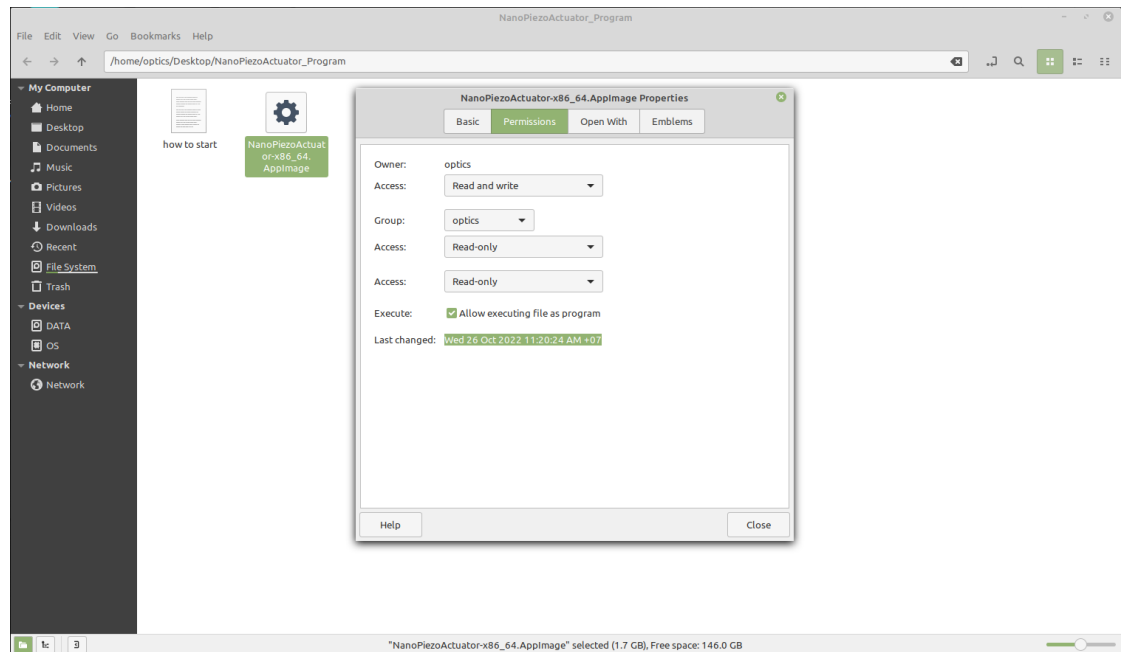


Manual Actuator NanoPiezo Program (EvWaCo)

Installation

(For User) Setup Actuator NanoPiezo App

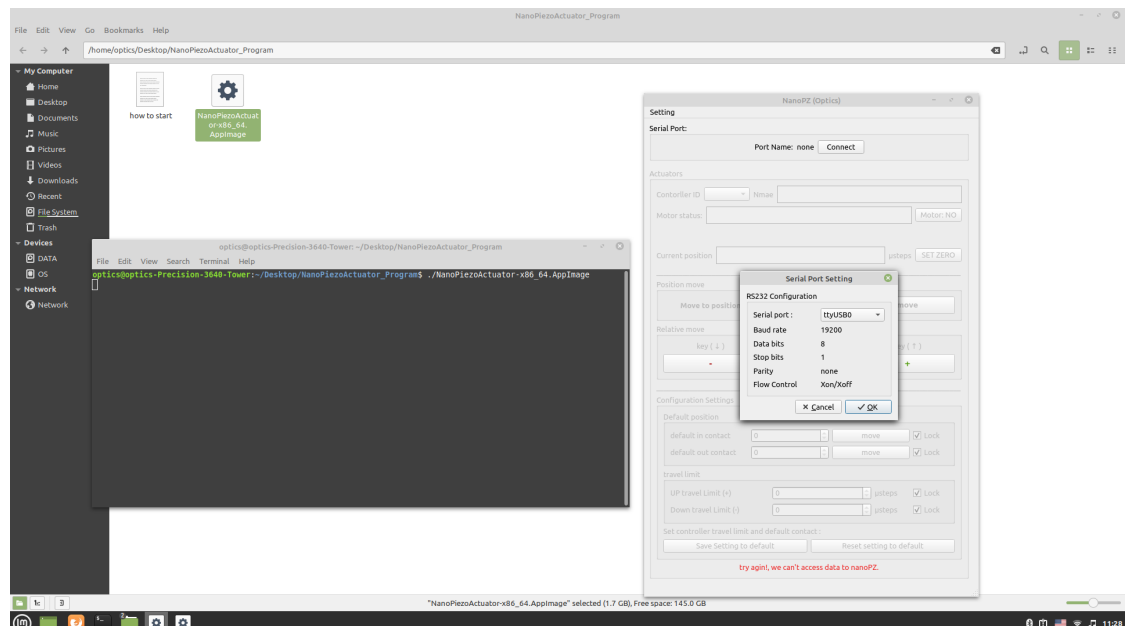
Download the NanoPiezoActuator_Program.zip file at <https://drive.google.com/file/d/17PsAB3SKBMA3g7TpG-ANyJP2Ui2Z7oQU/view?usp=sharing> , And extract the file then make sure permission by right-clicking and selecting properties checked “Allow executing file as program”



Then open the NanoPiezoActuator program with the terminal at this location and use the command to start program

“./NanoPiezoActuator-x86_64.AppImage” or
“sudo ./NanoPiezoActuator-x86_64.AppImage”

**right-click on blank and select open in terminal

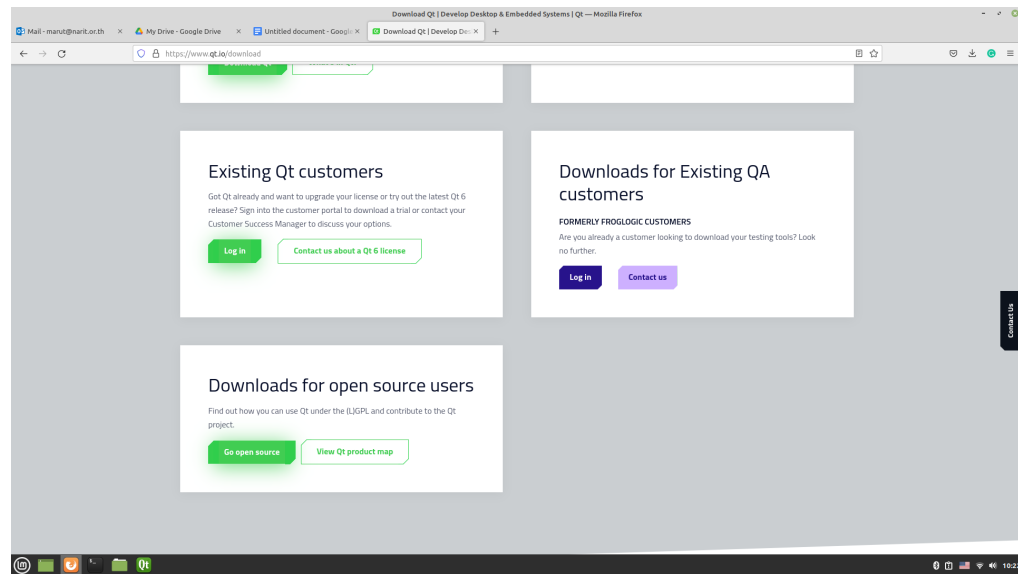


(For Developer) Setup Actuator NanoPiezo

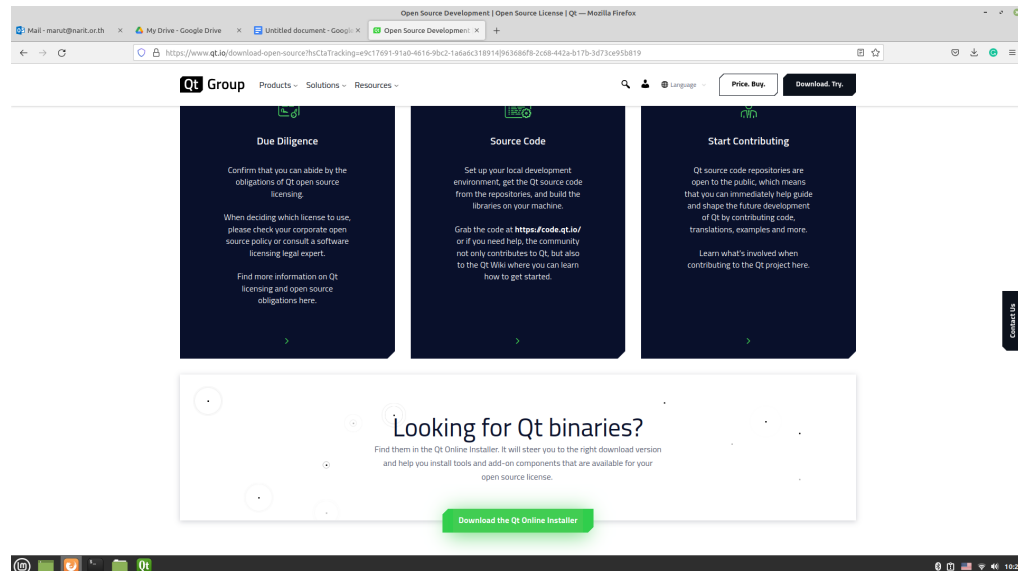
Install the QT Creator program to your PC because the actuator program wants to use QT Creator for developing

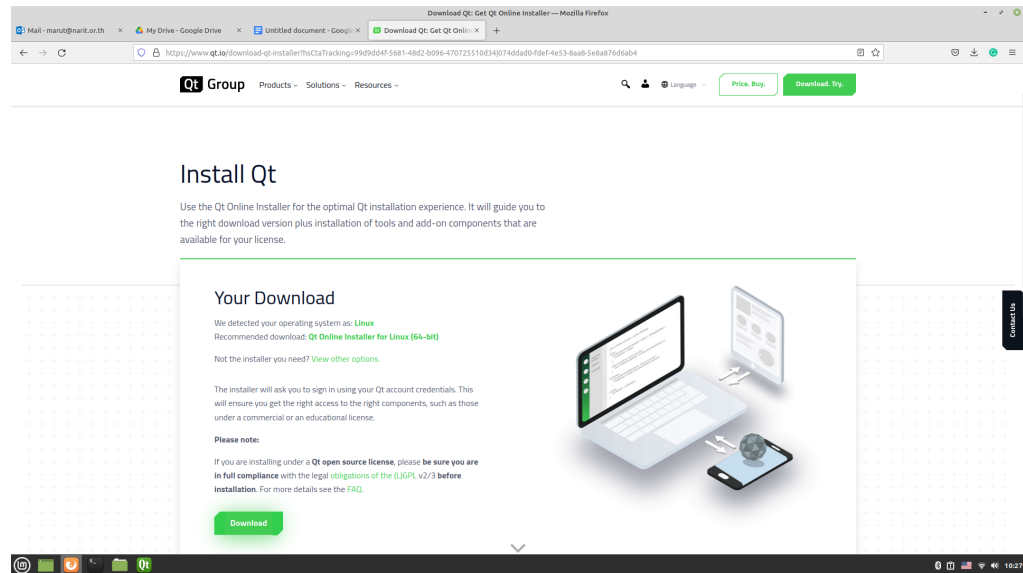
How to Install QT Creator

Go to the website <https://www.qt.io/download> and select “Downloads for open source users” click “go open source”

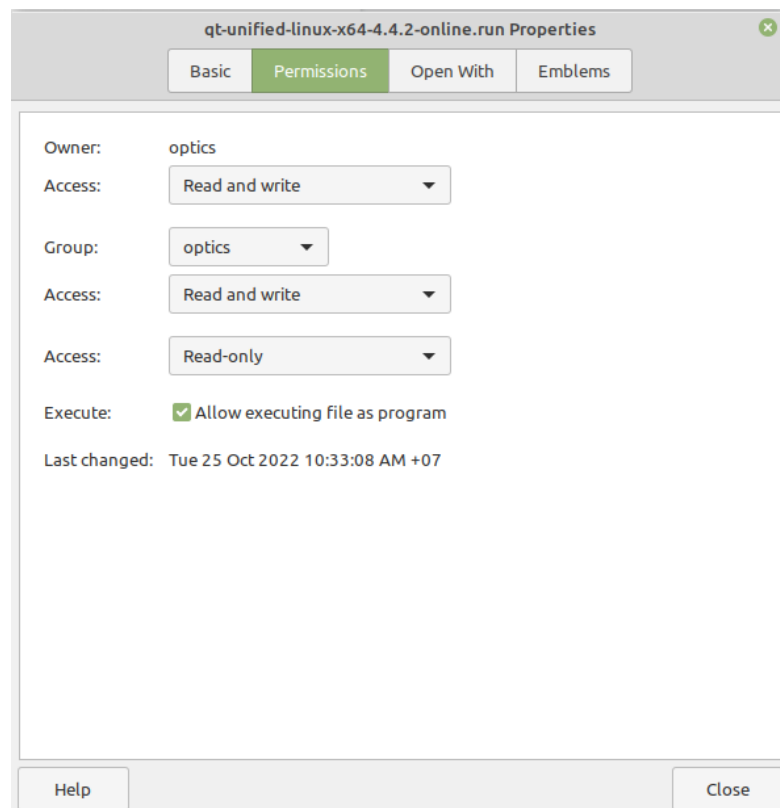


Then click “ Download the QT Online Installer” and Download

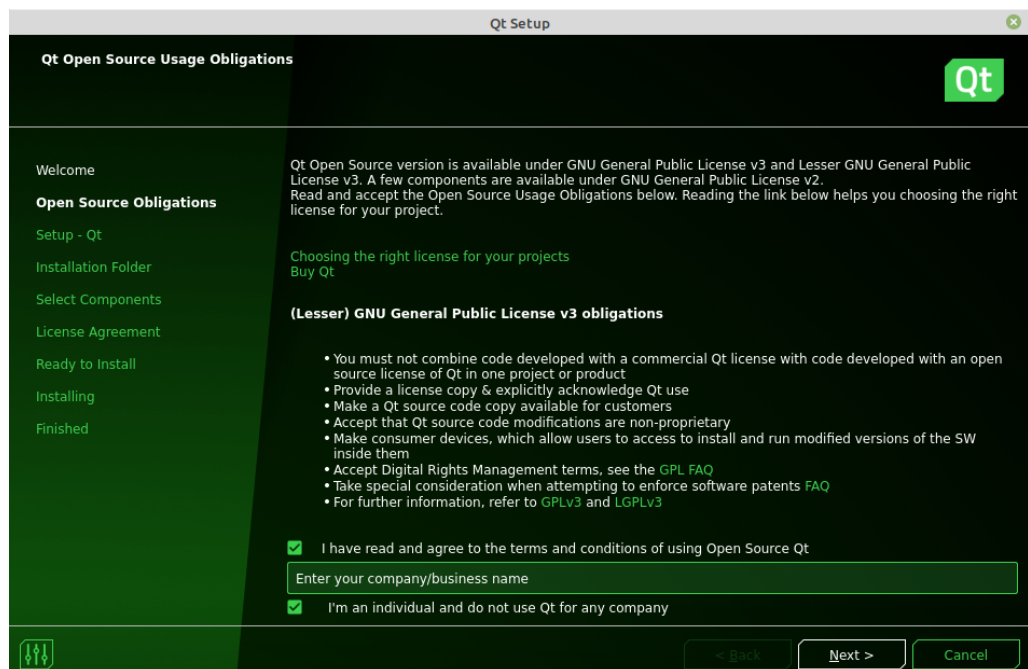
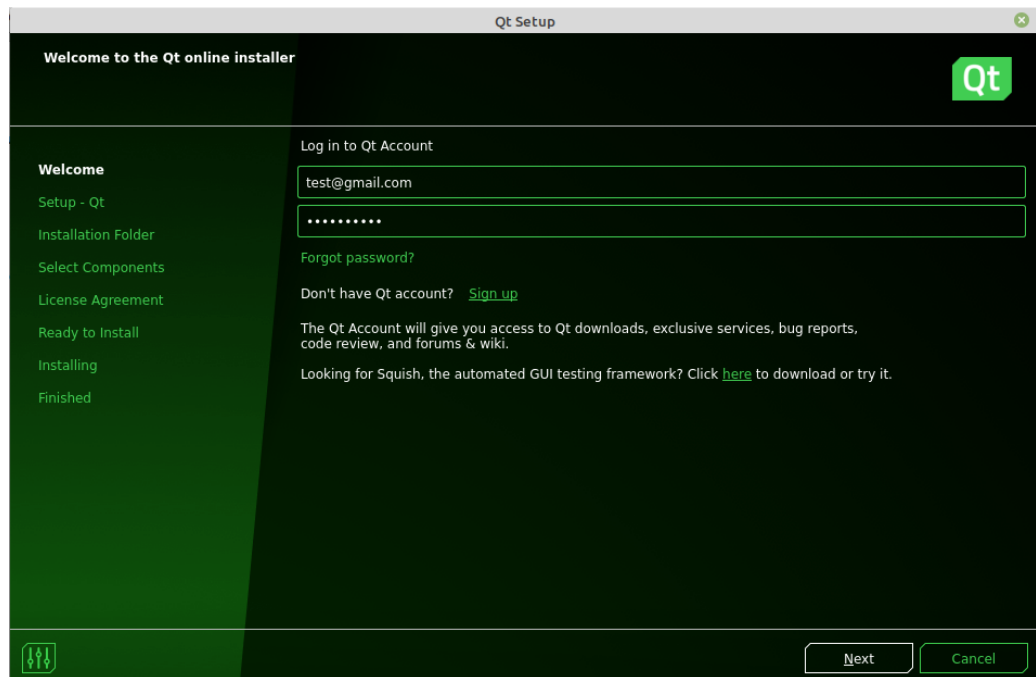


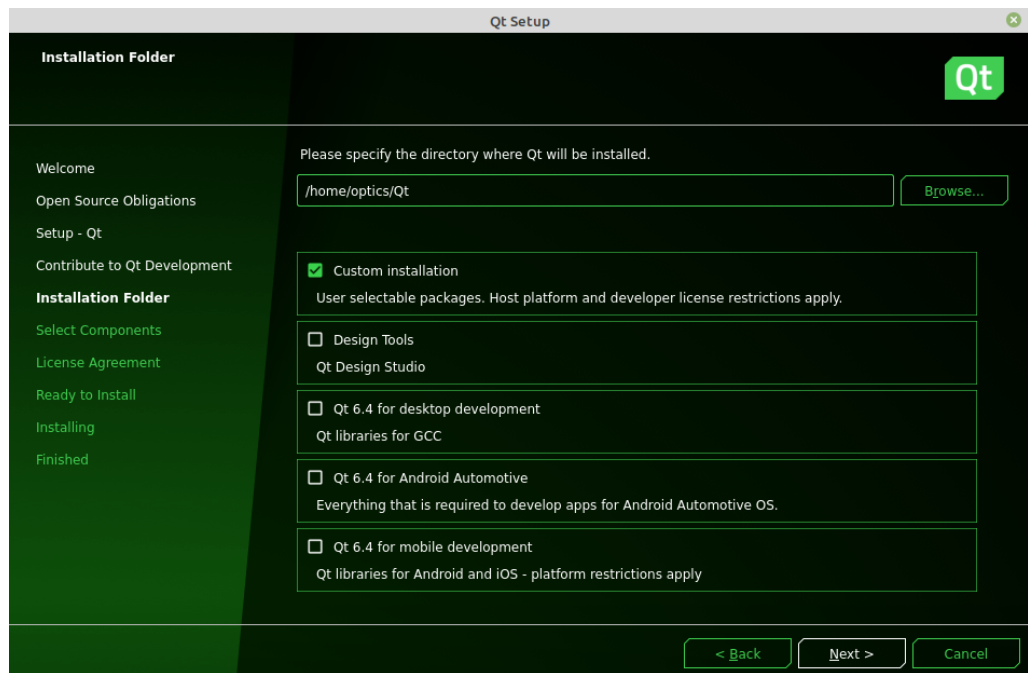
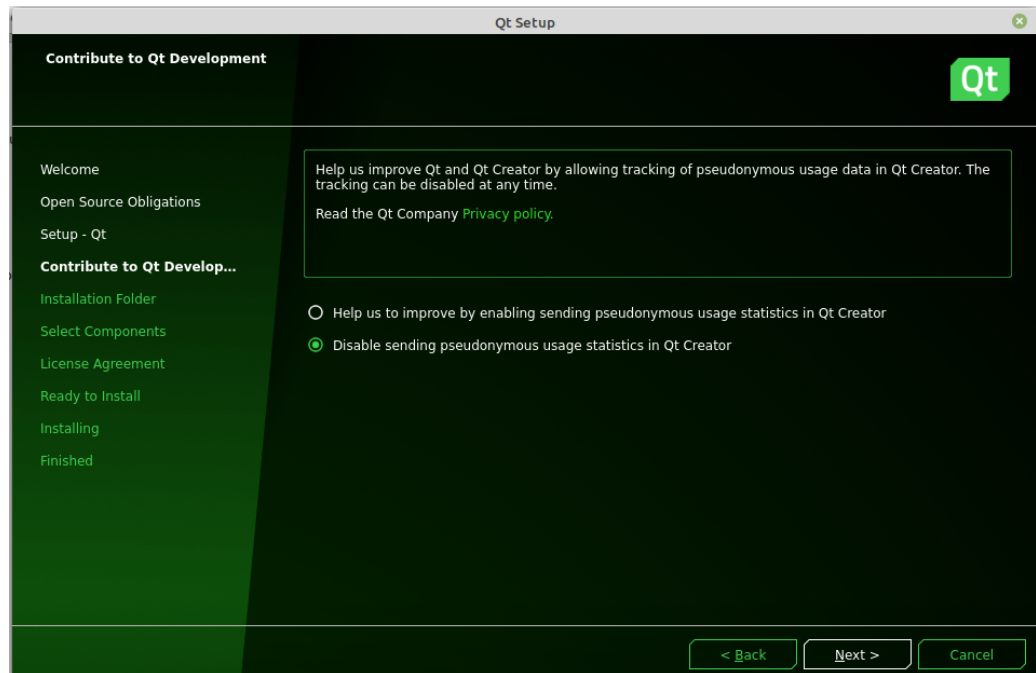


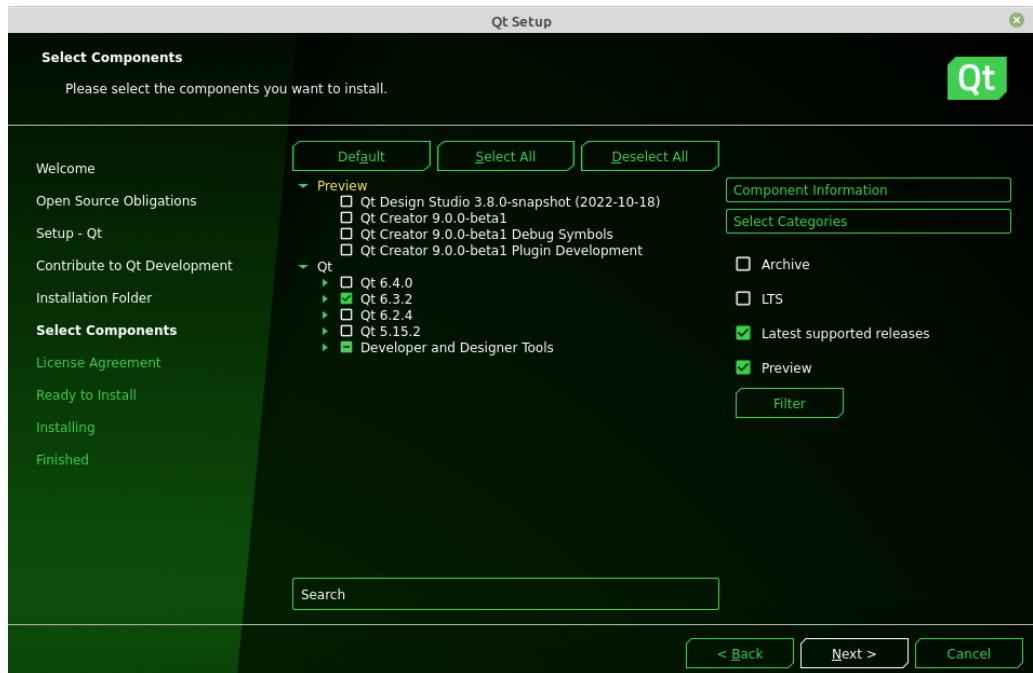
After downloaded qt-unified-linux-x64-4.4.2-online.run file then make sure permission by right-clicking and selecting properties checked “Allow executing file as program”



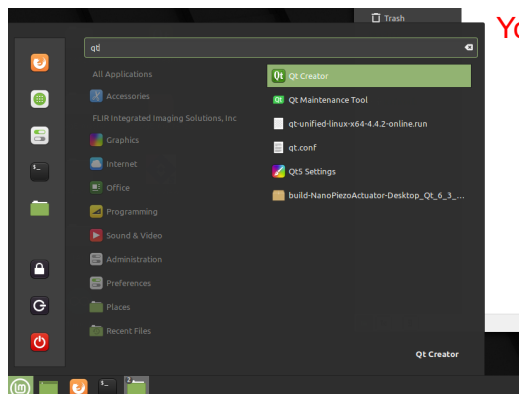
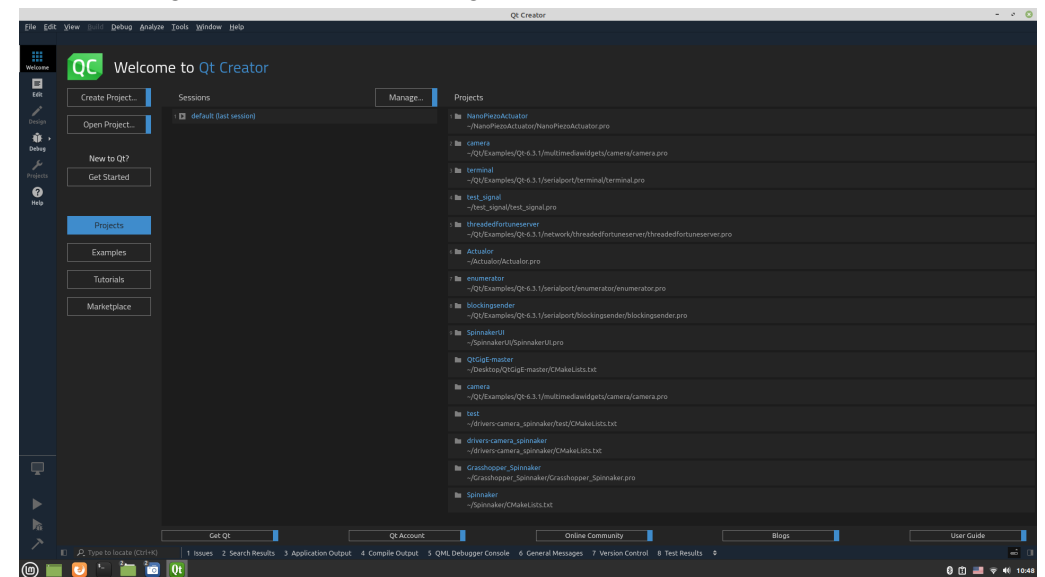
Open qt-unified-linux-x64-4.4.2-online.run for install then login QT Account and Next follow image step





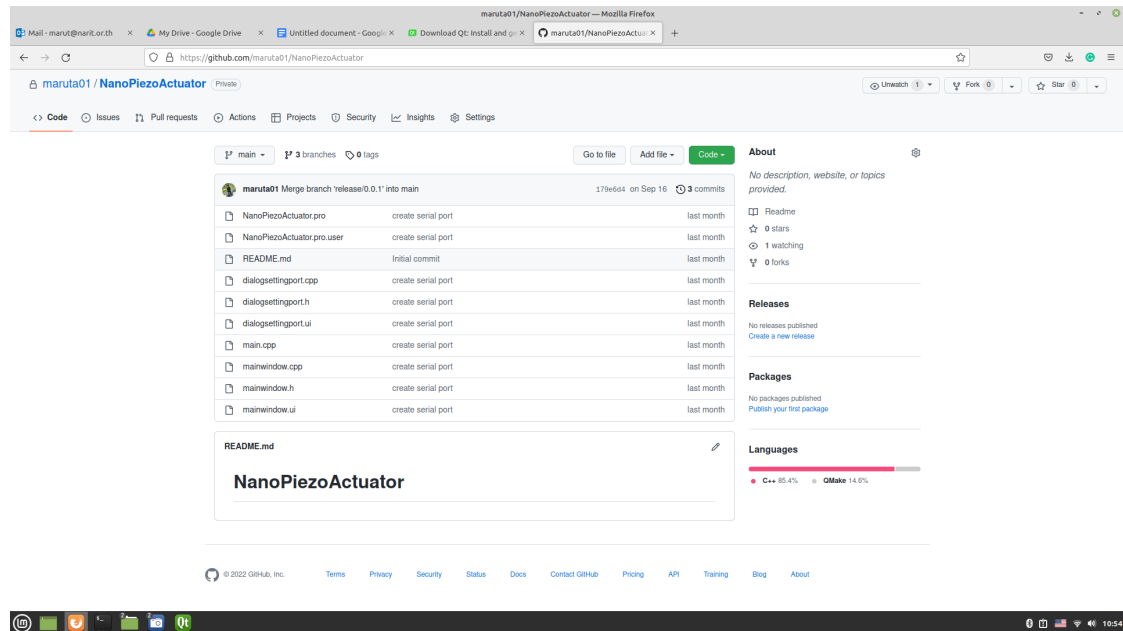


After installing the finished open program QT Creator

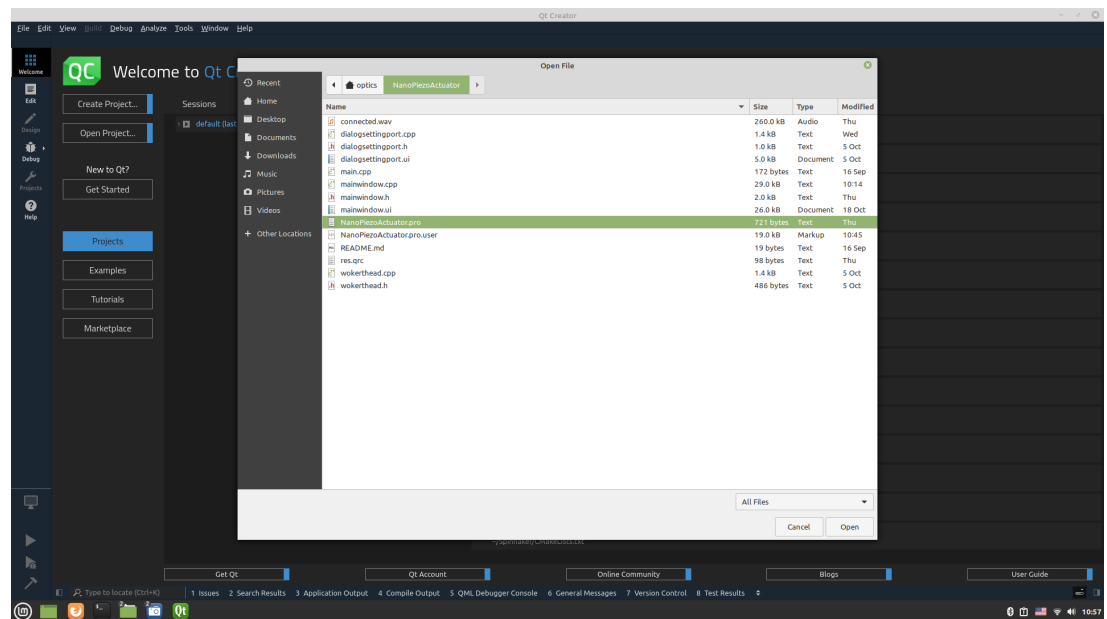


You can find a program in the search menu

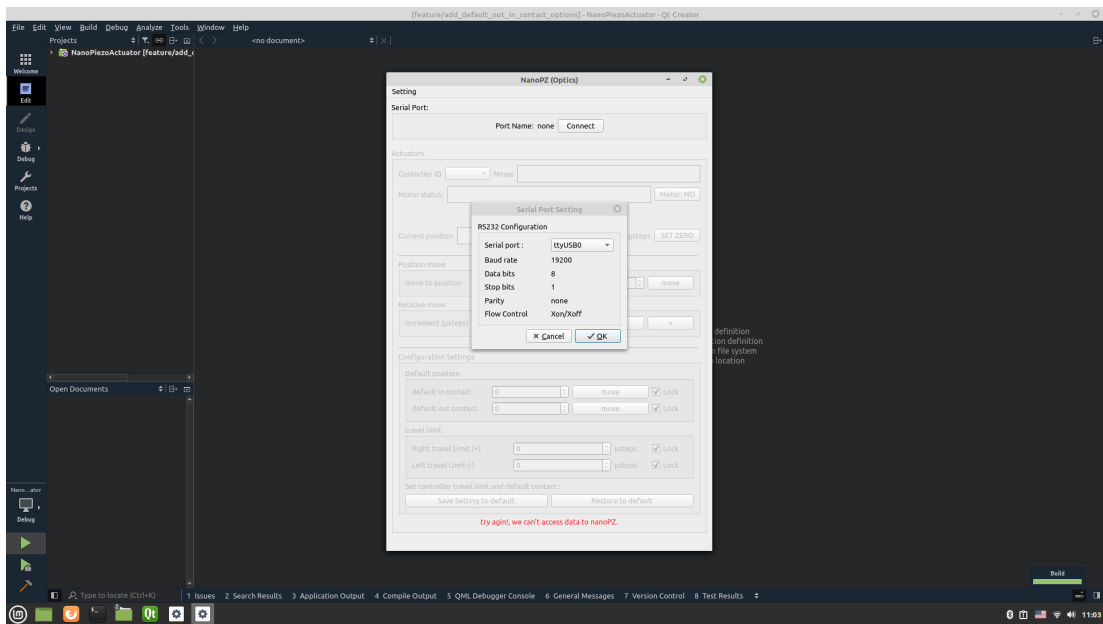
Download the source code at <https://github.com/maruta01/NanoPiezoActuator>



After source code download already and extracted file .zip , Open file with QT Creator go-to location file, and open the file .pro



Run Source Code to start the program to play



Setup NanoPZ Actuator hardware

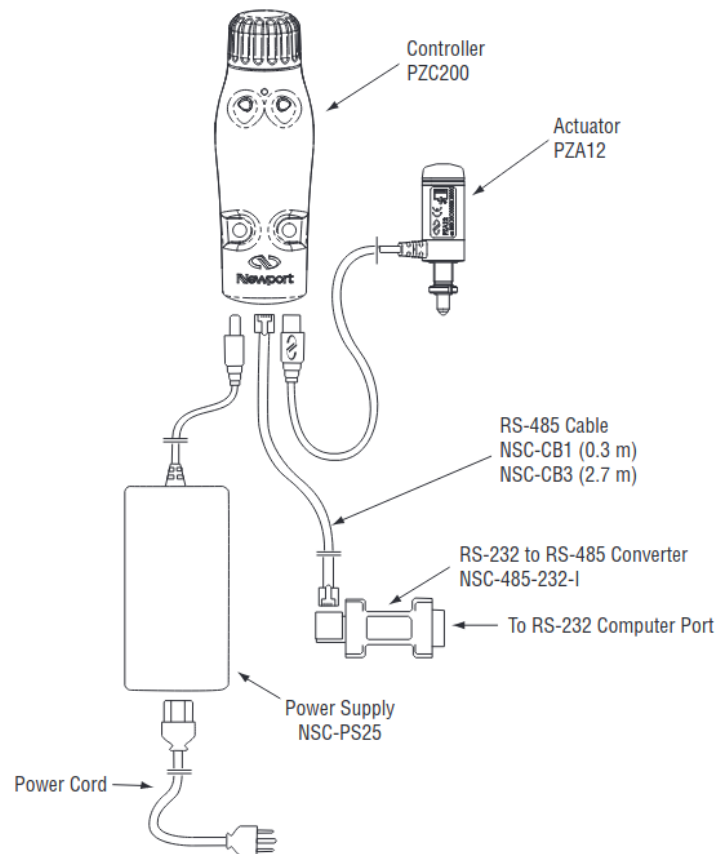


Figure 15: Connections 1 Controller, 1 Supply and Computer Control.