



“Año del Bicentenario, de la consolidación de nuestra Independencia, y de la conmemoración de las heroicas batallas de Junín y Ayacucho.”

## PROGRAMACION DE APLICACIONES WEB Y MOVILES

Programa de estudios: Diseño y Programacion Web

Docente: Raul Fernandez Bejarano

VI SEMESTRE

Estudiante: Luis Gomez Jamyl Brandom





## MANUAL DE INSTALACION DE FLUTTER

Como primer paso debemos tener instalado git

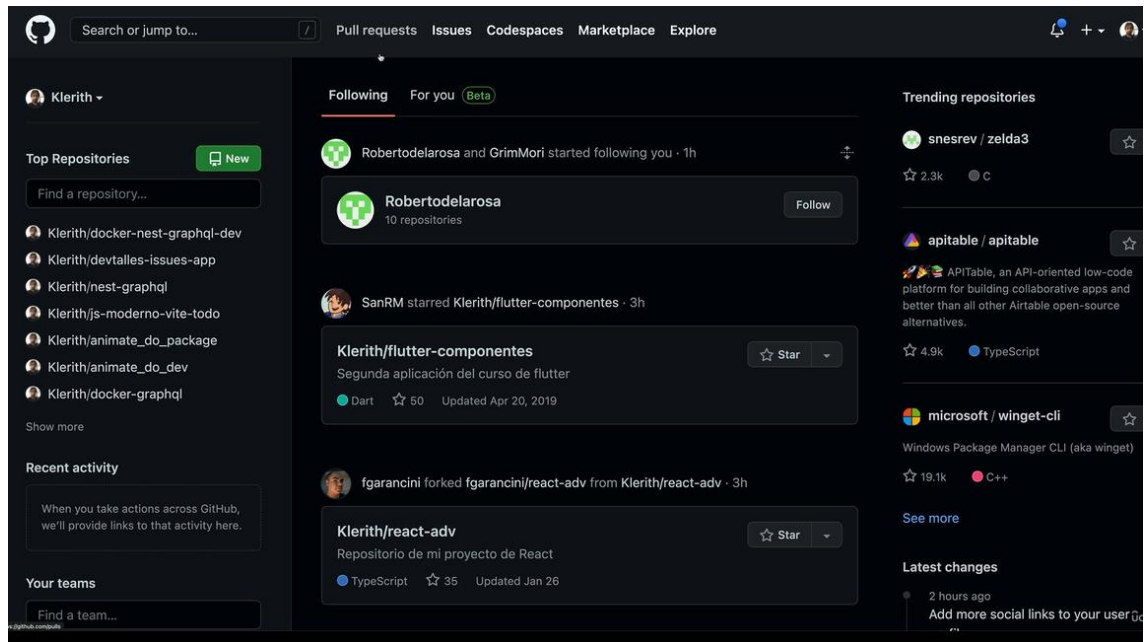


Luego hacemos la configuración del usuario en el cmd  
Agregando nuestro nombre y nuestro correo

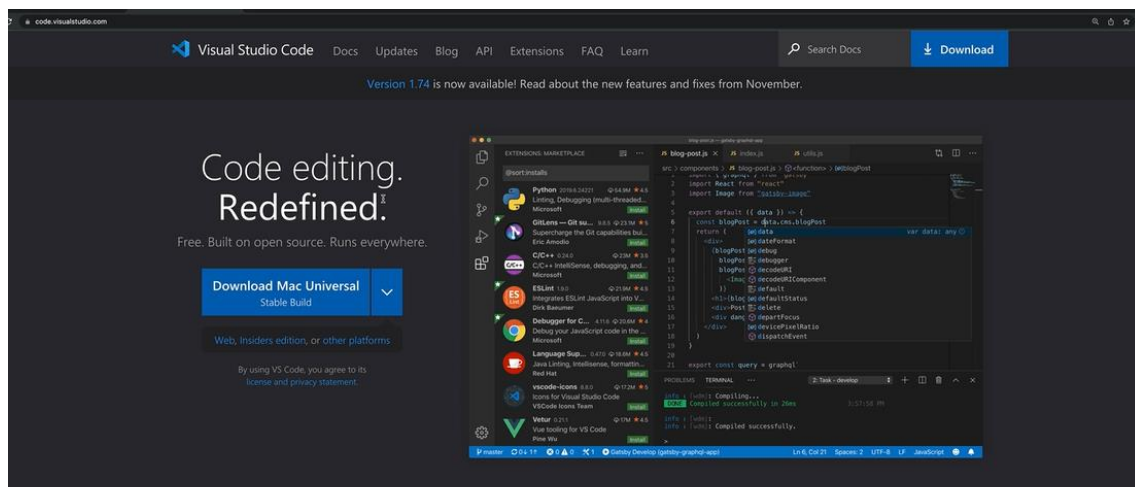
```
fernandoherrera@Striders-Studio ~ %  
fernandoherrera@Striders-Studio ~ %  
fernandoherrera@Striders-Studio ~ %  
fernandoherrera@Striders-Studio ~ % git --version  
git version 2.37.3  
fernandoherrera@Striders-Studio ~ % git config --global user.name "Fernando Herrera"  
fernandoherrera@Striders-Studio ~ % git config --global user.email "fernando.herrera85@gmail.com"
```



Luego de ello lo necesario es crear una cuenta en Github



Tambien es necesario tener instalado el Visual Studio Code





Tambien necesitamos el Postman ya que será necesario mas adelante

## Download Postman

Download the app to get started using the Postman API Platform today. Or, if you prefer a browser experience, you can try the web version of Postman.

### The Postman app

Download the app to get started with the Postman API Platform.

Mac Intel Chip Mac Apple Chip

By downloading and using Postman, I agree to the [Privacy Policy](#) and [Terms](#).

[Release Notes](#) · [Product Roadmap](#)

Not your OS? Download for Windows (x64) or Linux (x64)

### Postman on the web

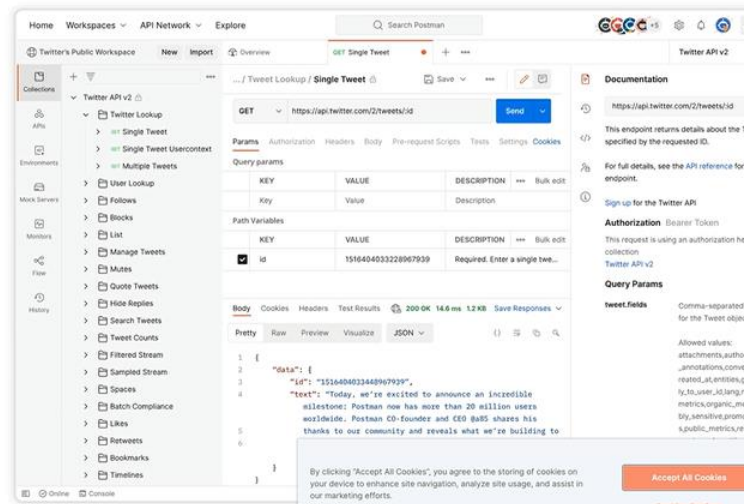
Access the Postman API Platform through your web browser. Create a free account, and you're in.

Try the Web Version

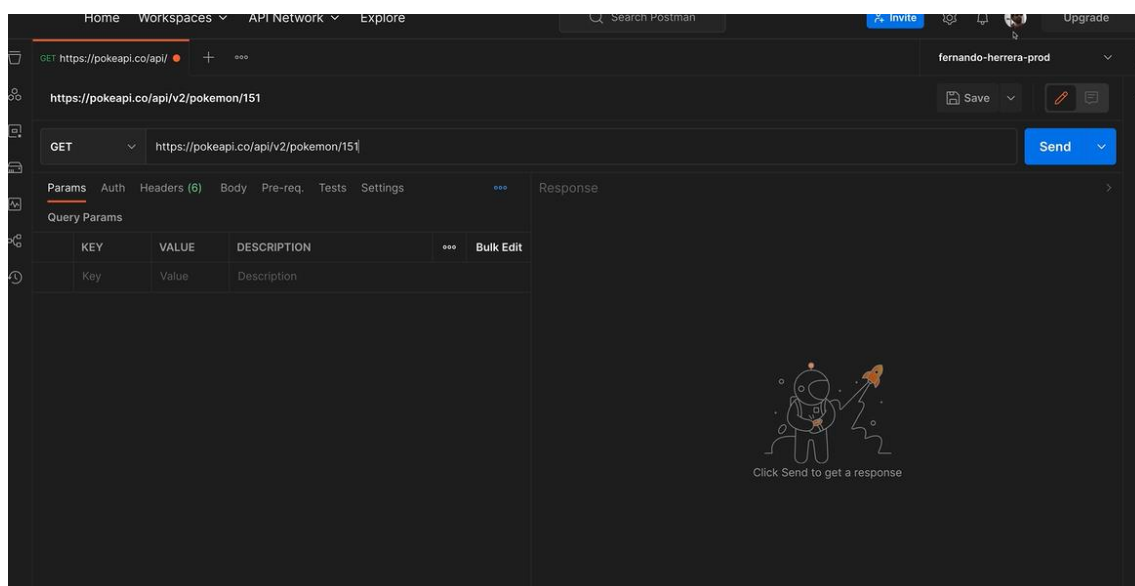
### Postman Enterprise

Postman Enterprise is designed for organizations who need to deploy Postman at scale.

[Learn more](#)

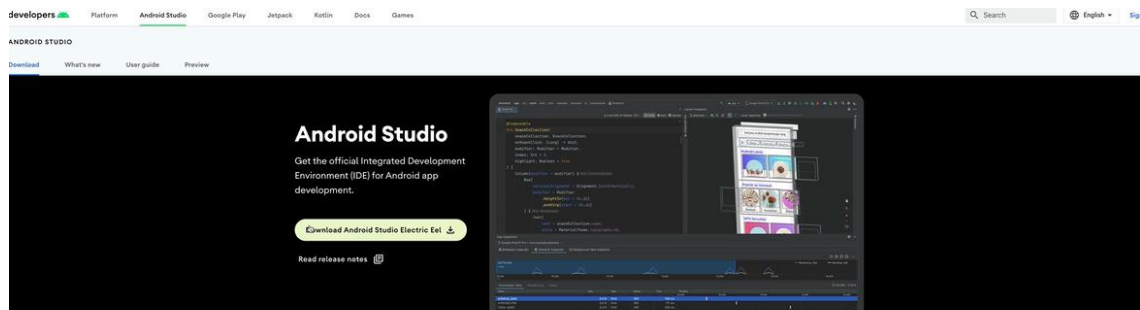


Y lo abrimos para verificar que este actualizado

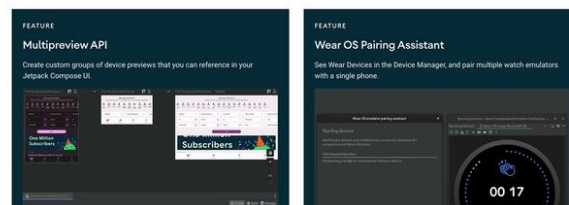




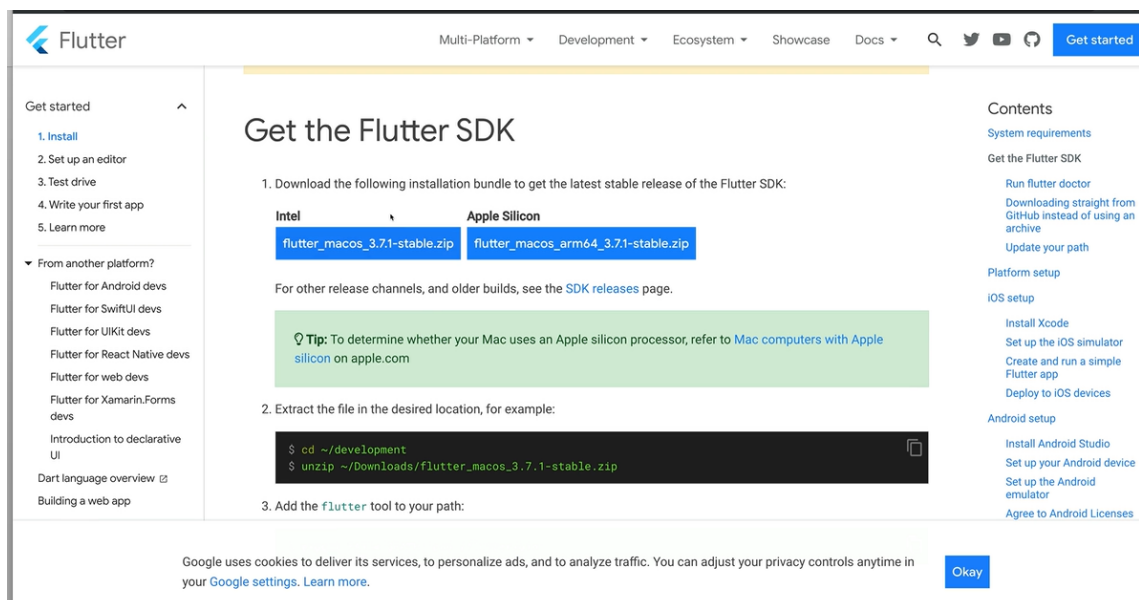
También necesitaremos que el Android Studio este instalado para despliegues, o tal vez emulaciones y configuraciones



#### New features



Luego de esto necesitaremos instalar el Flutter SDK





# Get the Flutter SDK

1. Download the following installation bundle to get the latest stable release of the Flutter SDK:

Intel

flutter\_macos\_3.7.1-stable.zip

Apple Silicon

flutter\_macos\_arm64\_3.7.1-stable.zip

For other release channels, and older builds, see the [SDK releases](#) page.

**Tip:** To determine whether your Mac uses an Apple silicon processor, refer to [Mac computers with Apple silicon](#) on apple.com

2. Extract the file in the desired location, for example:

Luego instalaremos algunas extensiones como :  
BLOC

The screenshot shows the Visual Studio Marketplace page for the 'bloc' extension. The page header includes the Visual Studio logo and the text 'Visual Studio Code > Programming Languages > bloc'. The main content area features the 'bloc' logo, the author 'Felix Angelov', and statistics: 290,556 installs, a 5-star rating (13 reviews), and 'Free' pricing. A description states: 'Support for the bloc library and provides tools for effectively creating blocs for both Flutter and AngularDart apps.' Below this are 'Install' and 'Trouble installing?' buttons. The page is divided into sections: 'Overview', 'Version History', 'Q & A', and 'Rating & Review'. The 'Overview' section includes a large 'bloc' logo, a GitHub repository link, and various badges for build status, code coverage, stars, version, and install count. The 'Installation' section states: 'Bloc can be installed from the VSCode Marketplace or by searching within VSCode.' The 'Commands' section contains a table with two columns: 'Command' and 'Description'. The table lists two commands: 'Bloc: New Bloc' (Generate a new Bloc) and 'Cubit: New Cubit' (Generate a new Cubit). The right sidebar contains 'Categories' (Programming Languages, Snippets), 'Tags' (angulardart, bloc, dart, flutter, snippet, state-management), 'Works with' (Universal), 'Resources' (Issues, Repository, Homepage, License, Changelog, Download Extension), 'Project Details' (felangel/bloc), and 'More Info' (Version: 6.6.2, Released on: 1/27/2019, 5:32:17 PM, Last updated: 10/5/2022, 7:53:27 PM, Publisher: Felix Angelov, Unique Identifier: FelixAngelov/bloc).


Command	Description
Bloc: New Bloc	Generate a new Bloc
Cubit: New Cubit	Generate a new Cubit





## Awesome Flutter Snippets :

Extension: Awesome Flutter Snippets X



### Awesome Flutter Snippets

v4.0.1

Neevash Ramdial (Nash) | 139,650 | ★★★★★ (4)

Awesome Flutter Snippets is a collection snippets and shortcuts for commonly used Flutter funct...

[Disable](#) [Uninstall](#) [Refresh](#) [Settings](#)

This extension is enabled globally.

Details	Feature Contributions	Changelog	Runtime Status
Flutter	Build method		Interface represented by the widget.
initS	InitState		Called when this object is inserted into the tree. The framework will call this method exactly once for each State object it creates.
dis	Dispose		Called when this object is removed from the tree permanently. The framework calls this method when the State object will never build.

#### Categories

Snippets


#### Extension Resources

[Marketplace](#)  
[Repository](#)  
[License](#)  
[Neevash Ramdial \(Nash\)](#)

[More Info](#)

## Terminal :

Extension: Terminal X



### Terminal

v0.0.10

Jun Han | 1,402,742 | ★★★★★ (14)

Terminal for Visual Studio Code

[Disable](#) [Uninstall](#) [Refresh](#) [Settings](#)

⚠ This extension is deprecated as it is no longer being maintained.

#### Details

## Terminal

Run terminal command directly in Text Editor

#### Notice

From v0.0.4, this extension will have limited updates for bug fix or feature development, because:

1. I have another extension: [Code Runner](#) which is superset of the Terminal extension since it not only supports powershell, bat/cmd, bash/sh but also supports

#### Categories

Other Languages

#### Extension Resources

[Marketplace](#)  
[Repository](#)  
[Jun Han](#)

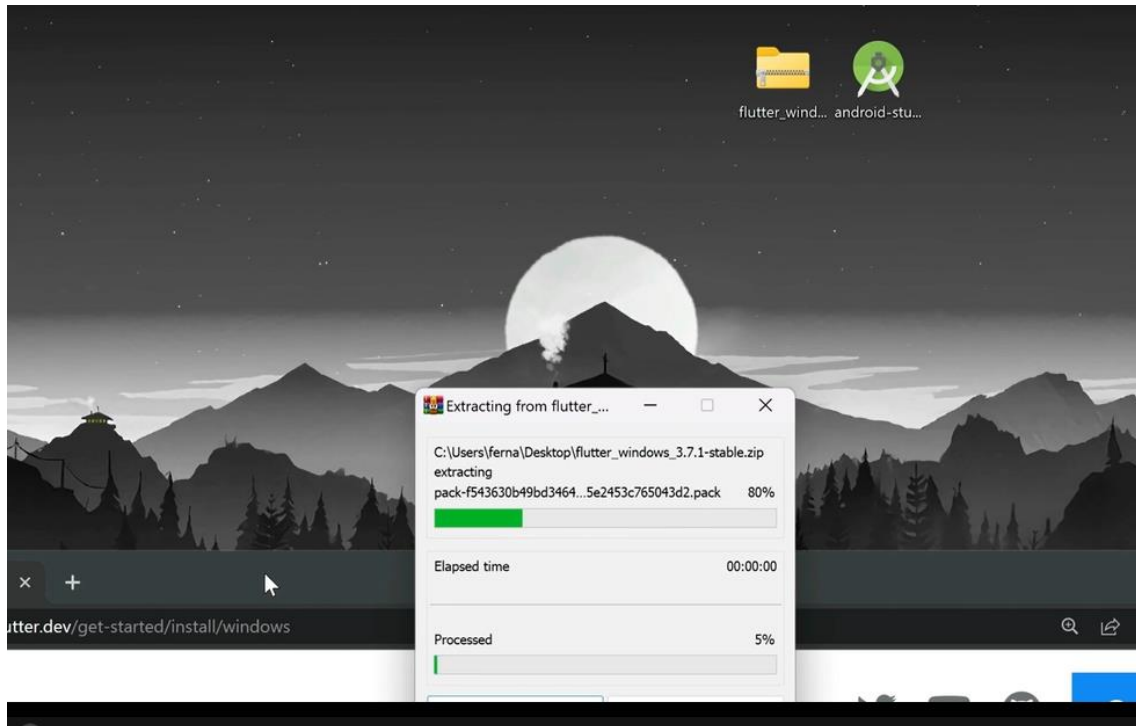
[More Info](#)

Y algunos otros que necesitaremos

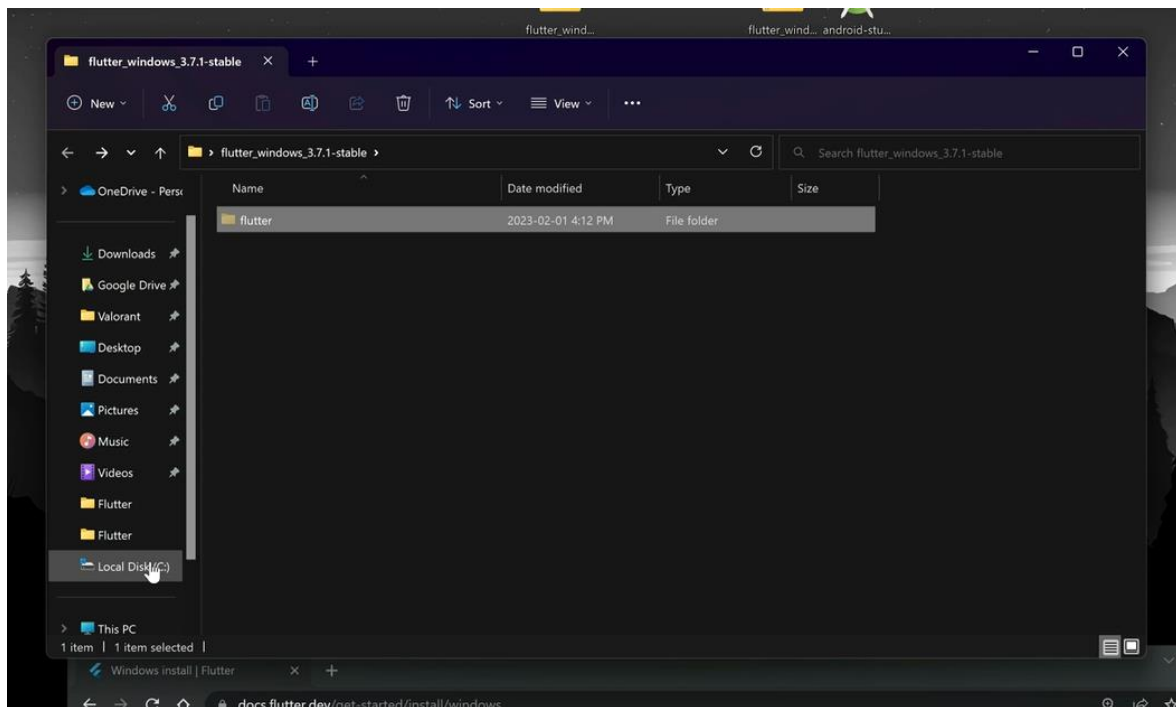


Ahora instalaremos Flutter en windows:

Primero descomprimos el archivo :



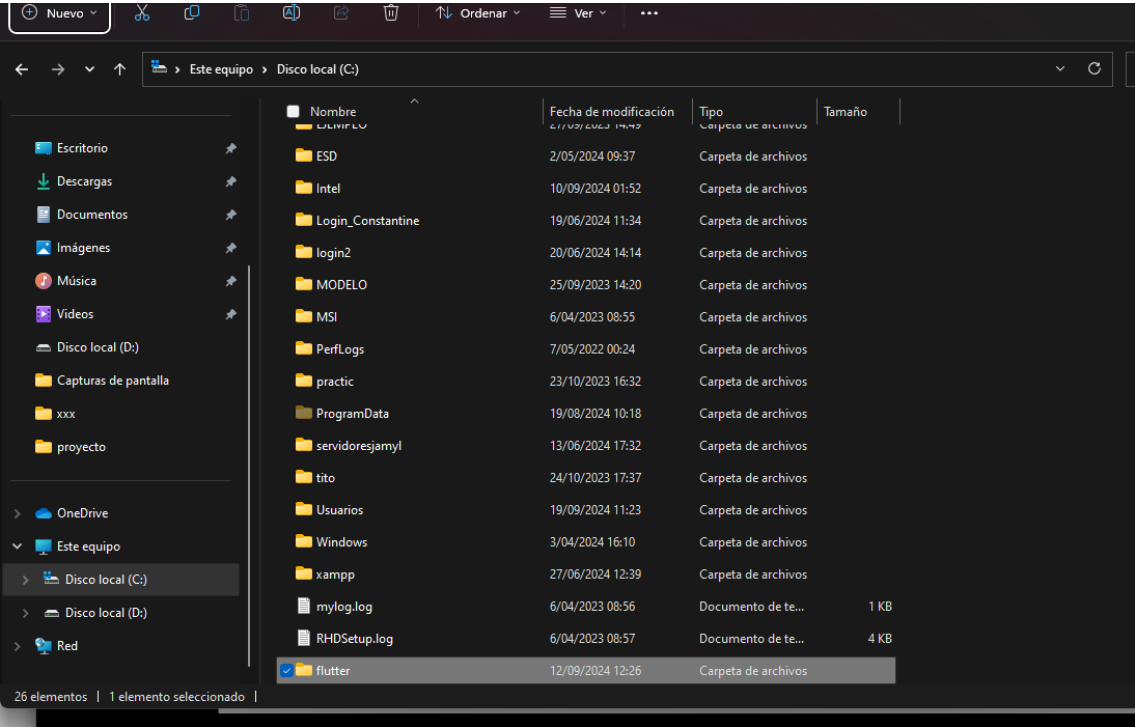
Despues de descomprimir  
cortamos y pegamos en el disco local C



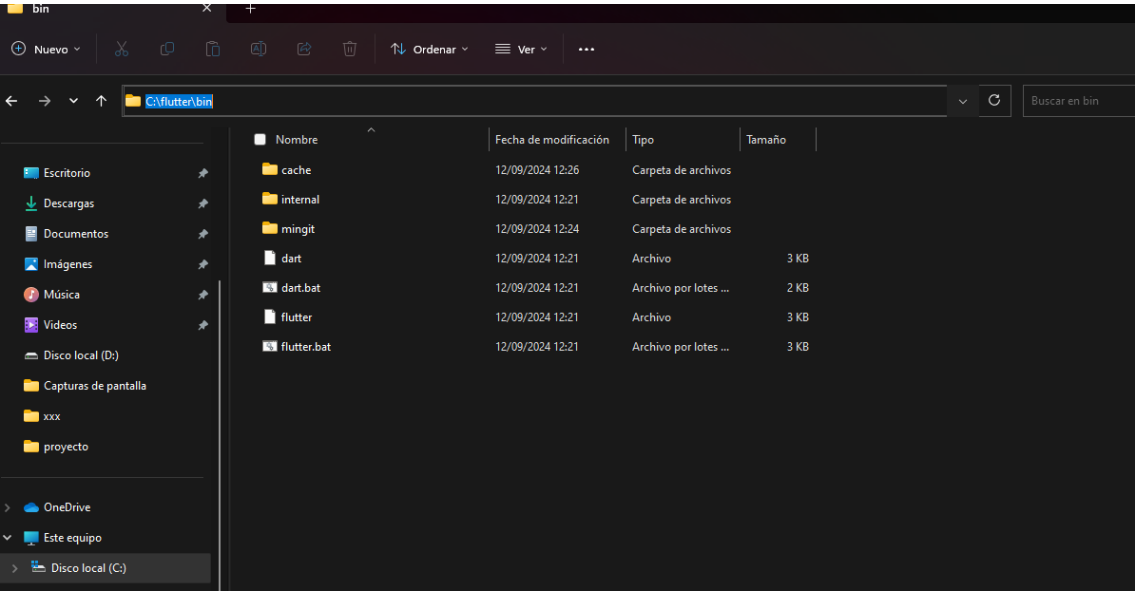




Y pegamos en el disco local C



Luego copiamos la ruta de la carpeta bin





Luego nos vamos al sistema y configuración avanzada para modificar las variables de entorno

**Sistema > Información**

DESKTOP-9JMMPLQ  
MS-7D20 Cambiar el nombre de este equipo

**Especificaciones del dispositivo** Copiar

Nombre del dispositivo	DESKTOP-9JMMPLQ
Procesador	11th Gen Intel(R) Core(TM) i5-11400 @ 2.60GHz 2.59 GHz
RAM instalada	8.00 GB (7.81 GB utilizable)
Id. del dispositivo	629BBC6C-F00F-40E1-BC65-CE510C2D0428
Id. del producto	00331-10000-00001-AA218
Tipo de sistema	Sistema operativo de 64 bits, procesador x64
Lápiz y entrada táctil	La entrada táctil o manuscrita no está disponible para esta pantalla

**Vínculos relacionados** [Dominio o grupo de trabajo](#) [Protección del sistema](#) [Configuración avanzada del sistema](#)

**Especificaciones de Windows** Copiar

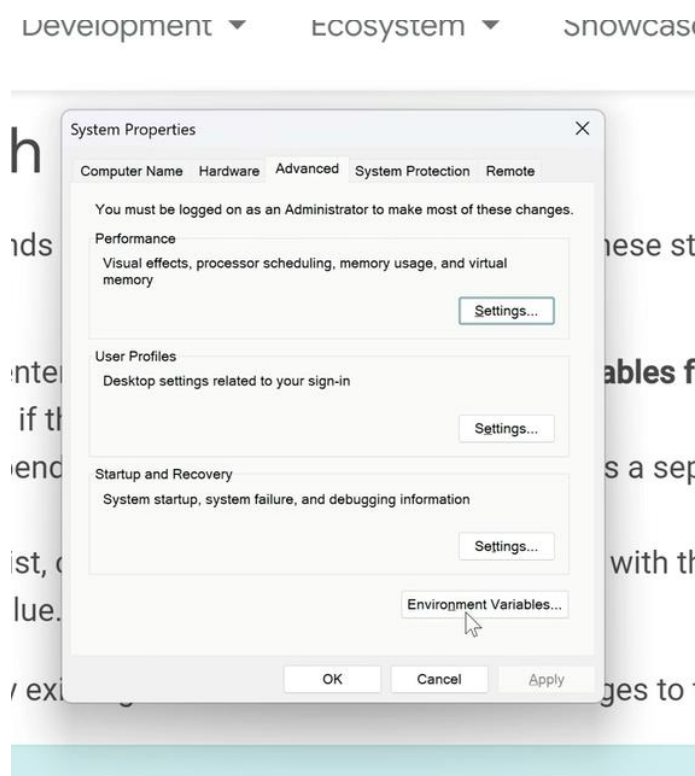
Edición	Windows 11 Pro
Versión	22H2
Se instaló el	24/08/2023
Compilación del SO	22621.2134
Experiencia	Windows Feature Experience Pack 1000.22659.1000.0

[Contrato de servicios de Microsoft](#)  
[Términos de licencia del software de Microsoft](#)

**Relacionado**

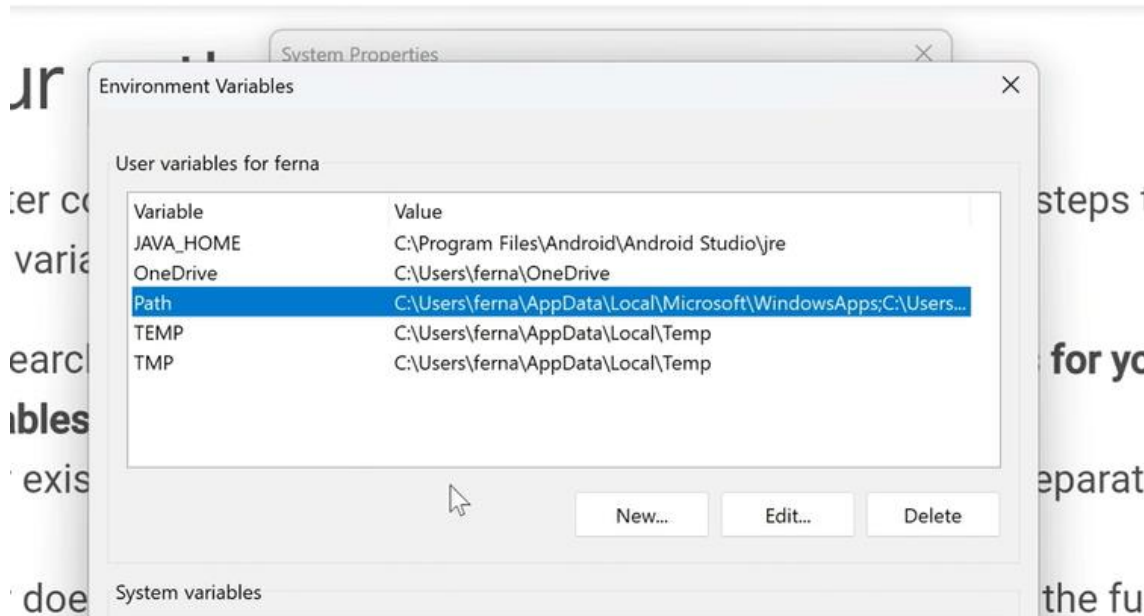
- [Intercambiar o reciclar el equipo](#)
- [Clave de producto y activación](#)  
Cambiar la clave de producto o actualizar la edición de Windows

Hacemos click en variables de entorno

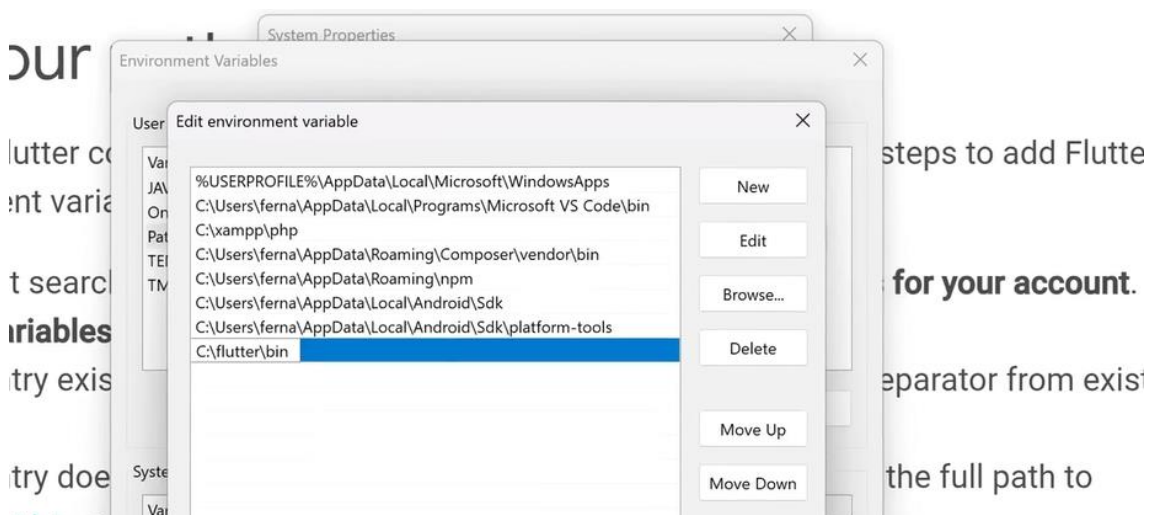




Damos click en Path



Editamos y agregamos la ruta de la carpeta que copiamos  
Luego aceptamos y salimos





Ya tenemos instalado y abrimos el powershell de windows y presionamos flutter doctor

```
Copyright (C) Microsoft Corporation. Todos los derechos reservados.  
Instale la versión más reciente de PowerShell para obtener nuevas características.  
PS C:\Users\user> flutter doctor  
  
Welcome to Flutter! - https://flutter.dev
```

```
mime 1.0.2 (1.0.4 available)  
multicast_dns 0.3.2+2 (0.3.2+3 available)  
native_stack_traces 0.5.2 (0.5.5 available)  
path 1.8.2 (1.8.3 available)  
sse 4.1.1 (4.1.2 available)  
test 1.22.0 (1.22.2 available)  
test_api 0.4.16 (0.4.18 available)  
test_core 0.4.20 (0.4.22 available)  
vm_service 9.4.0 (10.1.2 available)  
web_socket_channel 2.2.0 (2.3.0 available)  
webdriver 3.0.1 (3.0.2 available)  
Got dependencies in ..\..\flutter\packages\flutter_tools!  
Doctor summary (to see all details, run flutter doctor -v):  
[✓] Flutter (Channel stable, 3.7.1, on Microsoft Windows [Version 10.0.22621.1105], locale en-CA)  
[✓] Windows Version (Installed version of Windows is version 10 or higher)  
[!] Android toolchain - develop for Android devices (Android SDK version 33.0.1)  
    X Cannot execute C:\Program Files\Android\Android Studio\jre\bin\java to determine the version  
[✓] Chrome - develop for the web  
[X] Visual Studio - develop for Windows  
    X Visual Studio not installed; this is necessary for Windows development.  
      Download at https://visualstudio.microsoft.com/downloads/.  
      Please install the "Desktop development with C++" workload, including all of its default components  
[!] Android Studio (version 2022.1)  
    X Unable to find bundled Java version.  
[✓] VS Code (version 1.75.0)  
[✓] Connected device (3 available)  
[✓] HTTP Host Availability
```



De esta manera se actualizara el flutter por si hay algunas y debe terminar asi al color flutter doctor

```
Windows PowerShell

Please install the "Desktop development with C++" workload, including all of its default co
[✓] Android Studio (version 2024.1)
[✓] VS Code (version 1.93.1)
[✓] Connected device (3 available)
[✓] Network resources

! Doctor found issues in 1 category.
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 [Versi n 10.0.22621.2134], 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)
[✓] Chrome - develop for the web
[X] 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 co
[✓] Android Studio (version 2024.1)
[✓] VS Code (version 1.93.1)
[✓] Connected device (3 available)
[✓] Network resources

! Doctor found issues in 1 category.
PS C:\Users\user> _
```

Asi finalizamos la instalaci n.

