

GIT CHEAT SHEET

homebrew

```
$ /bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"
$ brew --version
$ git --version
$ brew install git
```

configuration

```
$ git config --list
$ git config --global user.name "your name"
$ git config --global user.email "your email adress"
$ git config --global user.name
$ git config --global user.email
```

directories and files

```
$ pwd          $ ls -a
$ ls           $ cd ..
$ clear        $ history
$ cd xx
$ mkdir xx
```

file manipulation

```
$ touch a.xx
$ vi a.xx and push the "i" button.
for exit, first push the "ESC" button
and then "colon (:)" button.
After that write "wq"
and push "enter (return)"

$ subl a.py
$ code . a.py
$ rm a.py
$ touch xxx/aa.txt
$ $ mkdir xx
$ rm -r
```

stage and commit changes

```
$ git init
$ git status
$ git add aa.txt
$ git add .
$ git rn -cached aa.txt
$ git log

$ Git log --oneline
$ git commit -m "First commit"
$ git reset "xx commit id" --hard
$ git reset "xx commit id" --soft
$ git revert "xx commit id"
$ git commit --amend -m "new message"
```

branches and remote repositories

```
$ git branch feature
$ git branch -a
$ git checkout feature
$ git checkout -b feature-1
$ git branch -d feature
$ git branch -D feature
$ git merge feature

$ git push "paste https link here" xxx
$ git remote add origin "paste link here"
$ git remote -v
$ git push origin xxx
$ git clone "paste https of repository"
$ git branch -D feature
$ git merge feature
```

```
$ git fetch "paste here https adress"
$ git merge "https adress/" "branch name"
$ git pull "https adress/" "branch name"
```

```
$ touch .gitignore
```

