bt\_load\_broadcom\_firmware

xfce4-terminal -e /opt/autostart.sh chmod -R 777 /opt/RF

需要在自启里关掉 Blueman Applet

报错：   
**bluetooth.btcommon.BluetoothError: (2, ‘No such file or directory’)**   
or   
**Failed to connect to SDP server on FF:FF:FF:00:00:00: No such file or directory**

sudo vim /lib/systemd/system/bluetooth.service

修改 ExecStart=/usr/lib/bluez5/bluetooth/bluetoothd -E -C

sudo sdptool add SP

sudo systemctl daemon-reload

sudo systemctl restart bluetooth

sudo sdptool browse local

///////////////////////////////////////////////////////////////////////////////////////////////////

import bluetooth

**让树莓派可见并起名字为raspberry**

hciconfig hci0 name "raspberry"

hciconfig hci0 down

hciconfig hci0 up

hciconfig hci0 piscan

关键的一步：注册　Serial Port service

sudo sdptool add SP

树莓派作为server端的代码：

<https://github.com/karulis/pybluez>

sudo apt-get install libbluetooth-dev

pip install pybluez

from bluetooth import \*

server\_sock = BluetoothSocket(RFCOMM)

server\_sock.bind(("",PORT\_ANY))

server\_sock.listen(1)

port = server\_sock.getsockname()[1]

uuid = "94f39d29-7d6d-437d-973b-fba39e49d4ee"

advertise\_service(server\_sock, "TestServer", service\_id=uuid,service\_classes=[uuid,SERIAL\_PORT\_CLASS],profiles=[SERIAL\_PORT\_PROFILE],)

client\_sock, client\_info=server\_sock.accept()

print client\_info

try:

while True:

data=client\_sock.recv(1024)

print("received [%s]" % data)

except IOError:

pass

print("disconnected")

client\_sock.close()

server\_sock.close()

print("all done")

///////////////////////////////////////////////////////////////////////////////////////////////////////

hciconfig hci0 up 启用蓝牙

hciconfig hci0 iscan配置开发板蓝牙可被查找

hcitool scan 查找蓝牙

把蓝牙名称修改为 **haha** 。

**hostnamectl   set-hostname   haha**

然后查看是否修改成功，可以使用 hostname命令查看是否显示haha。

接着我们要重启一次自己的ubuntu电脑。

**Ubuntu环境下sudo出现unable to resolve host 解决方法**

**是因为/etc/hosts下的主机名和/etc/hostname下的主机名不一致所导致的错误**

**所以讲两个改为一致即可~~~**

hciconfig -a

hcitool dev

hciconfig hci0 noauth 此次测试设置蓝牙模块为服务端且不需要配对码

In file included from bluez/btmodule.c:20:0:

bluez/btmode.h:5:33: fatal error: bluetooth/bluetooth.h: No such file or directory

#include <bluetooth/bluetooth.h>

　　　　解决问题：安装libbluetooth-dev：

$ sudo apt-get install libbluetooth-dev

链接

<http://pages.iu.edu/~rwisman/c490/html/pythonandbluetooth.htm>

<https://blog.csdn.net/gatieme/article/details/48751743>

<https://blog.csdn.net/pinganddu/article/details/78784522>