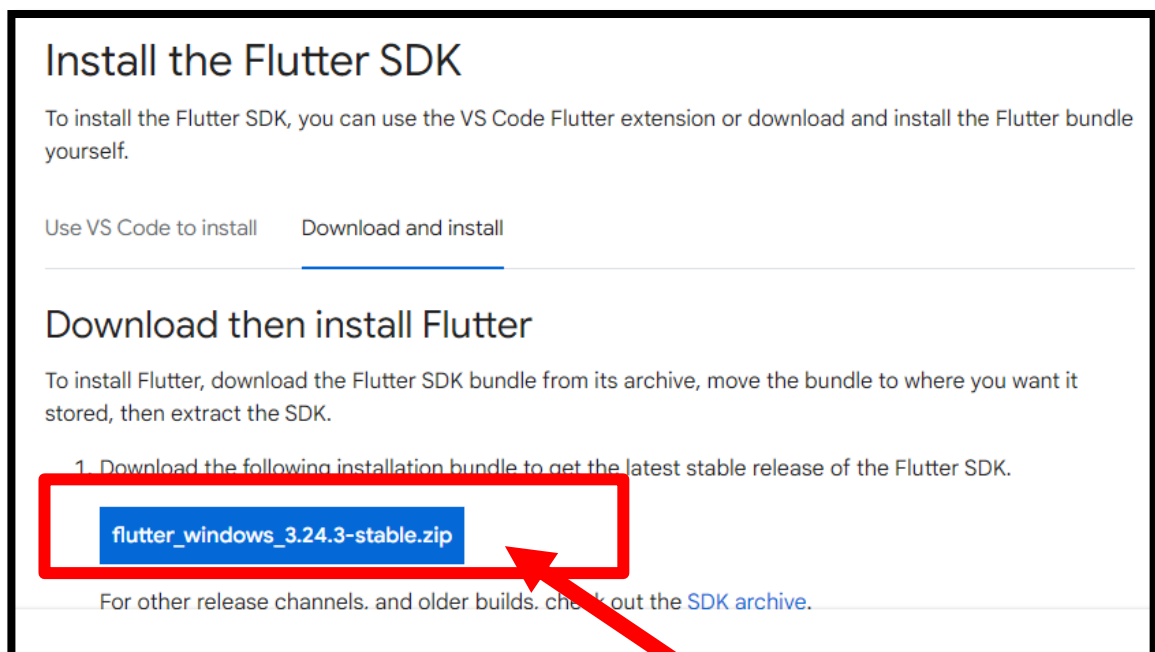
- Colocamos en el navegador descargar flutter, elegir el sistema operativo en la que deseas instalar



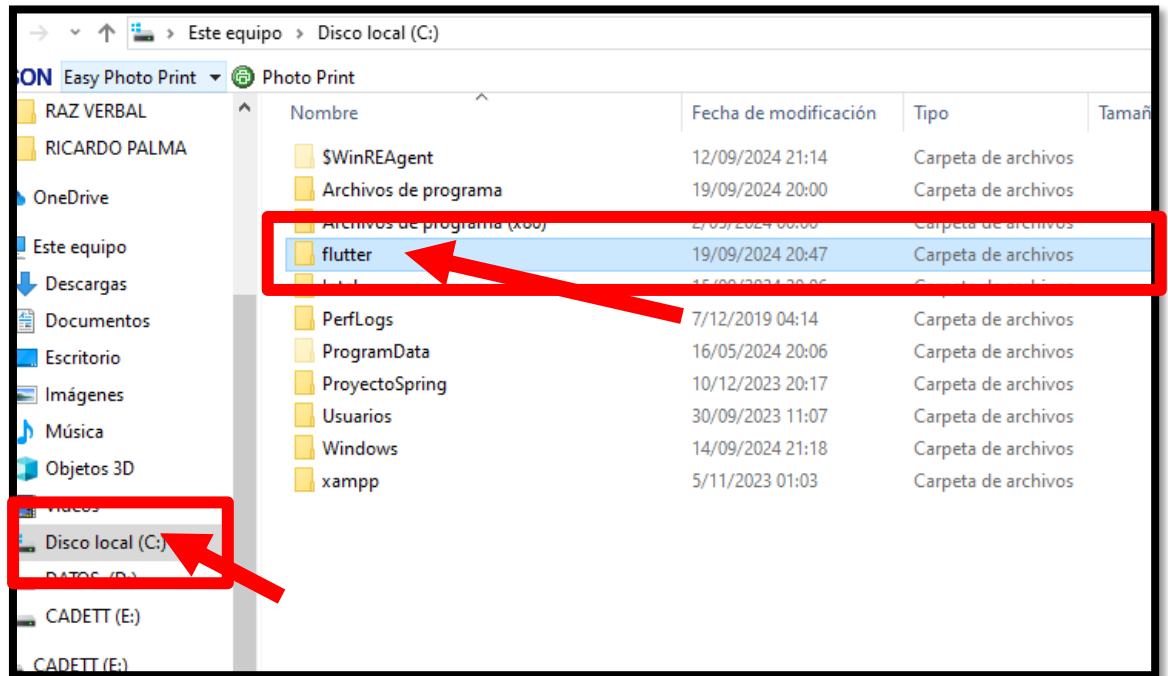
➤ Elegir el tipo de aplicación



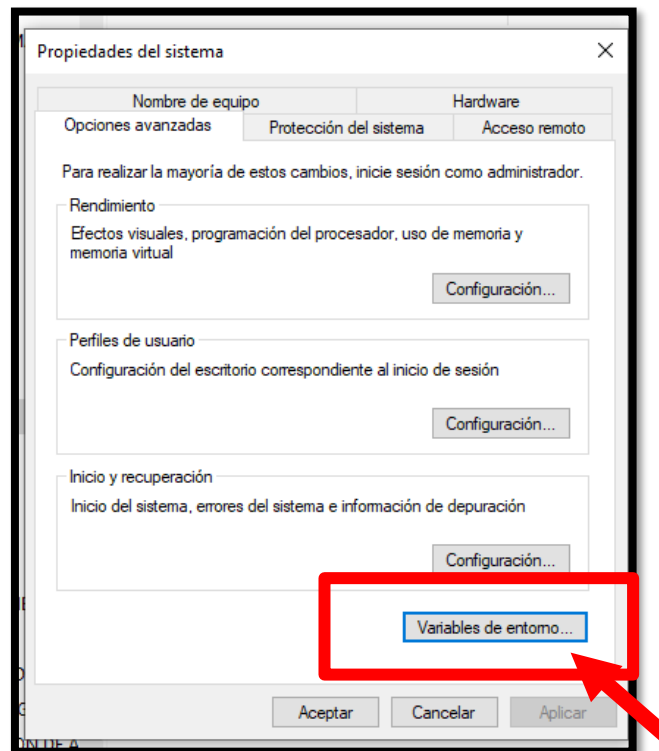
➤ Podemos descargar flutter



- Luego descomprimir el archivo y trasladar la carpeta de flutter a la unidad del disco C/:

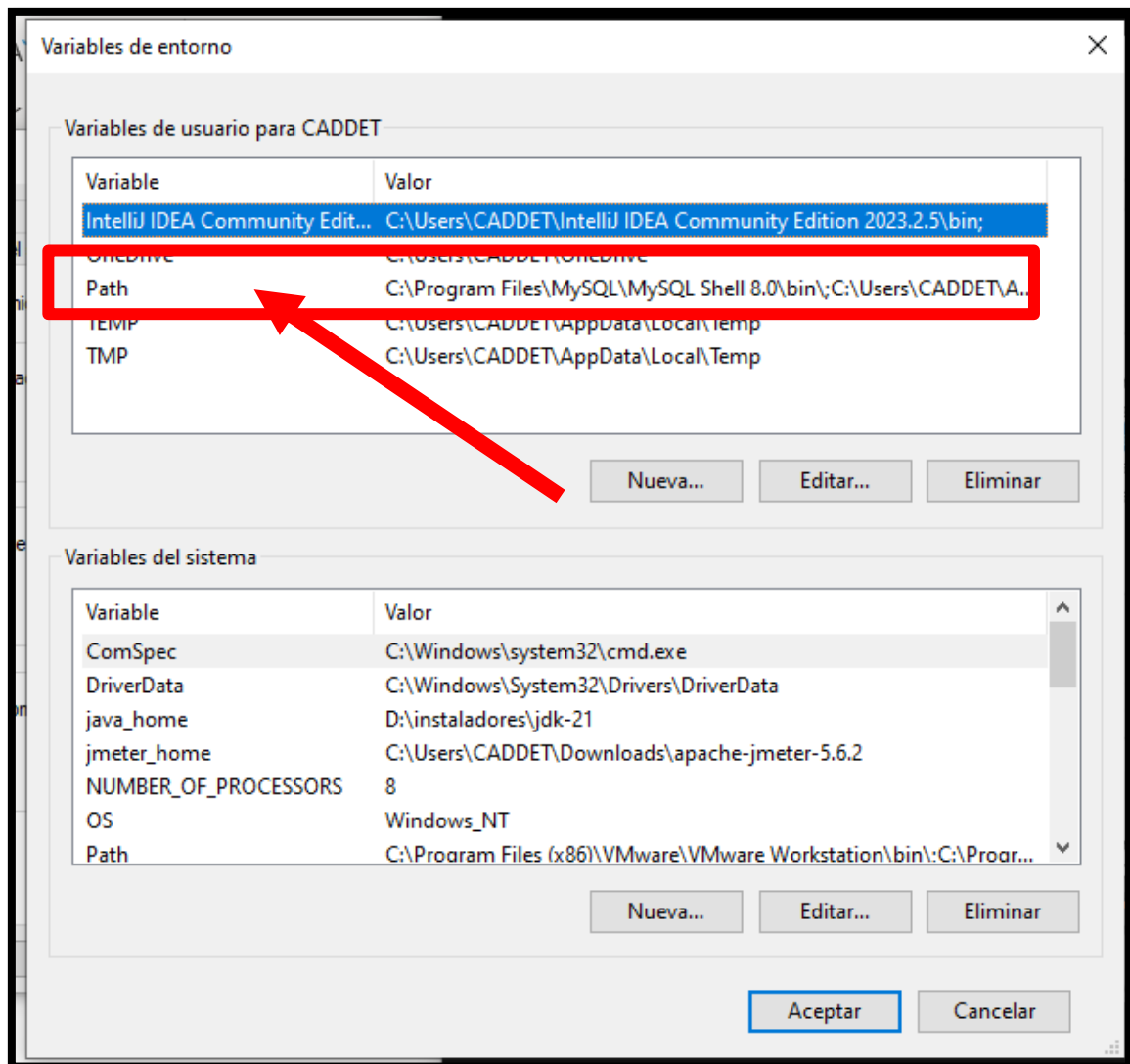


- Creamos variable de entorno y click en variable de entorno

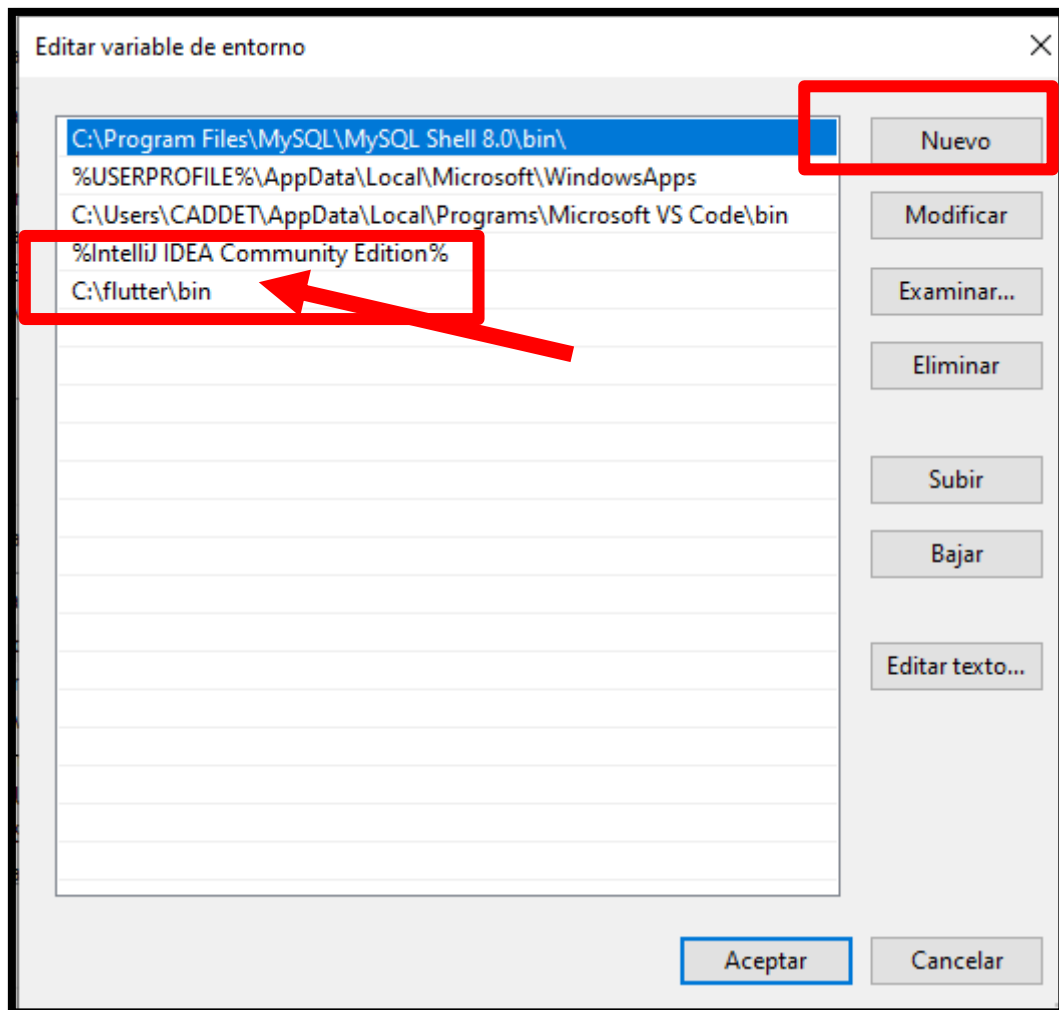




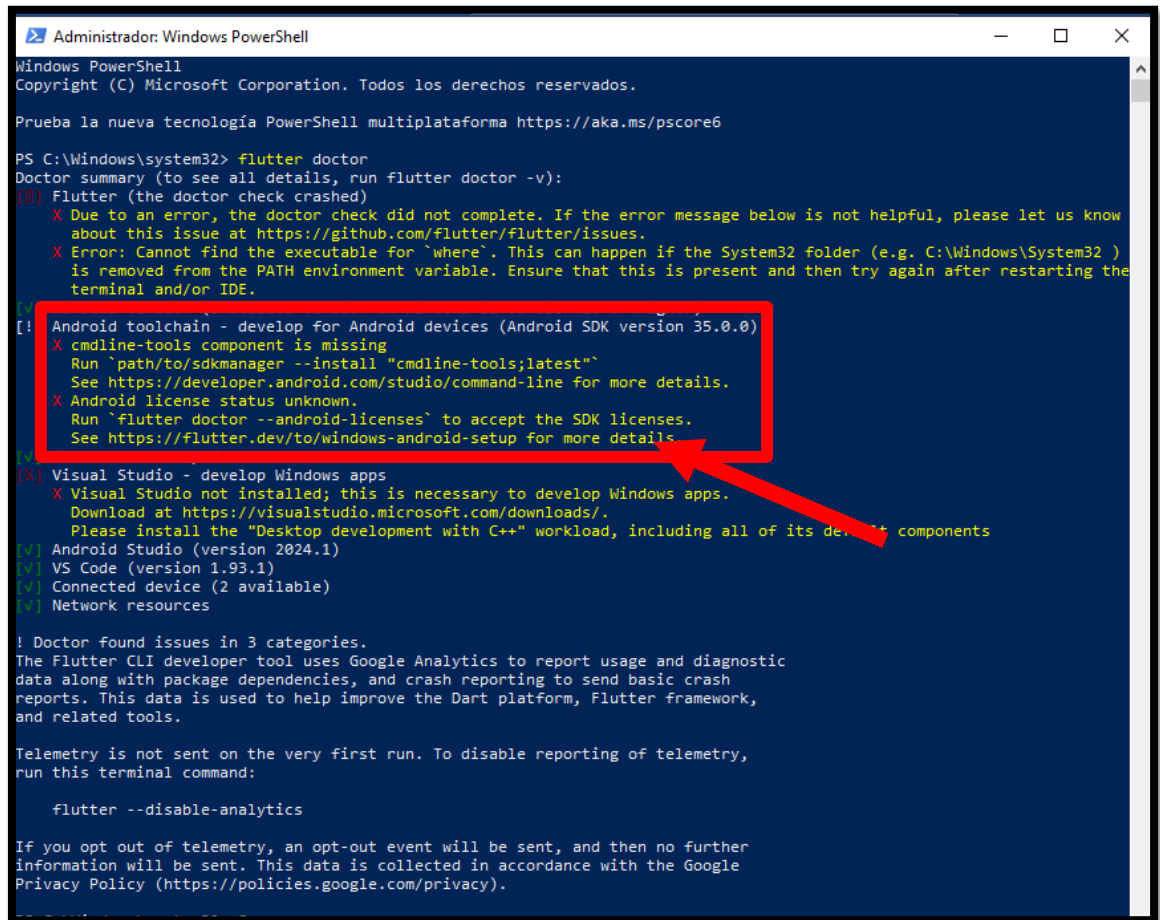
- Ahora seleccionamos PATH, y luego en editar



- Pegamos la dirección de anteriormente que copiamos, creamos uno nuevo y pegamos, finalmente aceptamos los cambios que realizamos.



- Nos aseguramos que quede correctamente instalado, por lo cual abrimos el POWER SHELL de Windows y escribimos FLUTTER DOCTOR, si no se instalaron algunos dispositivos, lo corregimos desde el SDK de Android studio.



```
Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. Todos los derechos reservados.

Prueba la nueva tecnología PowerShell multiplataforma https://aka.ms/pscore6

PS C:\Windows\system32> flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[!] Flutter (the doctor check crashed)
  X Due to an error, the doctor check did not complete. If the error message below is not helpful, please let us know about this issue at https://github.com/flutter/flutter/issues.
  X Error: Cannot find the executable for 'where'. This can happen if the System32 folder (e.g. C:\Windows\System32) is removed from the PATH environment variable. Ensure that this is present and then try again after restarting the terminal and/or IDE.
[!] Android toolchain - develop for Android devices (Android SDK version 35.0.0)
  X cmdline-tools component is missing
    Run `path/to/sdkmanager --install "cmdline-tools;latest"`
    See https://developer.android.com/studio/command-line for more details.
  X Android license status unknown.
    Run `flutter doctor --android-licenses` to accept the SDK licenses.
    See https://flutter.dev/to/windows-android-setup for more details.
[!] Visual Studio - develop Windows apps
  X Visual Studio not installed; this is necessary to develop Windows apps.
    Download at https://visualstudio.microsoft.com/downloads/.
    Please install the "Desktop development with C++" workload, including all of its default components
[!] Android Studio (version 2024.1)
[!] VS Code (version 1.93.1)
[!] Connected device (2 available)
[!] Network resources

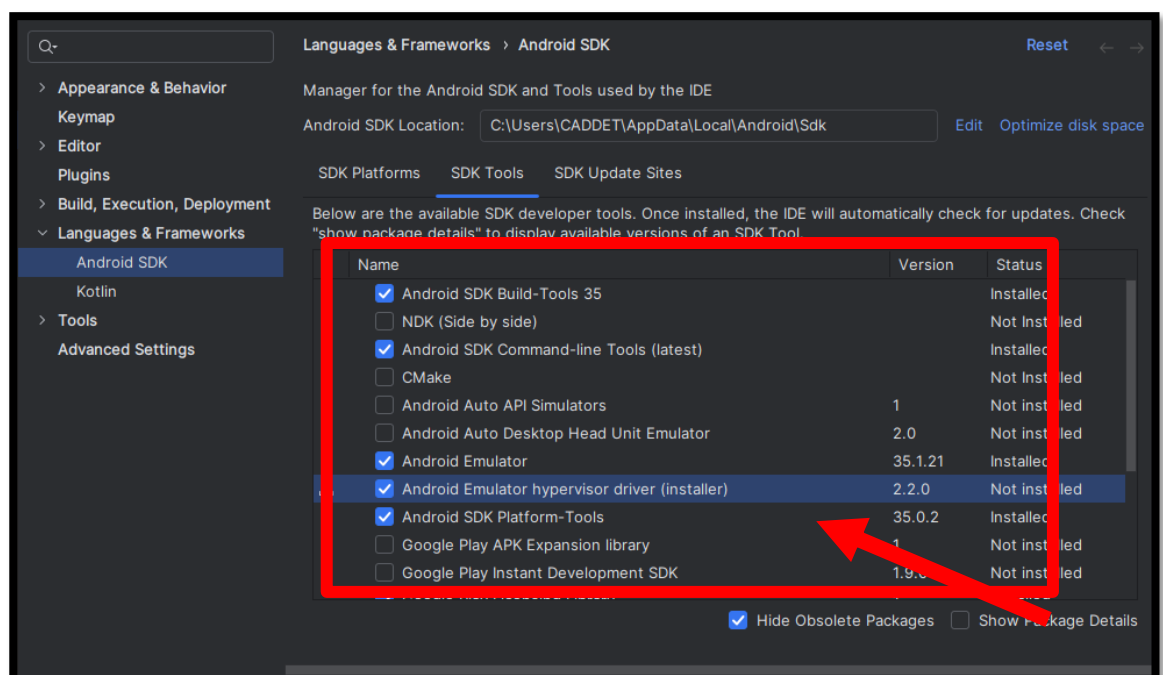
! Doctor found issues in 3 categories.
The Flutter CLI developer tool uses Google Analytics to report usage and diagnostic data along with package dependencies, and crash reporting to send basic crash reports. This data is used to help improve the Dart platform, Flutter framework, and related tools.

Telemetry is not sent on the very first run. To disable reporting of telemetry, run this terminal command:

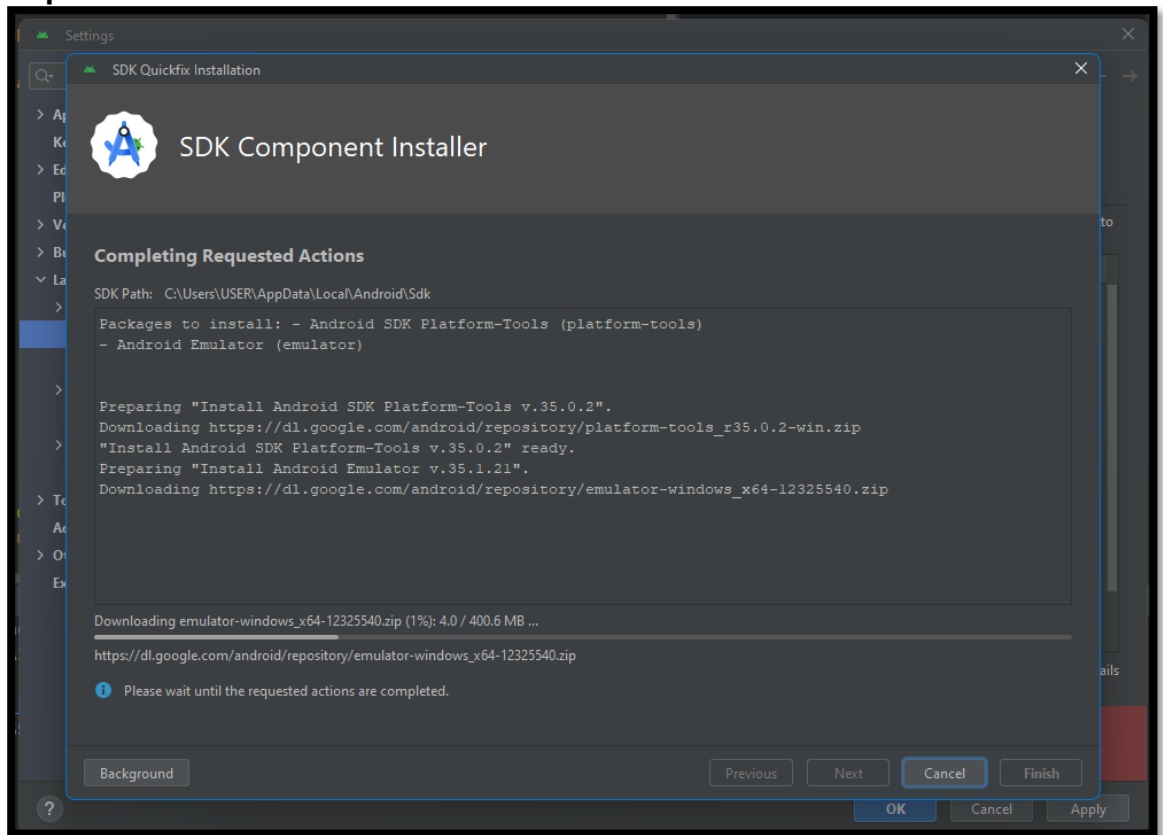
  flutter --disable-analytics

If you opt out of telemetry, an opt-out event will be sent, and then no further information will be sent. This data is collected in accordance with the Google Privacy Policy (https://policies.google.com/privacy).
```

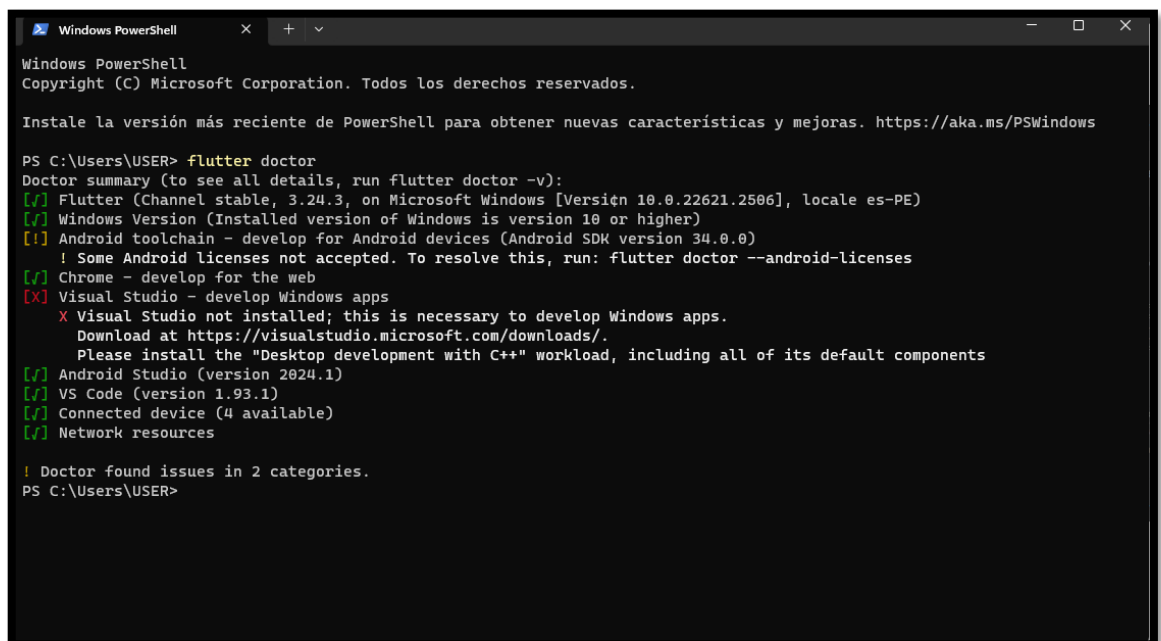
- Elegimos las cinco opciones de poder instalar correctamente



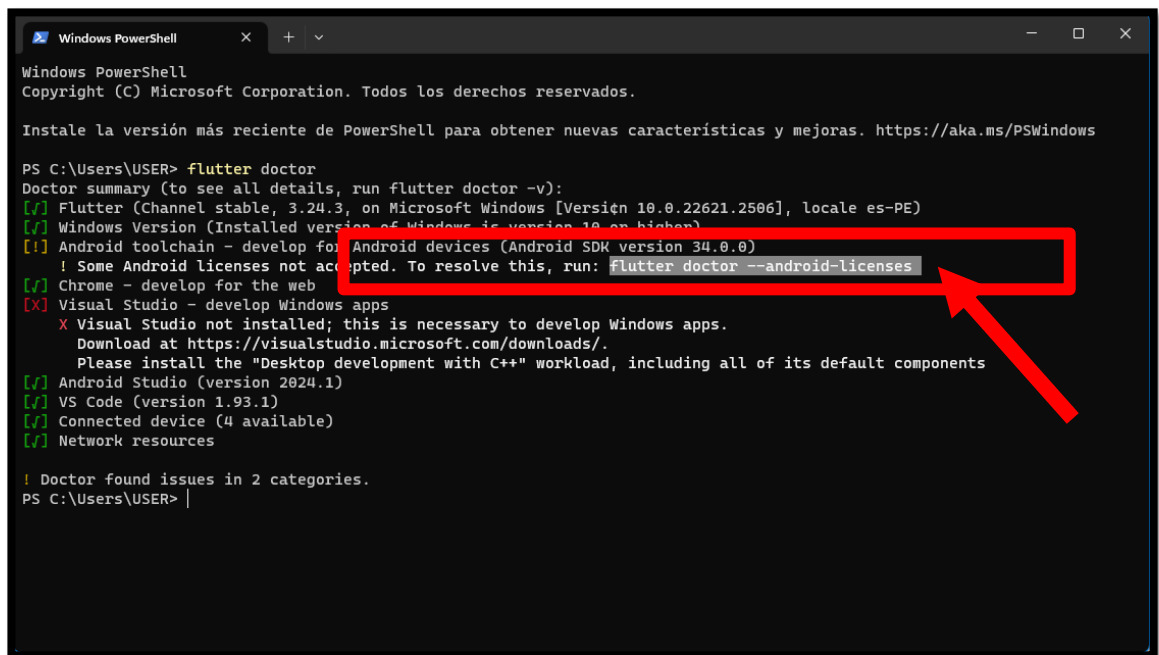
➤ Aplicamos los cambios



➤ Finalmente, ya no hay fallas en el Android studio



- Ahora copiamos la línea del flutter -- android – licenses



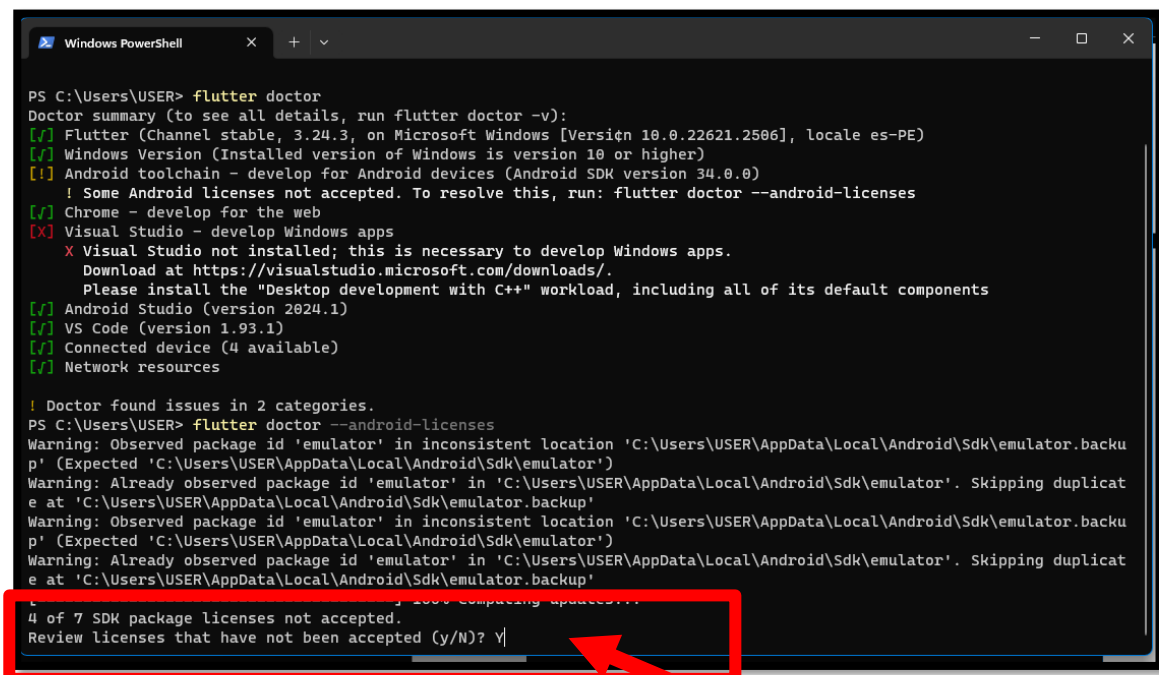
```
Windows PowerShell
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Instale la versión más reciente de PowerShell para obtener nuevas características y mejoras. https://aka.ms/PSWindows

PS C:\Users\USER> flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.24.3, on Microsoft Windows [Version 10.0.22621.2506], locale es-PE)
[✓] Windows Version (Installed version of Windows is version 10 or higher)
[!] Android toolchain - develop for Android devices (Android SDK version 34.0.0)
    ! Some Android licenses not accepted. To resolve this, run: flutter doctor --android-licenses
[✓] Chrome - develop for the web
[✓] Visual Studio - develop Windows apps
    X Visual Studio not installed; this is necessary to develop Windows apps.
      Download at https://visualstudio.microsoft.com/downloads/.
      Please install the "Desktop development with C++" workload, including all of its default components
[✓] Android Studio (version 2024.1)
[✓] VS Code (version 1.93.1)
[✓] Connected device (4 available)
[✓] Network resources

! Doctor found issues in 2 categories.
PS C:\Users\USER>
```

- Para culminar aceptamos todas las licencias con una Y



```
PS C:\Users\USER> flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.24.3, on Microsoft Windows [Version 10.0.22621.2506], locale es-PE)
[✓] Windows Version (Installed version of Windows is version 10 or higher)
[!] Android toolchain - develop for Android devices (Android SDK version 34.0.0)
    ! Some Android licenses not accepted. To resolve this, run: flutter doctor --android-licenses
[✓] Chrome - develop for the web
[✓] Visual Studio - develop Windows apps
    X Visual Studio not installed; this is necessary to develop Windows apps.
      Download at https://visualstudio.microsoft.com/downloads/.
      Please install the "Desktop development with C++" workload, including all of its default components
[✓] Android Studio (version 2024.1)
[✓] VS Code (version 1.93.1)
[✓] Connected device (4 available)
[✓] Network resources

! Doctor found issues in 2 categories.
PS C:\Users\USER> flutter doctor --android-licenses
Warning: Observed package id 'emulator' in inconsistent location 'C:\Users\USER\AppData\Local\Android\Sdk\emulator.backup' (Expected 'C:\Users\USER\AppData\Local\Android\Sdk\emulator')
Warning: Already observed package id 'emulator' in 'C:\Users\USER\AppData\Local\Android\Sdk\emulator'. Skipping duplicate at 'C:\Users\USER\AppData\Local\Android\Sdk\emulator.backup'
Warning: Observed package id 'emulator' in inconsistent location 'C:\Users\USER\AppData\Local\Android\Sdk\emulator.backup' (Expected 'C:\Users\USER\AppData\Local\Android\Sdk\emulator')
Warning: Already observed package id 'emulator' in 'C:\Users\USER\AppData\Local\Android\Sdk\emulator'. Skipping duplicate at 'C:\Users\USER\AppData\Local\Android\Sdk\emulator.backup'
4 of 7 SDK package licenses not accepted.
Review licenses that have not been accepted (y/N)? Y|
```

```
Windows PowerShell
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Open Source software license agreement.
-----
Accept? (y/N): Y
All SDK package licenses accepted

PS C:\Users\USER>
```

- Ahora si ya tenemos instalado el DART comprobamos, en un espacio en blanco realizamos la siguiente función **ctrl + shift + P**

