

Small overview about the functions of git and the most used commands.

All covered commands start with git

Getting Started

init

initialize a repository

optional flag: `--bare` causing to have a repository without a working tree where you push from other repositories

clone 'url'

calls `init` but copies an existing repository

remote add origin 'url'

specify a remote repository electively on a website like `github.com` or `gitlab.com`

config --global user.name "Name"

sets an username for all local git repositories

config --global user.email E-mail

sets an E-Mail-address for all local git repositories

config --list

shows all set configurations for the called repository

The ".gitignore" file

file to exclude specific file types from being tracked

Basic commands

add 'filename'/'path'

add a file to index

optional: by `'*'` adding all tracked files

commit

commit current contents of index. You will be asked for a commit-message in which you describe changes

common way: `-m " 'commit message' "` - one line commit

Advanced/Specific commands

Some commands you probably only need in a very distinct situation

update-index --assume-unchanged 'filename'

in case to untrack a file which already has been added to the git repository