



Bachelor-PO: RIOT in the Internet of Things

On usage of Git and GitHub

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- Create a Github Account, and sign in
 - Send us your username
 - mail to Cenk and Peter
- Create your own project repository, or
- Fork existing projects and contribute

Contribute to RIOT

- Fork RIOT `https://github.com/RIOT-OS/RIOT`
- Add original repo as *upstream*: `git remote add upstream https://github.com/RIOT-OS/RIOT`
- Keep your forks *master* branch updated: `git pull --rebase upstream master`
- Create a new branch at your fork of RIOT
 - Add commits for your fix, feature, ...

Make a Pull Request (PR) against RIOT master

- Describe what you did
- Address comments by reviewers
- Fix errors reported by CI
- rebase and squash as needed¹

¹<https://git-scm.com/book/en/v2/Git-Tools-Rewriting-History>

Work on your own Project

- Create and clone project repository
<https://github.com/smartuni/>
- Important first steps:
 - Choose appropriate licence, w/o licence unusable
 - Add proper project description via README.md
- Next steps
 - Add code, documentation, ...
 - Use GitHub features: Wiki, Travis-CI², ...
 - Simple project website with GitHub-Pages³

²<https://docs.travis-ci.com/user/getting-started/>

³<https://pages.github.com>



Thank you for your attention.
Questions?

iNET: <http://www.inet.haw-hamburg.de>
RIOT: <http://riot-os.org>
GitHub: <http://github.com/smartuni>