**Arduino Based GPS Data Logger**

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# Arduino based GPS data Logger

Arduino is an open-source electronics prototyping platform based on flexible, easy-to-use hardware and software. It's intended for artists, designers, hobbyists and anyone interested in creating interactive objects or environments. This is a very simple project based on Arduino and GPS sheild combo. Arduino provides good set of libraries which are easy to use and you can include in your project without any hassle.

As GPS usually works on serial ports, Software emulated serial port is used to connect GPS with arduino running at 4800bps. The hardware serial port is connected to PC for serial data logging. A 16x4 LCD is used for displaying GPS data locally. LCD provides GPS information related to Latitude, Longitude, Altitude and speed.

Its a very good project for starters, who wants to get their hands on with Arduino. I would like to thank Santosh Mishra for submitting this project. Hope to see more contribution from him.

To download this project Please visit download section: Arduino based GPS data Logger