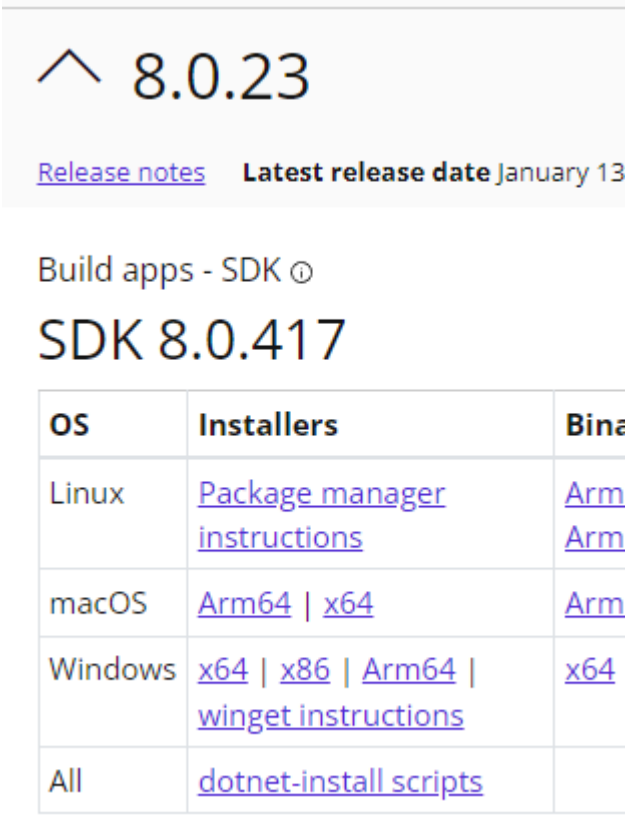
Setting up Unity and Visual Studio Code

1. Download and Install .NET 8.0



Download and install **.NET SDK 8.0** from the official Microsoft website.

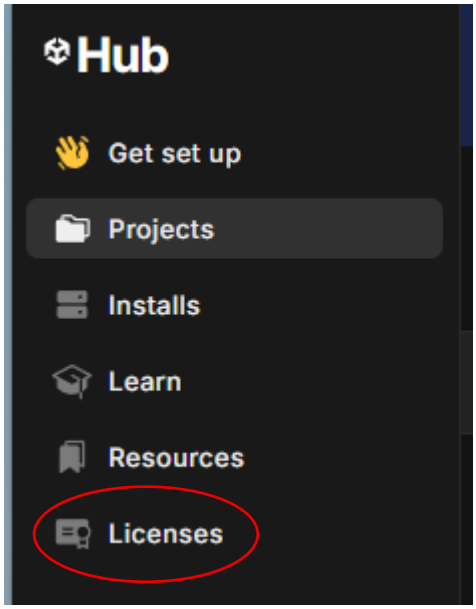
Make sure the installation completes successfully. You can verify it by opening Command Prompt and running.
dotnet --version

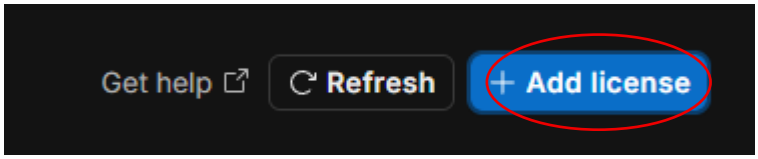
2. Download and install Unity Hub

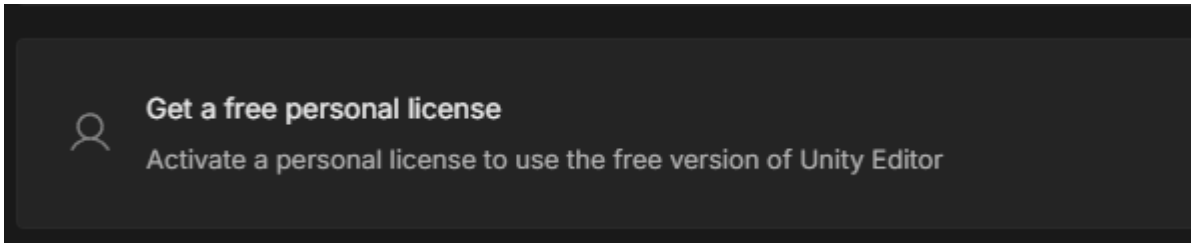
https://unity.com/download

Create a Unity account if you don't already have one and sign in using Unity Hub.

After signing in, go to **Settings → Licenses** inside Unity Hub.
Click **Add License → Get a free personal license** and activate it.





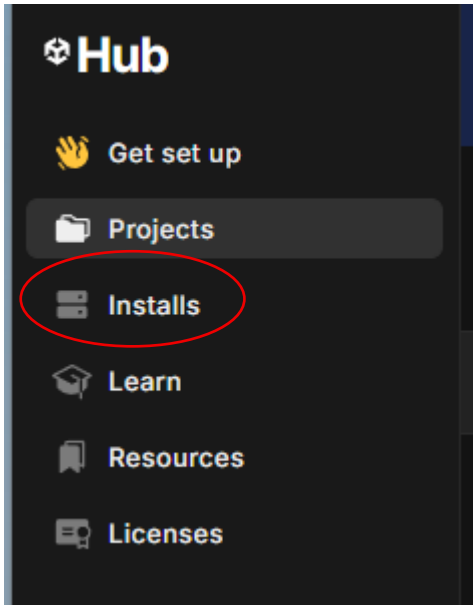


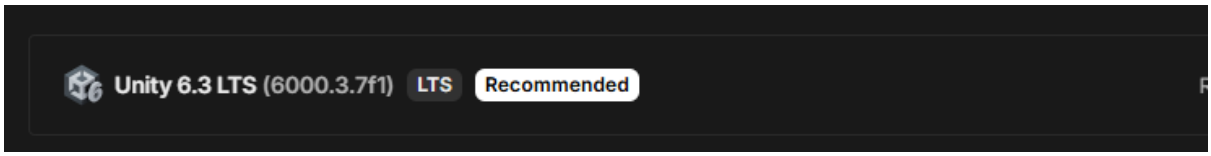
Go to the **Installs** tab in Unity Hub.

Click **Install Editor** and download **Unity 6.3 LTS**.

You do not need to install any additional modules at this stage.

If required, you can change the download and install location of Unity editors by going to **Settings → Installs** in Unity Hub before installing.

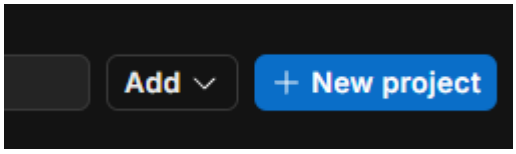




3. Setting up VSC with Unity

Open **Visual Studio Code**.
Go to the Extensions panel and install **C# (by Microsoft)**.

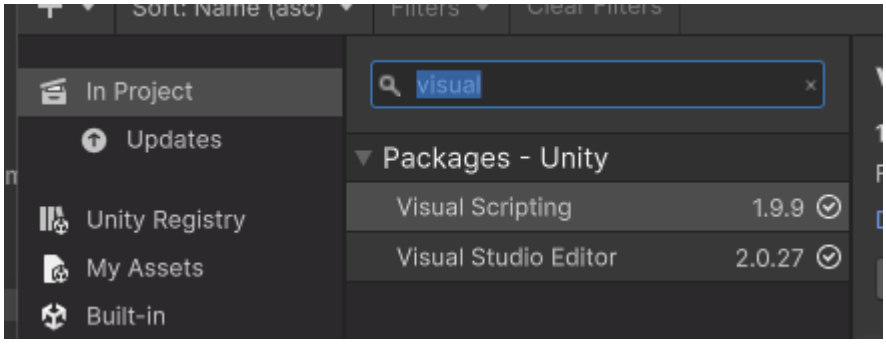
Open Unity Hub and create a **New Project**.
Select the **Universal 3D** template.
Set the project name and location.
Click **Create Project**.

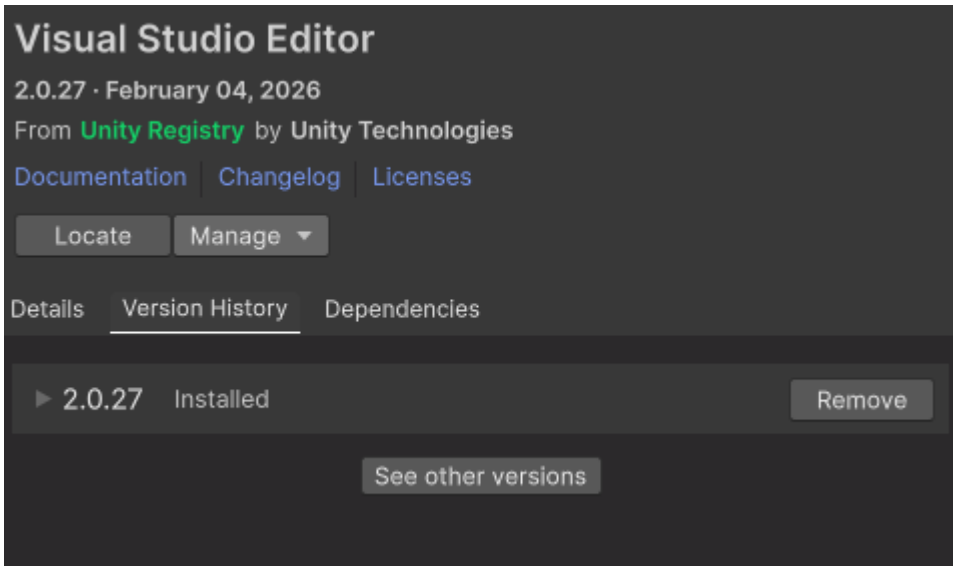


Inside Unity, open the **Package Manager** by going to
Window → Package Management → Package Manager

In the Package Manager window, set the dropdown to **In Project**.
Search for **Visual Studio Editor**.
Update it to the latest version.

If it is not installed, install it first and then update.

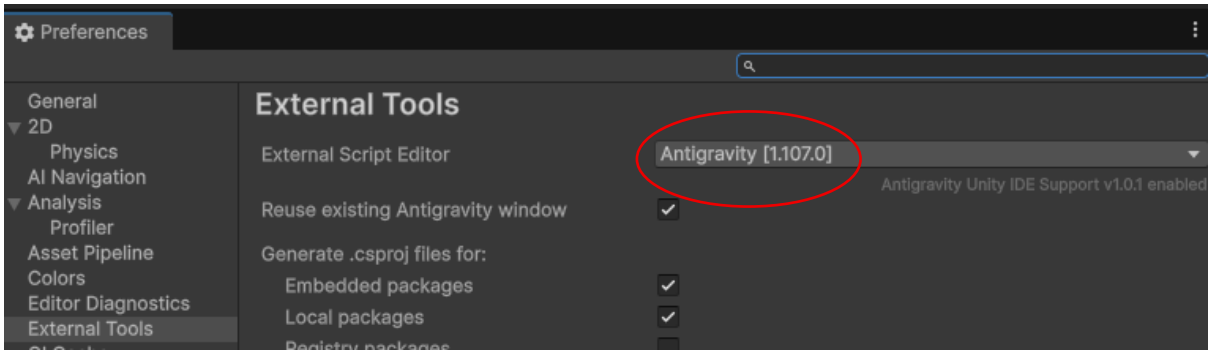


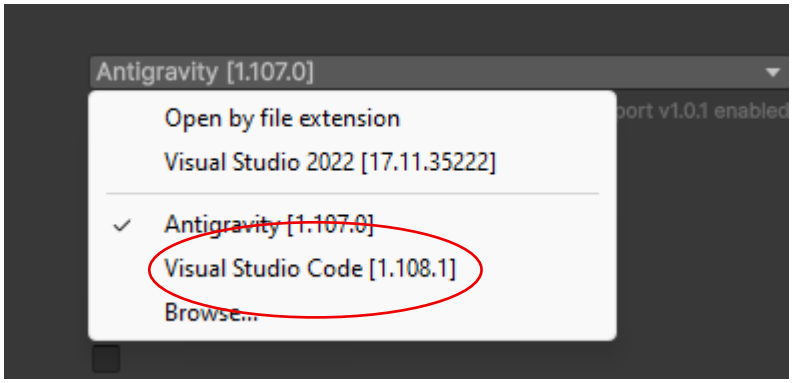


Now go to
Edit → Preferences → External Tools

Set **External Script Editor** to **Visual Studio Code**.
If Visual Studio Code does not appear in the dropdown, click **Browse** and locate the VS Code executable manually.

After selecting the editor, click **Regenerate Project Files**.


Preferences
General
2D
Physics
AI Navigation
Analysis
Profiler
Asset Pipeline
Colors
Editor Diagnostics
External Tools
External Tools
External Script Editor
Antigravity [1.107.0]
Antigravity Unity IDE Support v1.0.1 enabled
Reuse existing Antigravity window
Generate .csproj files for:
Embedded packages
Local packages


Antigravity [1.107.0]
Open by file extension
Visual Studio 2022 [17.11.35222]
Antigravity [1.107.0]
Visual Studio Code [1.108.1]
Browse...