

# GIT - cheat sheet

## Install (Windows)

<https://git-scm.com/>

<https://desktop.github.com/>

## set up new repo

(create git repo in web gui first)

```
git init
git add .gitignore
touch README.md
git add README.md
git remote add myOrigin git@github.com:maxbis/examengesprekken
git push -u origin master
```

## ssh key

```
add ~/.ssh/id_rsa.pub in git hub web gui
```

## add file

```
git add <file name>
```

## update repo

```
git commit -a -m "comment"
git push
```

## Get updated files

```
git pull
```

## Overwrite local changes

```
git reset --hard  
git pull
```

## New clone - install new

```
git clone https://github.com/maxbis/examengesprekken  
  
// for Ubuntu server  
sudo chgrp -R www-data examengesprekken
```

## Go to older version

```
git reset --hard 0ad5a7a6.....
```

## Git **clear cache** (if ignore file is changed)

```
git rm --cached config
```

## List all tracked files

```
git ls-tree -r HEAD --name-only
```

## Git issues with .ignore

```
git rm -r --cached .  
git add .  
git commit -m "Stop tracking files that are now ignored"
```

## Init new repo

```
cd path/to/class-cloud
git init
git add .
git commit -m "Initial commit"

<create new repo on github>

git remote add origin https://github.com/maxbis/class-cloud.git
git push -u origin master

<on Linux>
git clone https://github.com/maxbis/class-cloud.git
```

## Set Remote Git && Check git remote

### SSH key

```
ssh-keygen -t ed25519 -C "your_email@example.com"

eval "$(ssh-agent -s)"
ssh-add ~/.ssh/id_ed25519

cat ~/.ssh/id_ed25519.pub
```

```
git remote set-url origin git@github.com:USERNAME/REPO.git
git remote -v
```

## Test Connection

```
ssh -T git@github.com
```

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