
Git & GitHub Tutorial - Exercises

Software-Engineering

by

Daniel Schädler and Jean-Pierre Hotz

22. October 2018

Course: TINF17B4

Lecturer: K. Berkling, Ph.D.

1. Create a coding project (in a programming language your partner is also able to program in) with the IDE of your choice. Initialize a Git repository in the project folder, and add a `.gitignore`-file, so only source code files and the `.gitignore`-file itself are shown by Git. Then make an initial commit with all files that belong to the project.
2. Make your code read a name from the command line and greet the user. Those changes are to be committed to your local repository.
3. To work with a partner you should now add your remote repository from github to this project and push your changes to it.
4. Let your partner clone your repository. Afterwards you should both change the greeting message for the user (You both should use different messages! Get creative with them!). You both will commit those changes. Let your partner push his changes. Now you should push your changes! Resolve any conflicts that may come up.
5. This exercise is optional, and can be done in case there is some time left after you're done.
Fork the repository found at the url <https://github.com/JP1998/GitTutRepo> and clone your fork. Add an `else if`-statement, which checks the variable `name` for being your name. Inside this statement you may add a greeting with your name. Afterwards commit and push your changes, and create a pull request from your fork to the original repository.