

Yahboom_TrikeBotimage = Raspbian image + Yahboom_TrikeBot_code + camera drive process.

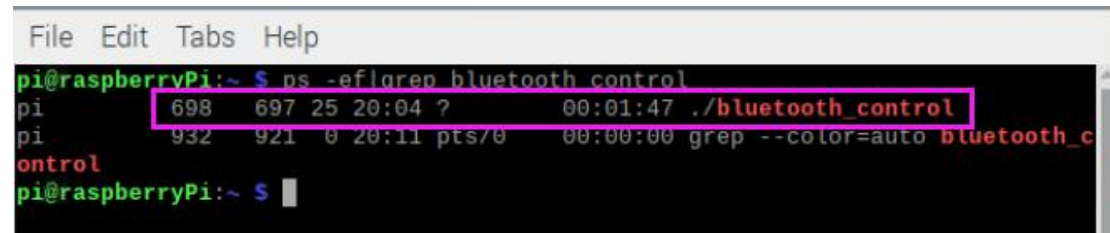
Separate camera driver tutorial Link: <http://www.yahboom.net/study/4wd-Pi>

Case 1--- If you use Yahboom_TrikeBot_image

If you are using the image we provided. Because the Bluetooth process is already enabled in our image, it will consume the resources of the Raspberry Pi CPU. You need to close the Bluetooth APP process before you run other programs manually.

1. Input following command to view APP remote control process.

ps -ef|grep bluetooth_control



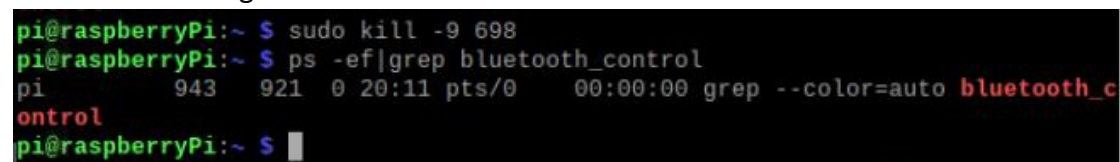
```
File Edit Tabs Help
pi@raspberrypi:~ $ ps -ef|grep bluetooth_control
pi      698    697  25  20:04 ?        00:01:47 ./bluetooth_control
pi      932    921   0  20:11 pts/0    00:00:00 grep --color=auto bluetooth_control
pi@raspberrypi:~ $
```

For example, my bluetooth_control process ID is 698.

2. Input following command to kill APP remote control process.

sudo kill -9 ID

After closing the process, when you view bluetooth_control progress again, you will find that it no longer exists. As show below.



```
pi@raspberrypi:~ $ sudo kill -9 698
pi@raspberrypi:~ $ ps -ef|grep bluetooth_control
pi      943    921   0  20:11 pts/0    00:00:00 grep --color=auto bluetooth_control
pi@raspberrypi:~ $
```

(Note! Different Raspberry Pi process numbers are different. Please refer to the process shown in your own system)

3. Finally, you run each code normally.

Case 2-- If you use Raspbian image

1. You need to remote transfer code we provided into Raspbian image and run them.

A. You can click the place shown below to download all the code. After the download is complete, you will get a compressed file, you need to press it to get the folder.

Raspberry Pi TrikeBot car

- 1.Remote control operation
- 2.Development environment
- 3.Experimental tutorial
- 4.Battery and charging
- 5. Commonly used Video
- 6.Contact us
- 7.APP Download

Download

APP(Android)

Code

Download image


SCH

Tools

Instruction Manual

Bluetooth4.0 communication protocol

Welcome to Raspberry Pi TrikeBot car repository



B. The program corresponding to this course can be downloaded at the top of each course, or you can download it from there.

Raspberry Pi TrikeBot car

- 1.Remote control operation
- 2.Development environment
- 3.Experimental tutorial
 - 3.0 Preparation before class
 - 3.1 whistle
 - 3.2 ColorLED
 - 2.3 advance
 - 2.4 direction_control
 - 2.5 drifting
 - 3.6 tracking
 - 3.7 avoid_ultrasonic
 - 3.8 servo_avoid_ultrasonic
 - 3.9 bluetooth_control

Welcome to Raspberry Pi TrikeBot car repository

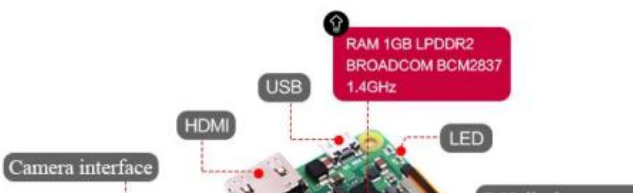
3.1 whistle

whistle.c
Download

whistle.py
Download

1.Raspberry Pi platform-----whistle

1) Preparation



2. Please refer to [2.Development environment]--[2.4 Remote transfer file] to transfer code into Raspberry Pi system.

3. Then, you can run code.