

# abstract

myCar is a collection of different software products with own development work added. In the following overview, not all components are listed, but the main ones which are explicitly configured.

## Component overview

### Armbian

Armbian is the OS for this project. Additional software has to be installed to work properly.

<https://www.armbian.com/orange-pi-zero/>

### Install required components

#### obdgpslogger

#### hostapd

#### rfcomm

#### gpsd

### Python3

Libraries required for the application server:

- configparser <https://docs.python.org/3.5/library/configparser.html>
- bluew <https://nullp0tr.github.io/bluew/>

#### flask

Flask is the python application server used for providing the web interface and the API to controll the myCar unit. Documentation for Flask could be found under <http://flask.pocoo.org/docs/1.0/>.

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