Population Counter Raspberry Pi Notes

Raspberry Pi 2 Model B

Raspbian Jessie

User: exhibit

Password: exhibits

Populationcounter.scienceworld.ca

Flowchart

Get population for today and tomorrow

Recalculate population increment

Lee’s Electronics DB9M to RJ45 Adapter

1 blue  
2 orange  
3 black  
4 red  
5 green  
6 yellow  
7 brown  
8 white

If the program can’t connect to the api, calculate an alternate *populationToday* and *populationTomorrow* value to use based on the date and a known value at a given time (straight line approximation)

<http://www.raspberrypi-spy.co.uk/2015/10/how-to-autorun-a-python-script-on-boot-using-systemd/>

sudo python3.4 /home/exhibit/populationcounter/population.py