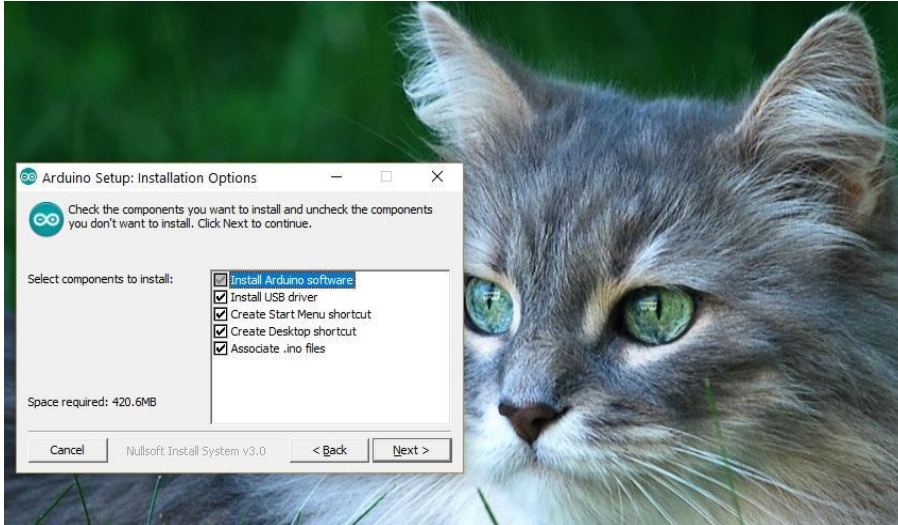# How to install Arduino software on Windows 10

1. [Download Arduino IDE](#) to your Windows PC.
1. Wait until the download process completes > install the software and choose the components that you want to install, as well as the install location
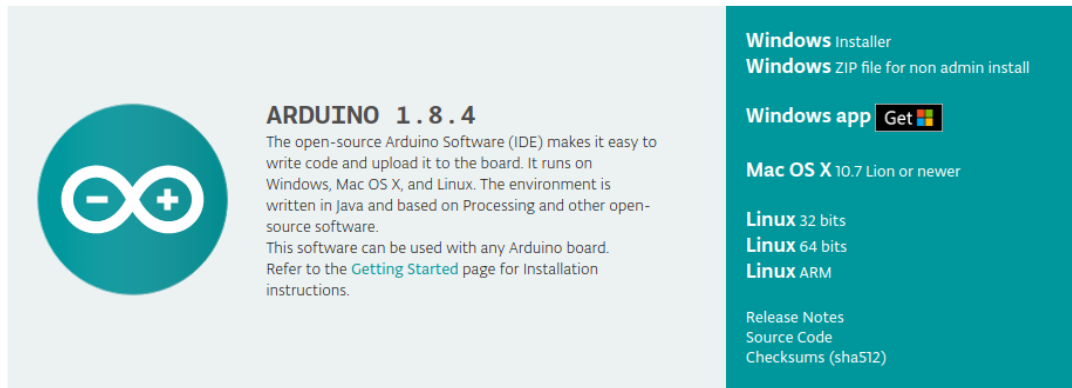

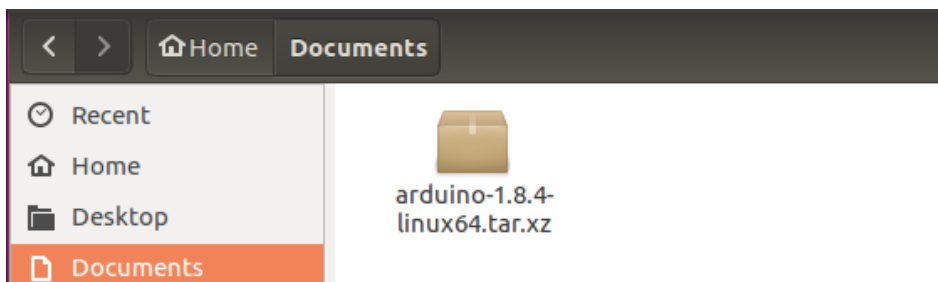1. Accept driver installation when prompted by Windows 10

From <https://windowsreport.com/arduino-software-drivers-windows-10/>

Install Arduino IDE in Linux

Go to the Arduino Webpage and Download the proper file for your linux distribution (32 or 64 bits).
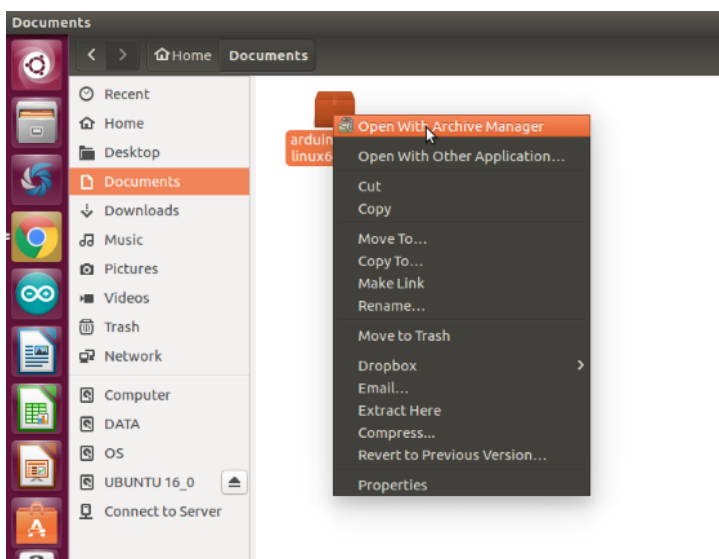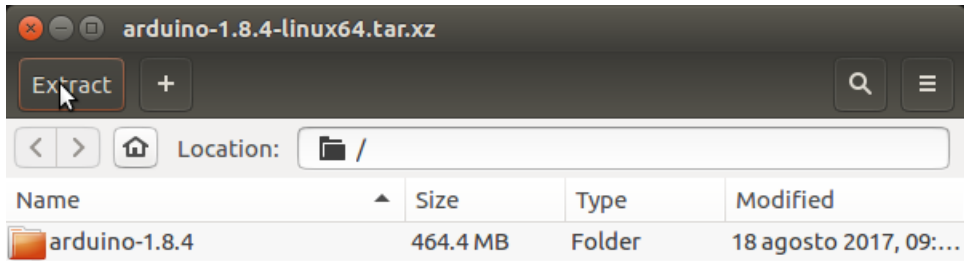
https://www.arduino.cc/en/Main/Software

After downloading go to the directory where the file is located.
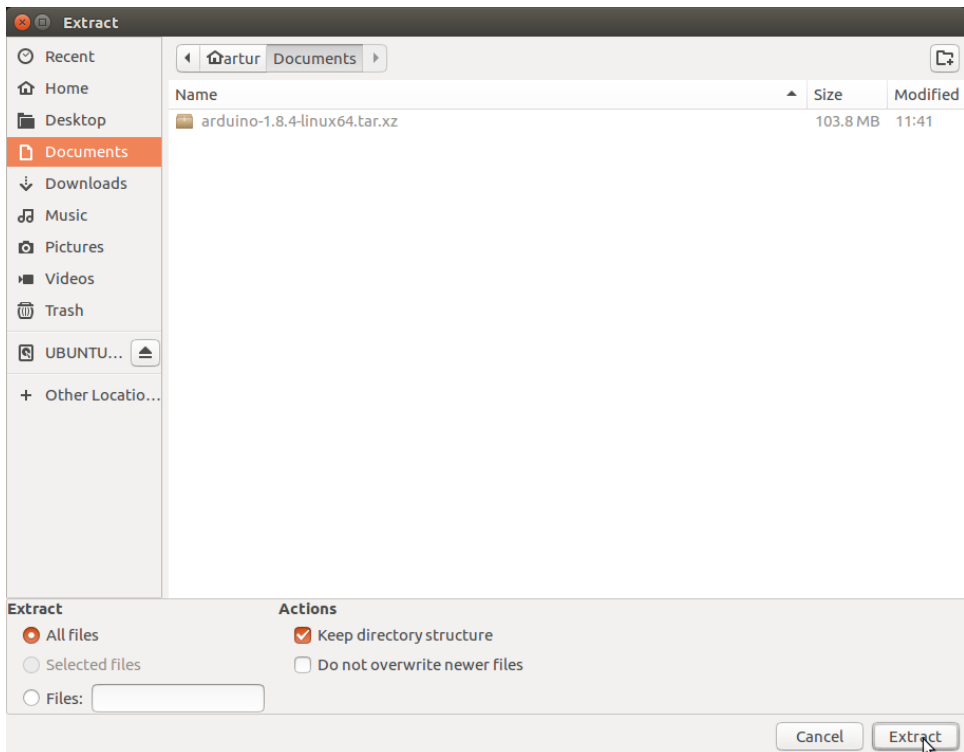

Right click on the file and select open with the archive manager.
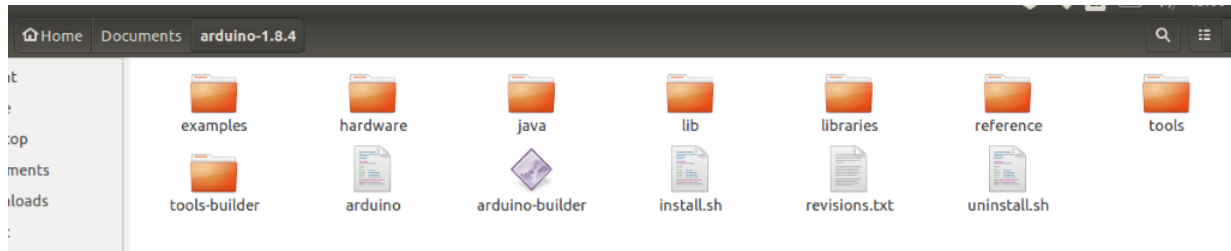
In the archive manager select Extract.

Extract the file wherever you want. (Here will be extracted in ==Documents==). Then click Extract.

After this you will have a new folder (called arduino-*.*.*).

Open the folder to watch its contents. You can see that there exists a file named install.sh. We will execute the file from the terminal.
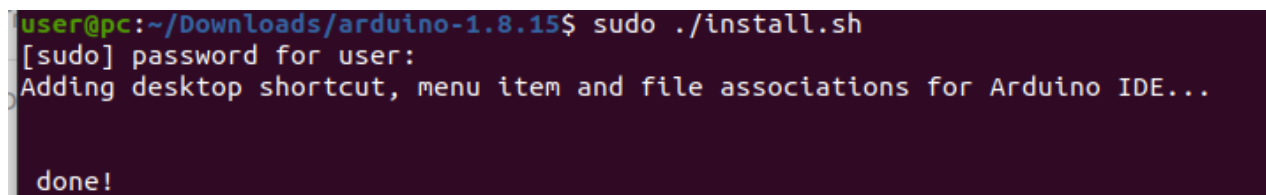

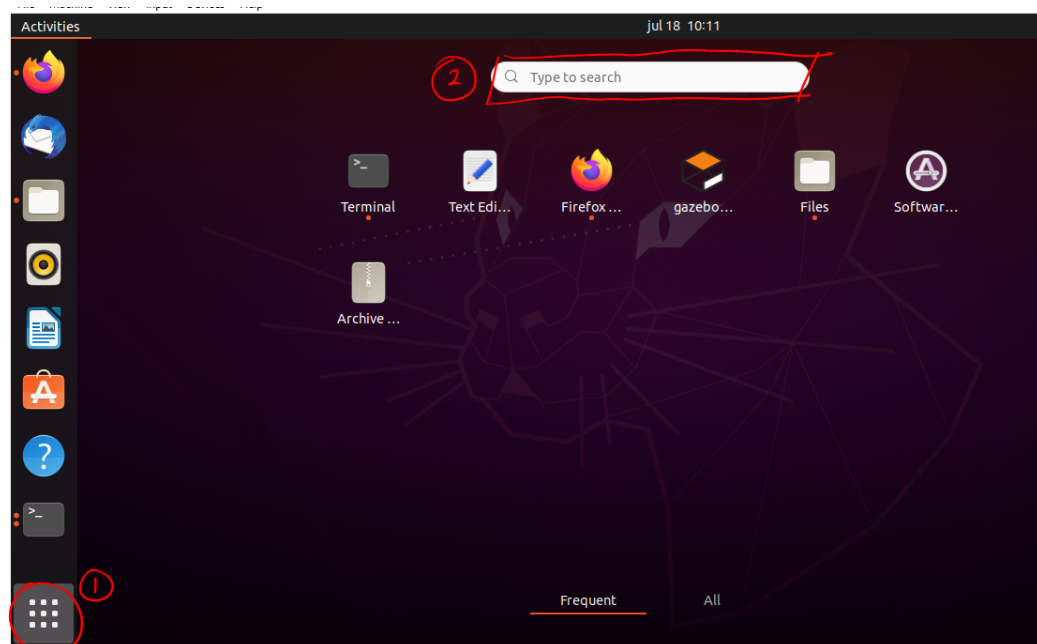Open a new terminal and move to the directory where you extracted the arduino folder.
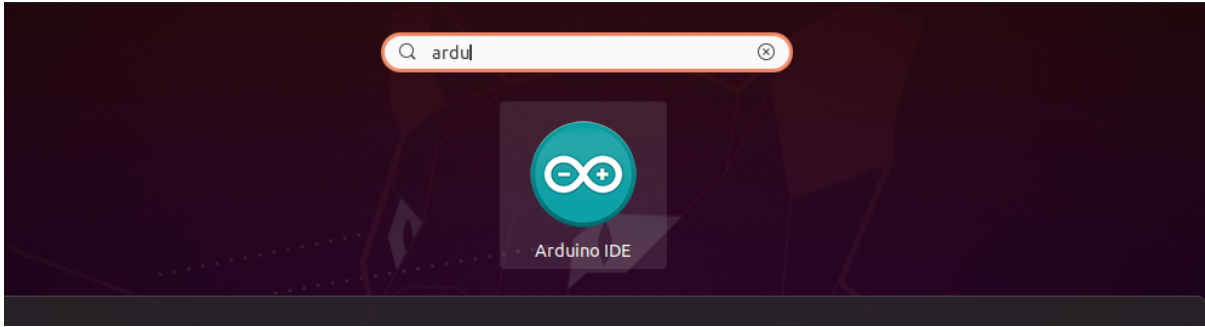
$ cd ~/Documents/arduino-1.8.4

And execute the install.sh file

$ sudo ./install.sh

Look for Arduino in the taskbar and open it to check it is working.

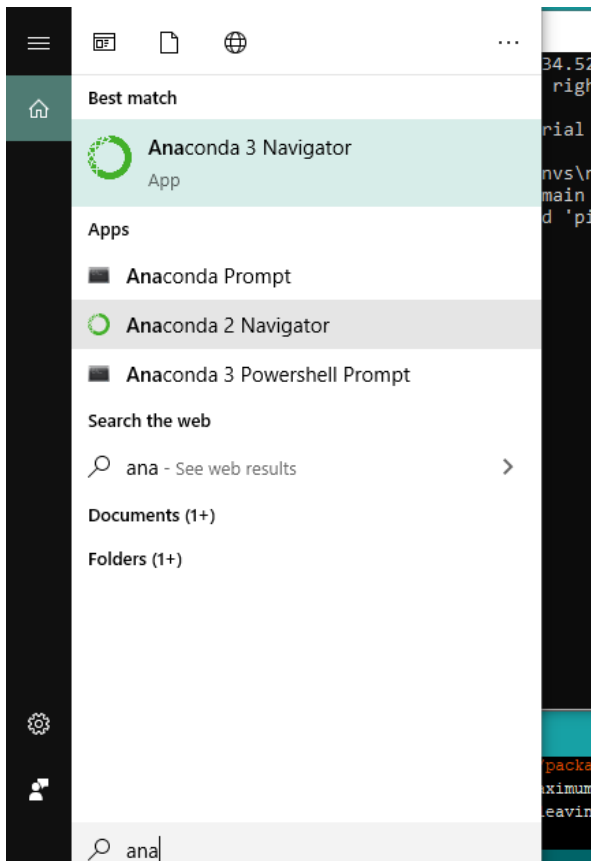That's all!! Now you have the arduino IDE in linux.

Activate conda environment in windows

https://stackoverflow.com/questions/43207427/using-anaconda-environment-in-atom

Look for anaconda 3 Powershell Prompt

Activate the environment
  $ conda activate novus_monsieur

Open Atom
  $ atom --new-instance

Look for:
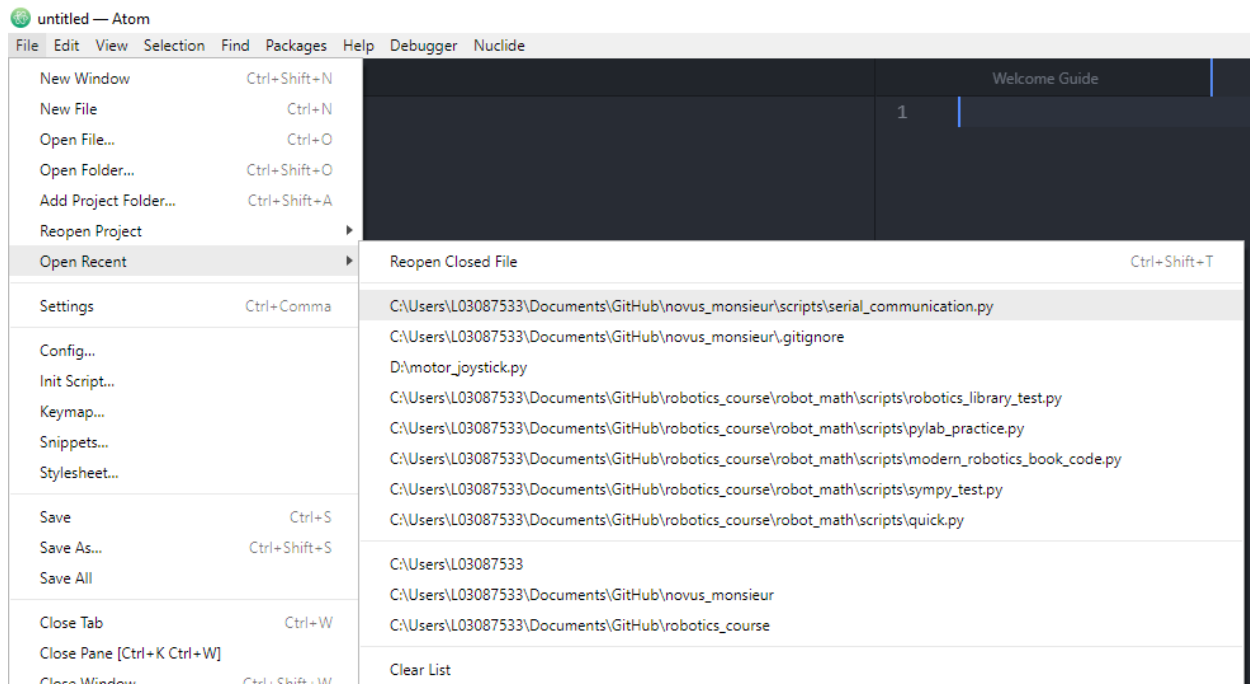
Troubleshooting:

Typicall error, can't open device, Permission denied problem

After installing arduino you probably can find the following error:

avrdude: ser_open(): can't open device "/dev/ttyACM0": Permission denied

Problem uploading to board. See http://www.arduino.cc/en/Guide/Troubleshooting#upload for suggestions.

To fix it, enter the command:
$ **sudo usermod -a -G dialout <username>**
$ **sudo chmod a+rw /dev/ttyACM0**

Where <username> is your user name in Ubuntu, /dev/ttyACM0 is the detected device of your Arduino board.

From: http://arduino-er.blogspot.mx/2014/08/arduino-ide-error-avrdude-seropen-cant.html