

0. INSTALL Git

1. UPDATE Linux

```
sudo apt get update
```

2. INSTALL

```
sudo apt install git
```

Git-Commands

0. CLONE repository:

```
git clone https://github.com/georgsommer-ai/cq-git-example.git
```

0. LINUX: show current directory

```
pwd
```

0.list directory content

```
ls
```

```
# 0. create file  
touch test.txt
```

1a. change to git-directory to “add” file!!!!!! to STAGING area (local)

```
cd cq-git-example/
```

1b. ADD files to STAGING area

```
git add filename1 filename2 ....
```

opt check STATUS

```
git status
```

2a.COMMIT w. message(mandatory!!!) to REPOSITORY area (local)

```
git commit -m "initial commit!"
```

```
# 2b. evtl zusätzlich - keine pers email nötig -nur so wie es hier steht
git config --global user.email "you@example.com"
git config --global user.name "Your Name"
```

3. PUSH to REMOTE Repository area (remote)

```
git push
```

2c. username:

```
georgsommer-ai
```

2c. pw:

```
ghp_k .....
```

3.If made a Mistake - s

3a. Check LOGs

```
git log
```

3b. DIFF- Check for DIFFerences to select right commit

```
git diff 7d174aa84ed8365180bda086eefd7a14c21d2c14 - github.md
```

3c. CHECKOUT

```
git checkout 7d174aa84ed8365180bda086eefd7a14c21d2c14 - github.md
```

markdown

info:

marp, dillinger.io,

```
git mv georg.txt georg.md
```

Warning: mv not the same because you delete the old file

```
mv georg.txt georg.md
```

create pdf out of markdown

```
pandoc -o github.pdf github.md
```