

QuadraCopter project

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1 Project plan

1.1 Phase 1

Phase 1 aims at getting started with the development process. Thus most of the goals aims at setting up a proper system so that future phases can focus on programming and control.

Project

- Setup Git
- Specify long term goals

Hardware

- Specify hardware
- Assemble hardware
- Calibrate hardware
- Create test of hardware
- Approved testing
- Documentation on performance and possible future adjustments

Development environment

- Setup target
- Setup host
- Setup proper procedure host -> target
- Verify proper behaviour

Software

- Agile development...
- Automate calibration of hardware

2 Technical documentation

3 Documentation

loggins:

root: root

developer: developer

3.1 packages post installed

- full system update pacman -Syu”
- sudo pacman -S sudo”
- gcc pacman -S gcc”
- unzip pacman -S unzip”
- downloaded pigpio library. <http://abyz.co.uk/rpi/pigpio/download.html>
- make pacman -S make”