Raspberry Pi Project

I'm Learning about

Capacitive Touch

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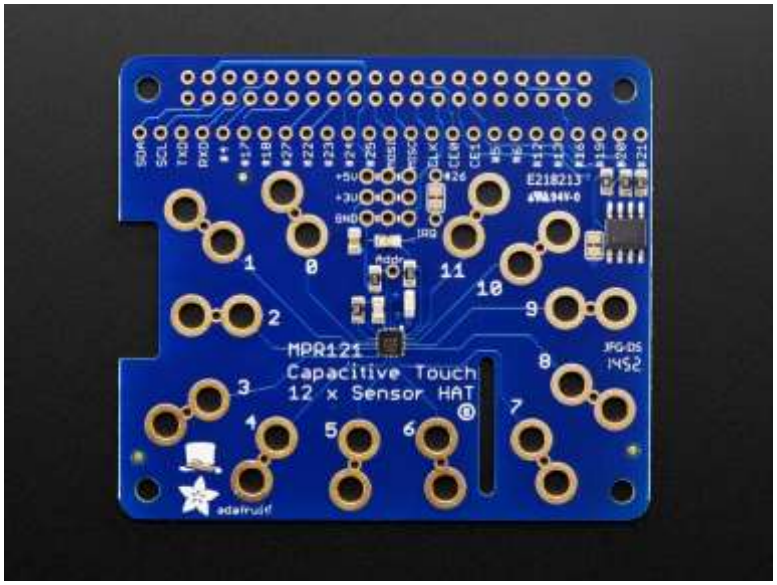
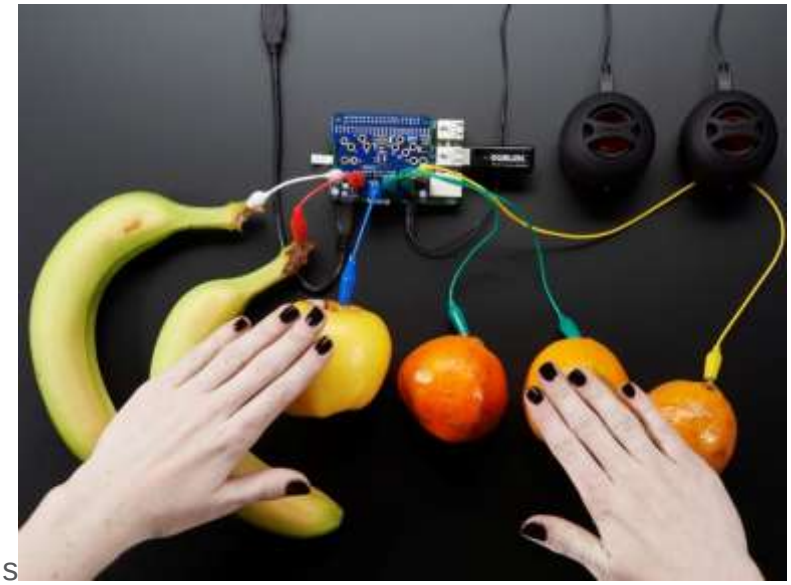
1 This project involves the Adafruit Capacitive Touch HAT to have a bit of fun you're your Pi. The HAT has 12 ***capacitive touch sensors*** to which you can attach ***electrodes***.



2 The HAT simply plugs onto your A+/B Pi allowing you to plug in electrodes which can then be attached to objects that ***conduct*** electricity.



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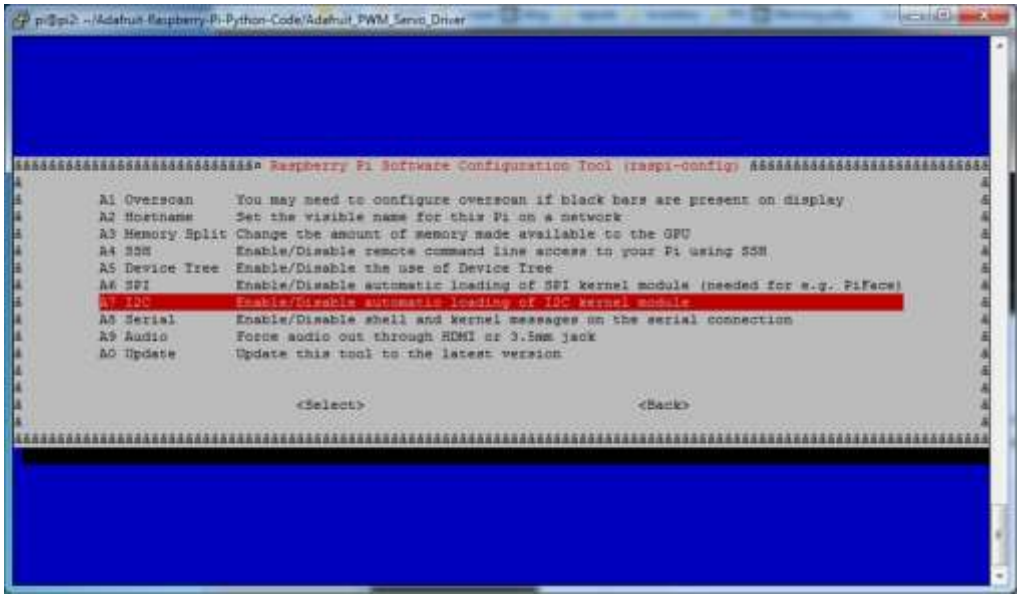
3 You need to enable i2C on our Pi using ***raspi-config***



4 Then install some software onto your Pi

```
$ sudo apt-get install build-essential python-dev python-smbus python-pip git
$ cd ~
$ git clone https://github.com/adafruit/Adafruit_Python_MPR121.git
$ cd Adafruit_Python_MPR121
$ sudo python setup.py install
```

5 Then test to see if it works

```
$ cd examples
$ sudo python simpletest.py
```

6 Make some noise!

```
$ sudo python playtest.py
```

Now try changing the sounds around (check out other samples in /opt/sonic-pi/etc/samples)

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More information on how to complete this project is at:

https://www.raspberrypi.org/documentation/hardware/raspberrypi/spi/README.md

http://fuenteabierta.teubi.co/2013/07/utilizando-el-lector-nfc-rc522-en-la.html