Git cheatsheet

Git commands

- git —help // enter git help
- git status // shows status of current repository
- git log // logs all commits
- git init // initialize git
- git clone "repository" // clone repository from github

Instructions to create a new repo:

- git remote add origin git@github.com:gijsvantil/temp-repo.git
- git push -u origin master

see also: (https://help.github.com/articles/adding-an-existing-project-to-github-using-the-command-line/)

Instructions to create a commit and push to github

![terminal:] Make sure that you're in the right directory!

- git add "filename" // stage file
- git add -A // stage every file in repository
- git add . // stage every file in repository
- git add * //stage every file in repository
- git commit -m "'What did you do exactly'" // make a commit, between ""is like keeping a diary
- git commit -a -m "'What did you do exactly'" // ""
- git commit // enters vim (sortoftxteditor), to exit vim press Esc and :q
- git push origin master //pushes commit to github

see also:
(https://help.github.com/articles/adding-a-file-to-a-repository-from-the-command-line/)
(https://github.com/Kunena/Kunena-Forum/wiki/Create-a-new-branch-with-git-and-manage-branches)

How to safely roll back / delete mistakes

- git revert <SHA> //undoes al changes made in the last commit. <SHA> is commit id
- git commit — amend -m ""// fix the last commit message
- git checkout

see also:
(https://github.com/blog/2019-how-to-undo-almost-anything-with-git)

Instructions on resolving merge conflicts

- git status// shows current status & thus any conflicts that may i occur while merging
- open file in text editor & solve conflict

- stage and commit solved conflict

see also:
(https://help.github.com/articles/resolving-a-merge-conflict-from-the-command-line/)
How to create and merge pull requests
see:
(https://help.github.com/articles/creating-a-pull-request/)
(https://help.github.com/articles/merging-a-pull-request/)