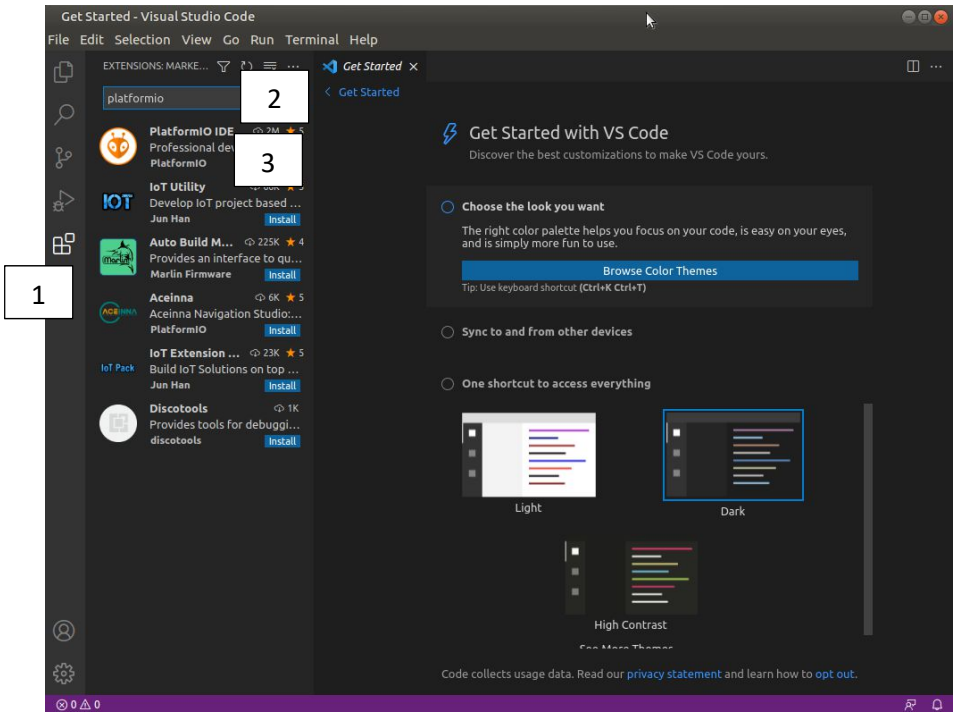
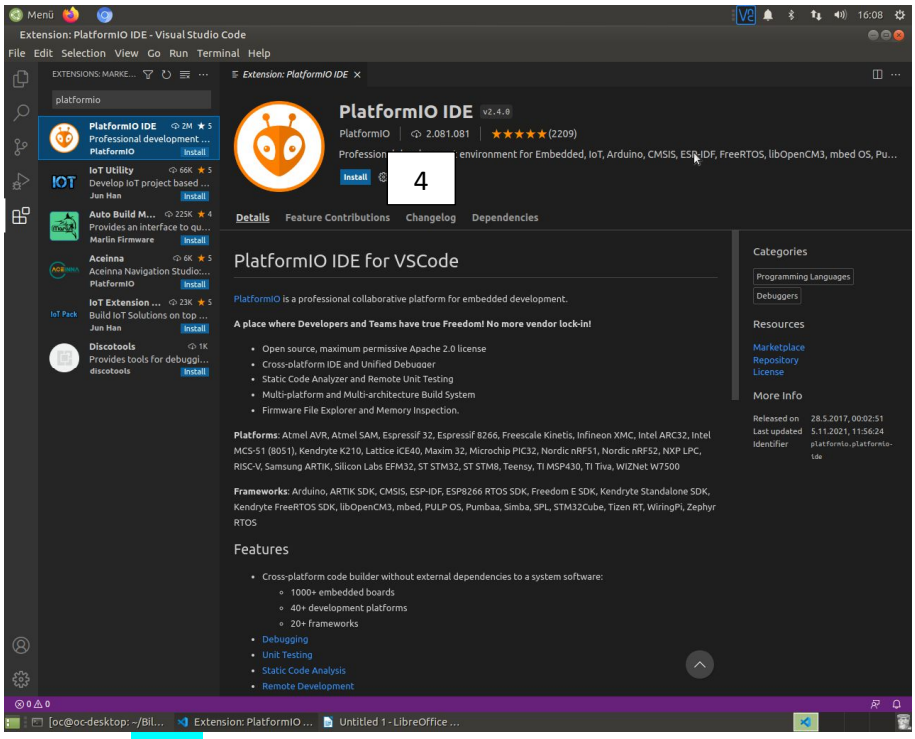
Instructions VisualStudio Code

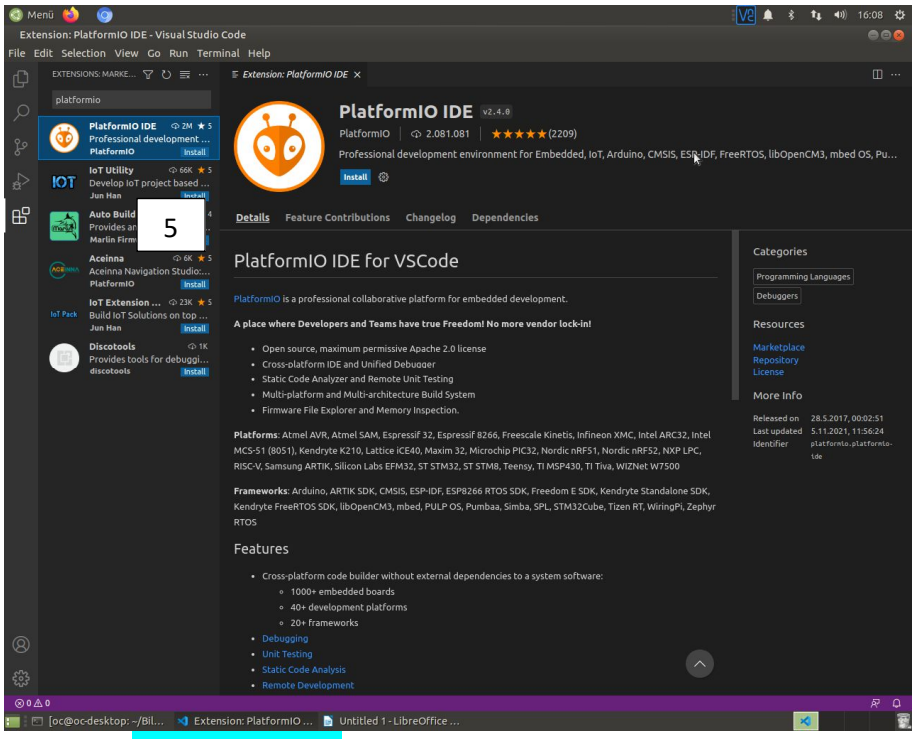
Download the respective VisualStudio Code (https://code.visualstudio.com/Download) and install. Start VS Code.



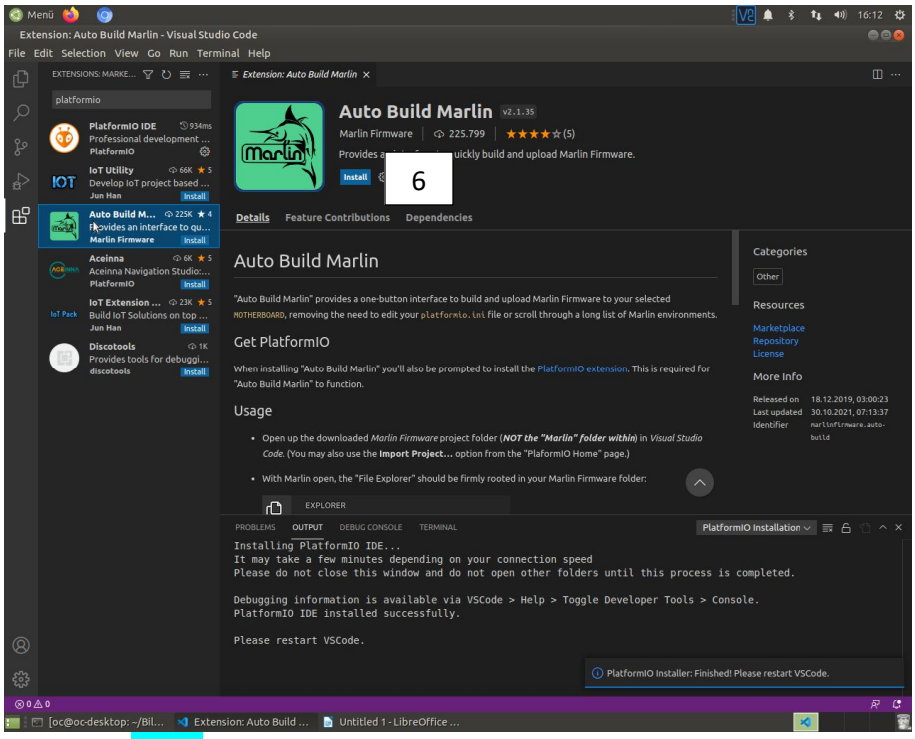
1. Click on Extensions.
2. In the search field, type ‘platformio’.
3. Click on PlatformIO IDE.



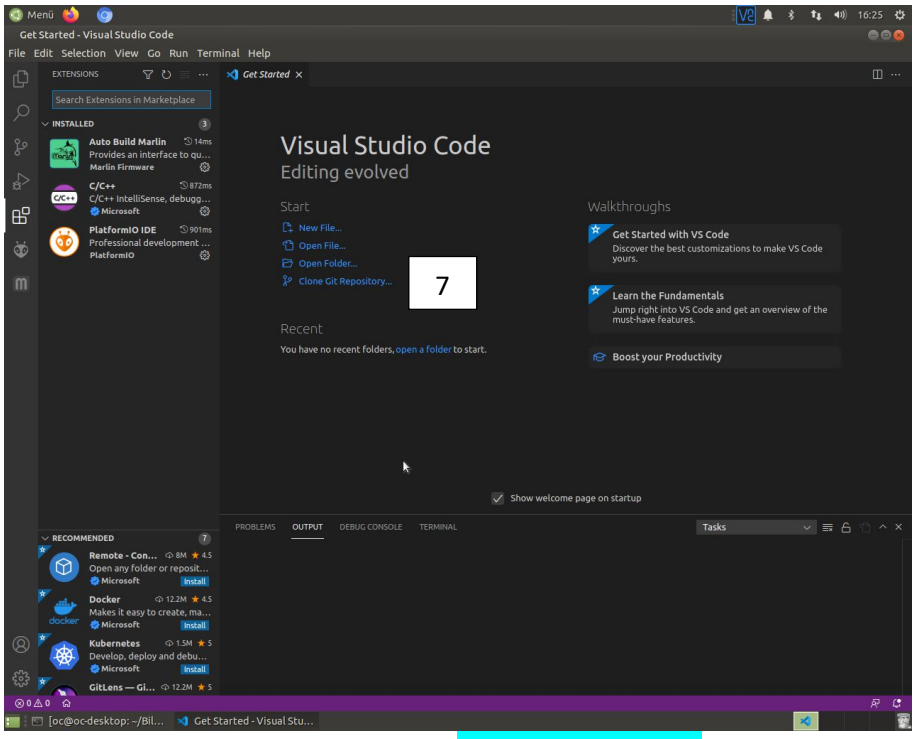
4. Click on install.



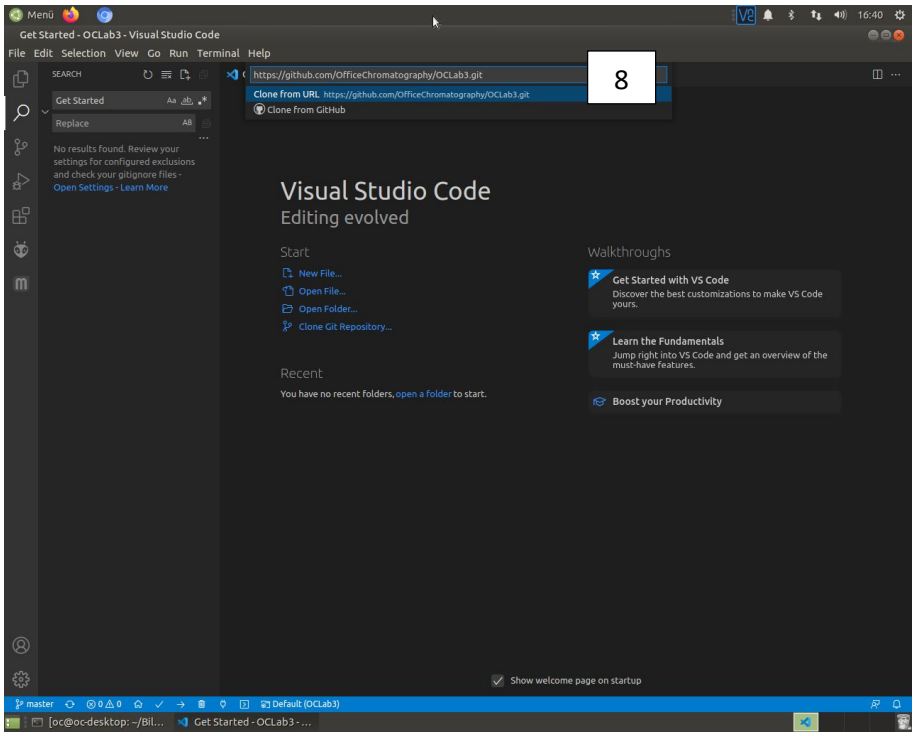
5. Click on Auto Build Marlin.



6. Click on install.

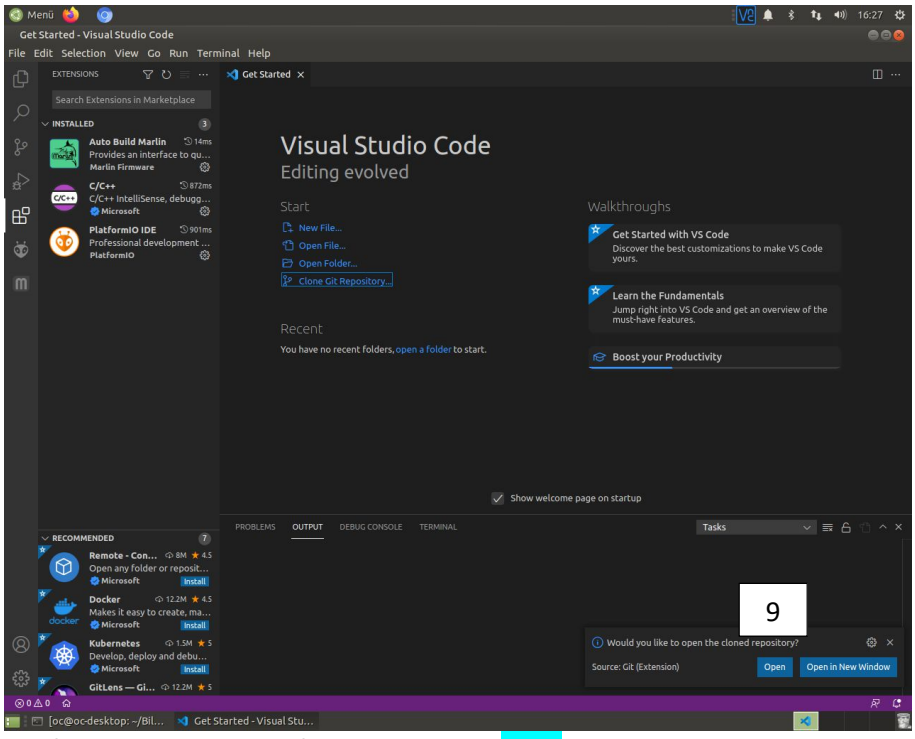


7. In the Get Started window, click on Clone Git Repository.
(The Get Started window is available under the Help tab)

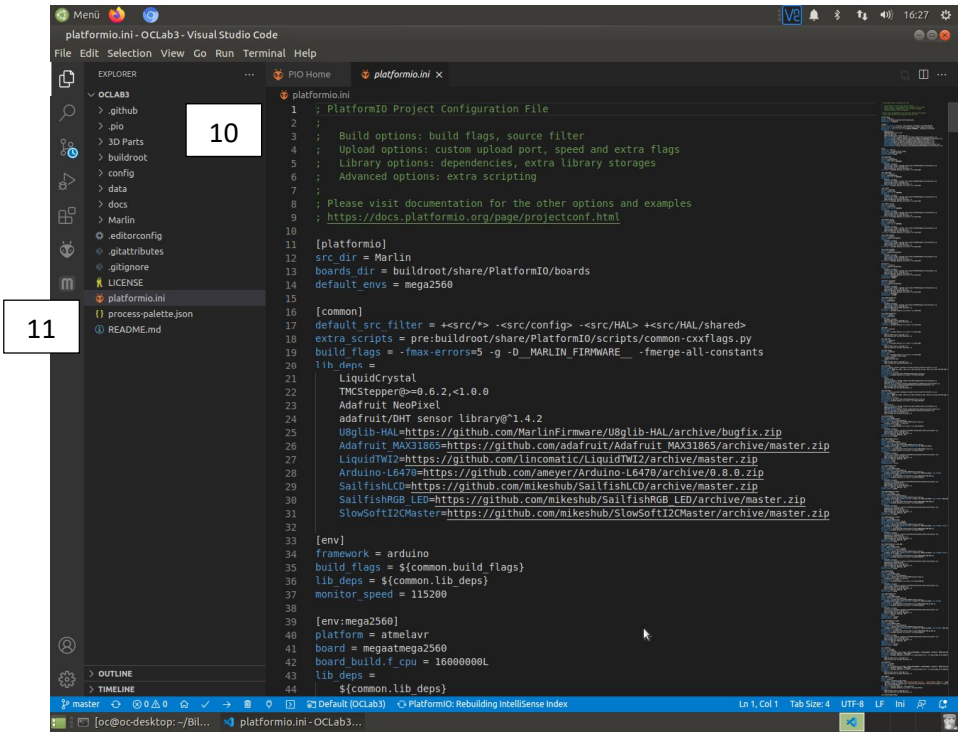


8. Copy and paste the repo adress: https://github.com/OfficeChromatography/OCLab3.git

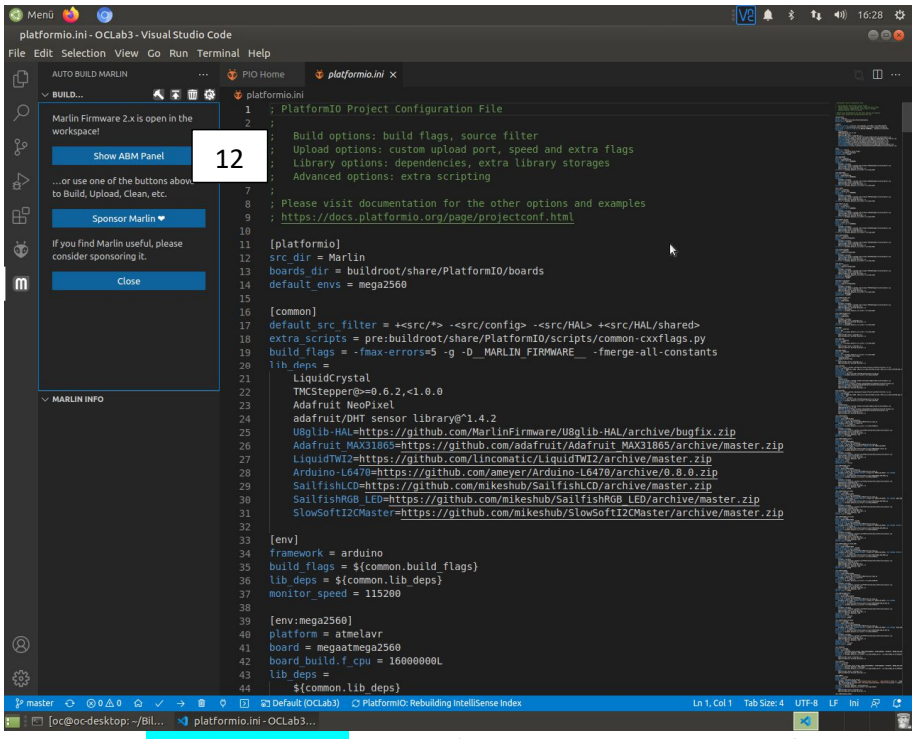
You will be asked where to save the project. Please select a folder.



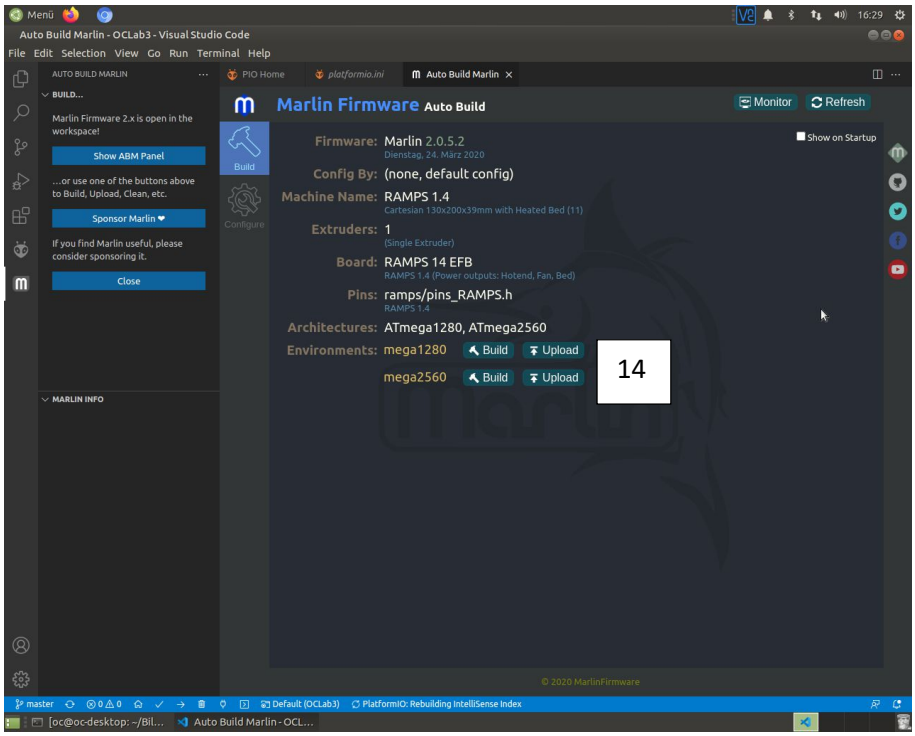
9. After the download is finished, click on open.



10. The folder structure of OCLab3 will be presented in the ‘Explorer’ and platformio.ini will open.
11. Click on the Marlin icon and a new window will open.



12. Click on Show ABM Panel and the 'Marlin Firmware Auto Build' window will open, presenting the upload pre-settings of platformio.ini.



13. Using an USB printer cable, connect your Arduino with your PC.
14. Click on the respective Upload buttom; probably you will have an Arduino Mega 2560 with 256 KB Flash (mega2560). The debugging will start followed by uploading the firmware onto the Arduino.

Hopefully the process will finish with the message 'success'.