

## Barcode Scanner

Install the bluetooth package on raspbian by typing:

```
sudo apt-get install bluetooth
```

Pair with the barcode scanner by typing the the following commands

```
sudo hcitool scan
```

This will show list of nearby bluetooth devices along with their mac address(Our barcode scanner's mac address is: **00:06:82:13:45:81**  
And the name is CT1015328418)

```
sudo rfcomm bind /dev/rfcomm0 00:06:82:13:45:81
```

This command creates the serial conection.

## NFC

1. Clone the libnfc github repo at <https://github.com/nfc-tools/libnfc>
2. Follow the directions here to install the nfc package (Start at Step 2, the googlecode repo the give you in step one isn't there anymore so that is why we cloned the github repo):

<https://learn.adafruit.com/adafruit-nfc-rfid-on-raspberry-pi/building-libnfc>

## Buttons

1. Just make sure the dash\_sniff2.py file is in the same directory as the jar.

## Running the Jar

1. In the home directory on the raspberry pi create a directory called *Development* and put the jar and the script in there.