

Working with git for EL2425

November 4, 2016

In case you decide to work with git, the following will comprise your working procedure with regard to coding and contributing your code on github.

Make sure that you are on **your** branch and not master itself at all times, e.g. issue `git status` and check the output of the command.

Navigate to the directory where the code resides, e.g. `cd /KTH/EL2425/code_repository`.

- Make sure that you are on **your** branch and not master itself
- ...work ...
- Commit by issuing `git add .` and then `git commit -m "Actual commit message"`
- Update your local master branch: it needs to be up-to-date with the remote master branch. First switch to your local master branch: `git checkout master`
- `git fetch origin`
- `git merge origin/master`
- Your local master branch is now the same as the remote master branch
- Switch to your local private branch: `git checkout my_branch`
- `git rebase master`
- Switch to your local master branch: `git checkout master`
- Merge the changes made in your branch to the master branch: `git merge my_branch`
- Upload the master branch on github: `git push origin master`
- Return to your local private branch: `git checkout my_branch`
- Return to the first step