Advanced Programming

Thorsten Koch / Matthias Miltenberger

Excercise 3

Deadline: 3 p.m. Thursday, November 6, 2014

This exercise is about the basic usage of git and GitHub/GitLab.

Setup

- install git
- verify or create your personal `.gitconfig` file
    - make sure name and e-mail are specified
- create an account
    - either on `https://github.com/`
    - or on `https://gitlab.tubit.tu-berlin.de/`

What to do?

Task A

- clone/fork the git repository appfs:
    - either from here: `https://github.com/mattmilten/appfs`
    - or from here `https://gitlab.tubit.tu-berlin.de/mattjsbb/appfs`
- clone it to your local machine
- create a new subdirectory `<your_lastname>/` in both `ex1/` and `ex2/`
- copy your solution code into the new directories
- commit and push everything back to GitHub/GitLab
- submit a `pull request` to the project owner

Task B

- use git to find the file `ex1_gen.c` in the appfs repository

- send an e-mail containing the SHA1-hash of the commit that added the file to `thorsten.koch@tu-berlin.de` with the subject `APPFS ex3 <lastname>`

Note: Please try to do all these tasks locally on your machine - not online on GitHub/GitLab.

Additional task

In later lectures we will introduce the programming language Ada. Therefore you should already install the GNU Ada compiler `gnat`:
`http://libre.adacore.com/download/configurations`
(download GNAT Ada GPL 2014)