

Raspberry Pi First-Time Hacker Day

[University of Sheffield](#), [Department of Computer Science](#) / [Access Space](#)

[James Wallbank](#), [Hamish Cunningham](#), October 2nd 2013

Singing Jelly Baby

First build the circuit (see below), then do `this stuff` from the "command line":

1. create a work directory
 - `mkdir work`
 - `cd work`
 2. install Wiring Pi
 - `wget -O wp.deb -r tinyurl.com/wiringpi`
 - `sudo dpkg -i wp.deb`
 3. get the code
 - `wget -O jb.sh -r tinyurl.com/pijellybaby`
 - `chmod +x jb.sh`
 4. get the sound effects
 - `wget -O police.wav -r tinyurl.com/policewav`
 5. run the thing
 - `sudo ./jb.sh`
-

Traffic Lights

First build the circuit (see below), then do `this stuff` from the "command line":

1. get the code
 - `wget -O TrafficLED.py -r tinyurl.com/pittraffic`
 - `cat TrafficLED.py`
 2. run the thing
 - `sudo python TrafficLED.py`
-

Stay Safe!

You **must** change the password on the Pi next time you start up...

Keep in touch...

The Department of Computer Science: <http://shef.ac.uk/dcs>

Access Space: <http://access-space.org/>

Pi GATE: <http://pi.gate.ac.uk/>



The
University
Of
Sheffield.

