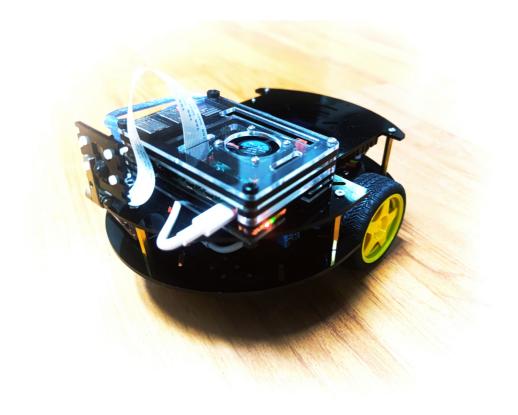
Arduino_Raspberry_ROS_Car Tutorials





chapter 1: Construction A ROS Car



Download codes from Git:

 $git\ clone\ https://github.com/COONEO/Arduino_Raspberry_ROS_Car.git$

Step One: Download programs for Arduino Mega 2560

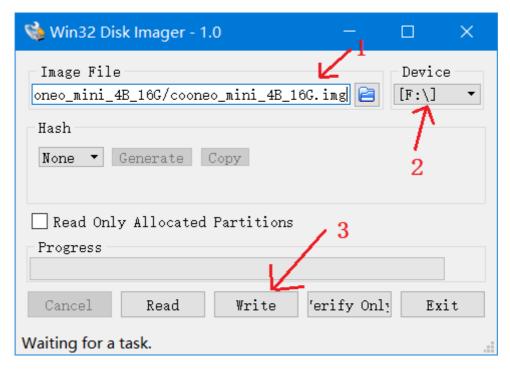
Install Arduino IDE in your computer and add library where in Arduino_mega_2560_code/relative_library folder.than,download the code into your Arduino_mega_2560 board.

```
RedestPotriver Landing ** Maked Mak
```

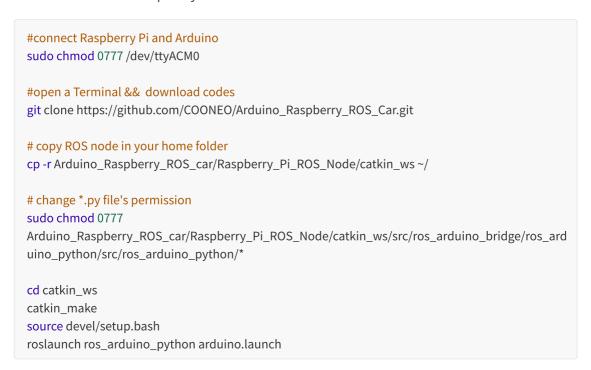
Step Two: FLASH OS and LAUNCH ROS NODE

1.flash Ubuntu OS into your Pi 4B board (By Win32DiskImager.exe)

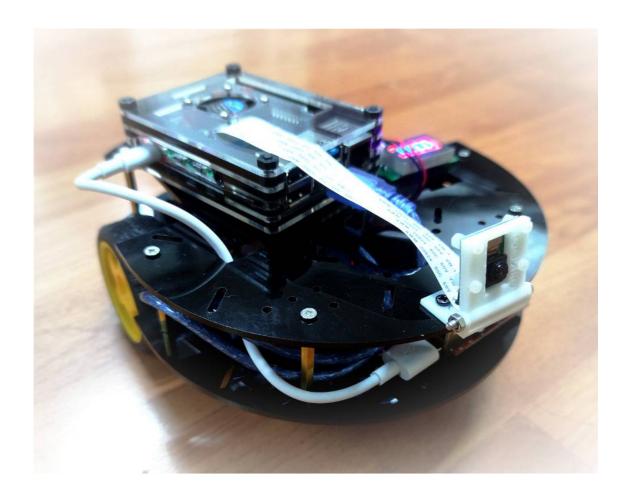
The OS img can be finding in our **Wechat Official Account COONEO**. Process like this:



2. launch ROS node in Raspberry Pi



In the end, you can publish Topic "cmd_vel" msg to control ROS car runnning。



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