**#!/bin/bash**

#BASH shell script

#Creating an NMEA sentence from GPS along a trip

**sudo killall** gpsd

**sleep(**2**)**

**sudo** gpsd **/**dev**/**ttyACM0 -F **/**var**/**run**/**gpsd.sock

#-d causes gpspipe to run as a daemon.

#-l causes gpspipe to sleep for ten seconds before attempting to connect to gpsd. This is very useful when running as a daemon, giving gpsd time to start before attempting a connection.

#-r causes raw NMEA sentences to be output.

#-o option causes the collected data to be written to the specified file. Use of this option is mandatory if gpspipe is run as a daemon.

gpspipe -d -l -r -o **/**home**/**pi**/**gps\_raw.txt **&**

#Start moving...

#sudo killall gpsd

#sleep(2)