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Bachelor Thesis about porting the hardware functionality from a microcontroller to an embedded linux system named Gnublin

ⓣ **84** commits	⑂ **1** branch	⬮ **0** releases	👥 **1** contributor	⚖ Apache-2.0

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🖼 hadesrofl Update README.md		Latest commit 66f5cf9 on 26 Mar 2017
📁 .settings	Added TestFileReader and first Assertions for testing the Unit Test M…	4 years ago
📁 Arduino-Testcode	* renamed folder for log to testlogs	3 years ago
📁 api/html	Init Gitignore Commit	4 years ago
📁 config	* Implemtend Set and Value Response for Autopilot	3 years ago
📁 doxy_pages	* added Apache 2.0 License	3 years ago
📁 evaluation	* renamed folder for log to testlogs	3 years ago
📁 gpsd-client	* Tests done and documented	3 years ago
📁 scripts	* new Test classes and logs of tests	3 years ago
📁 src	* added Apache 2.0 License	3 years ago
📁 testlogs	* renamed folder for log to testlogs	3 years ago
📄 .gitignore	* added Apache 2.0 License	3 years ago
📄 Gnublin.asta	(hopefully) last Commit before the end of my thesis	3 years ago
📄 LICENSE	Add license	3 years ago
📄 README.md	Update README.md	3 years ago
📄 gnublin_wo_smtp.cpp	* First Implementation of GPS	3 years ago
📄 gnublin_wo_smtp.h	* First Implementation of GPS	3 years ago

📖 README.md

Port of the firmware from a microprocessor to the gnublin platform for an autonomous sailboat

Implementation of a prototype for the firmware of the autonomous sailboat of the Fachhochschule Luebeck - University of Applied Science.

This portation of the firmware was subject of the Bachelor Thesis by Rene Kremer.

For running the software a config file is needed in a *config* directory where the firmware is started. The software creates a ramdisk in */media/ramdisk* to save a tmp file for the gps data there. This file will be read by the firmware because the gps uses a sub program as client for *gpsd* to read the gps data.