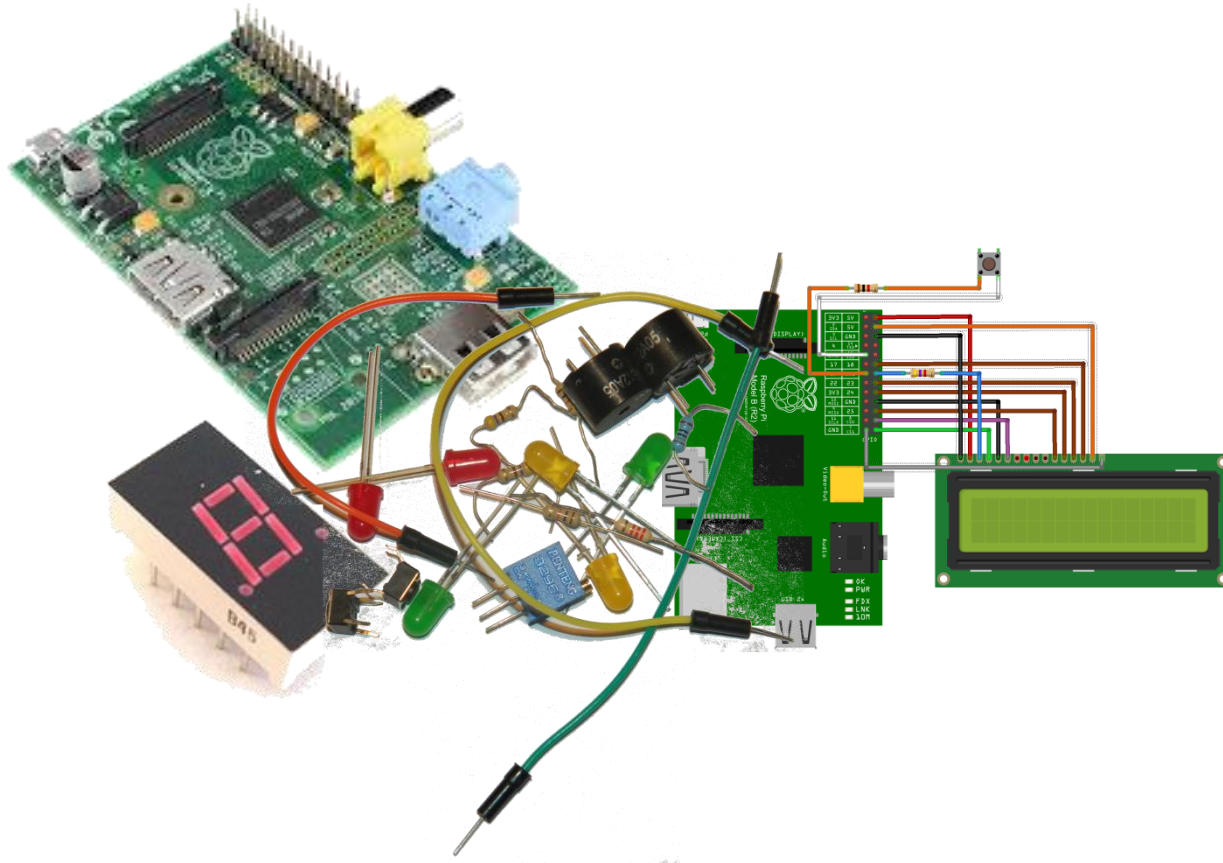


Raspberry Pi and Electronics



Raspberry Pi 3 on sale now at £30

- A **1.2GHz 64-bit quad-core** ARM Cortex-A53 CPU (~10x the performance of Raspberry Pi 1)
- Integrated 802.11n wireless LAN and Bluetooth 4.1
- Complete compatibility with Raspberry Pi 1 and 2



<http://thepihut.com/>

<https://shop.pimoroni.com/>

Raspberry Pi

Today we're going to look at getting our scripts to communicate with the outside world.

The Raspberry Pi comes with loads of technology such as a Webserver that enables us to do this. But a simpler way is to use email or Twitter.

Gmail

Python comes with a built in library for email called `smtplib` which makes writing scripts to send emails very easy.

Have a look at the link below to see how to set up Gmail and for a sample script

<http://naelshiab.com/tutorial-send-email-python/>

Be sure to ask a parents permission if you're going to set up your own gmail

Twitter

Twitter is another very useful tool for sharing information.

See link below for more information.

<http://www.makeuseof.com/tag/how-to-build-a-raspberry-pi-twitter-bot/>

I've set up a twitter account that we can use

<https://twitter.com/pidojoathenry>