USER MANUAL

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1 Setting up to run DCGPS

Dcgps requires a number of libraries to be installed before executing. The libraries that are required to be already installed include:

- gpsd
- gpsd-clients
- python-gps
- libncurses5-dev
- libgps-dev

1.1 Running in Linux

- 1. Assuming all libraries are correctly installed.
- 2. Open **terminal** and type in

```
sudo killall gpsd
sudo gpsd /dev/ttyUSBO –F /var/run/gpsd.sock
```

3. Run dcgps by typing in

./dcqps

2 How to use DCGPS

- 1. Make sure **GPS dongle** is properly connected into laptop / raspberry pi.
- 2. Wait until the program displays a fix in the **Status** field
 - a. If the program displays **NO FIX**, this may mean that there are simply not enough satellites to determine your location. Wait for several minutes to see if the program can acquire more satellites.

3. If a fix is acquired, your screen should be similar to the following screenshot.

