



Severin Schols // tiefpunkt

GIT(HUB) FOR HARDWARE PROJECTS

COLLABORATING LIKE A SIR

Eehm git?!?

Git is a **free & open source, distributed version control system** designed to handle everything from small to very large projects with speed and efficiency.

- <http://git-scm.com/>



Basic commands

- `git init`
- `git add .`
- `git commit`
- `git remote add origin <Repo-Adresse>`
- `git push`

- `git clone <Repo-Adresse>`
- `git pull`



Für Hardware ?!?

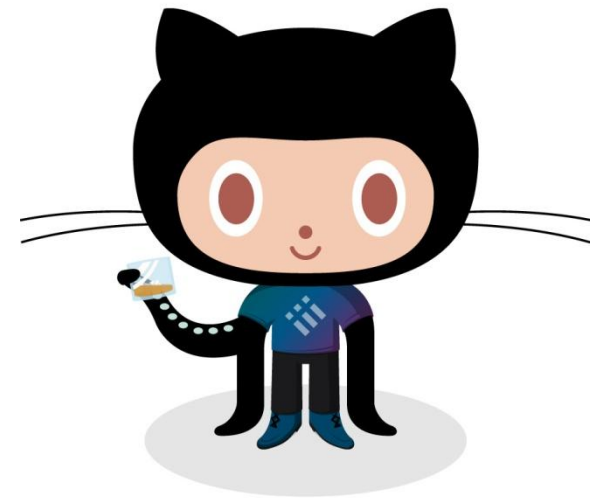
- Collaboration, Versionierung
- Schaltungen & Firmware
- One-Stop-Shopping



Beispielstruktur

```
severin@linux02:~/dev/avr/moodlamp> tree
```

```
.
├── circuit
│   ├── circuit.sch
│   ├── perfboard_back.png
│   ├── perfboard_front.png
│   └── perfboard.rst
├── firmware
│   ├── config.h
│   ├── control.c
│   ├── control.h
│   ├── fadingengine.c
│   ├── fadingengine.h
│   ├── main.c
│   ├── Makefile
│   ├── pwm.c
│   ├── pwm.h
│   ├── usart.c
│   └── usart.h
├── LICENSE
└── README.markdown
```



GitHub

- Online Git Repository Hosting Service
- Einfaches Fork'en etc.
- Pull Requests
- Organisationen,
Collaboration an einem Projekt



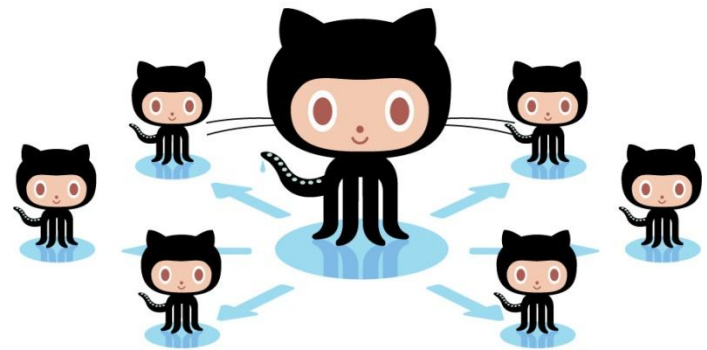
hardwareCollaboration++

- SolderPad

<http://solderpad.com/>

- Upverter

<http://upverter.com/>



Noch Fragen?





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HAPPY HARDWARE HACKING!