

Uninstall these program

1. Type this into the windows 10 search
 - Add or remove programs
2. Click what pops up
3. Uninstall these programs
 - CMake
 - Cursor
 - Git
 - Microsoft Visual C++
 - Msys2

Manually delete these folders

- CMake
 - C:\Users\marcc\AppData\Local\CMakeTools
- Cursor
 - C:\Users\marcc\cursor
 - C:\Users\marcc\cursor-tutor
 - C:\Users\marcc\AppData\Local\cursor-updater
 - C:\Users\marcc\AppData\Local\Programs\cursor
 - C:\Users\marcc\AppData\Roaming\Code
 - C:\Users\marcc\AppData\Roaming\Cursor
- Git
 - C:\Program Files\Git
- Microsoft Visual C++
 - C:\ProgramData\Intel\GCC
 - C:\Windows\System32\config\systemprofile\AppData\Local\Intel\GCC

Creating these folders

1. Desktop
2. Cursor
3. Projects

4. fly

Preventing errors when running executables

1. Open “AVG AntiVirus Free”
2. Click “Menu”
3. Click “Settings”
4. Click “Basic protection”
5. Uncheck “Enable CyberCapture”
6. Close “AVG AntiVirus Free”

Installing Git

1. Go to
 - <https://git-scm.com/download/win>
2. Under “Standalone Installer”, click “64-bit Git for Windows Setup”
3. Run the newly-downloaded exe file
4. Keep clicking “Next” until the installation begins

Installing MSYS2

1. Go to
 - <https://www.msys2.org/>
2. To the right of “Download the installer”
 - Click the button here
3. Run the newly-downloaded exe file
4. Click “Next” 3 times
5. Click “Finish”
6. Run this command in the newly-opened command prompt
 - Update all packages
 - `pacman -Syu`
 - Fly
 - `pacman -S mingw-w64-x86_64-glew`
 - `pacman -S mingw-w64-x86_64-ninja`

- `pacman -S mingw-w64-x86_64-sfml`
- Compile
 - `pacman -S mingw-w64-x86_64-cmake`
 - `pacman -S mingw-w64-x86_64-gcc`
- Debug
 - `pacman -S mingw-w64-x86_64-gdb`

Add to PATH

1. Type this into the windows 10 search
 - Edit the system environment variables
2. Click what pops up
3. Click “Environment Variables”
4. Under “System variables”, click “Path”
5. Click “Edit”
6. 1
 - Copy this text
 - `C:\msys64\mingw64\bin`
 - Click “new”
 - Paste using “Ctrl + V”
 - Press the “Enter” key
7. 2
 - Copy this text
 - `C:\Program Files\Git\cmd`
 - Click “new”
 - Paste using “Ctrl + V”
 - Press the “Enter” key
8. Click “OK” 3 times

Installing Cursor

1. Go to
 - <https://cursor.sh/>

2. Click “Download for windows”
3. Wait for Cursor to automatically open
4. Click “Continue”
5. Click “Log In”
6. Click “Continue with GitHub”
7. Log in with my GitHub login information
8. Drag the newly-created shortcut on my Desktop into the newly-created “Cursor” folder

Installing extensions, in Cursor

1. In the left-middle, click the button with 4 blocks
2. Download these extensions
 - C/C++ extension pack
 - Indent-rainbow
 - Prettier - Code formatter
 - TODO Highlight

Opening the project

1. Click “File”
2. Click “Open Folder”
3. Click the “fly” folder
4. Click “Select Folder”

Setting up the GitHub

1. Under “Source Control”
 - Click
 - Initialize Repository
2. To the right of “Source Control”
 - Click
 - ...
 - Hover over

- Remote
 - Click
 - Add Remote
 - Add remote from GitHub
 - Allow
 - iPhone
 - Take a photo of the code on my screen
 - Click
 - Copy & Continue to GitHub
3. In GitHub popup webpage
- Type
 - The code that I just took a photo of
 - Click
 - Authorize Visual-Studio-Code
 - Type
 - DUO Mobile authenticator code
4. In the top-middle of Cursor
- Click
 - marc-caramello/fly
 - Type
 - CurrentRemote
 - Press this keyboard key
 - Enter
5. To the right of “Source Control”
- Click
 - ...
 - Hover over
 - Pull, Push
 - Click
 - Pull from...
 - CurrentRemote/main

6. In the terminal, inside Cursor
 - Run these commands
 - `git config --global user.email "marc.caramello@gmail.com"`
 - `git config --global user.name "Marc Caramello"`
7. Any random file
 - Make 1 insignificant change
8. Under “Source Control”
 - Type
 - This is a test
 - Click
 - Publish Branch
9. Any random file
 - Make 1 insignificant change
10. Under “Source Control”
 - Type
 - This is another test
11. To the right of “Commit”
 - Click
 - ↓
 - Commit & Push
 - Yes

Compiling for the 1st time

1. List of files on Cursor
 - Right-click
 - CMakeLists.txt
 - Click
 - Clean Reconfigure All Projects
 - GCC