

# Git

*Cheat Sheet by Jeroen Boogaard*

## Initialization

```
git init
git --version
git config user.name "User"
git config user.email "user@mail.com"
git config --list
```

## Repository

Authentication

Clone an online repository

```
git clone <repository URL>
```

Set the local Git repository to set its remote origin

```
git remote add origin https://github.com/gittower/example.git
git remote -v
```

## Remote repository

```
git remote -v
git branch -u origin/develop
git push --set-upstream origin develop
git branch --unset --upstream
```

## Branching

Create local branch

```
git checkout -b my-branch
```

Remove local branch

```
git branch -d my-branch
```

Pull request

```
git request-pull main https://git.ko.xz/project branch
```

## Staging

```
git add index.html
```

Discard the effect of the previous operation and restore index.html to its state at the end of the third commit

```
git reset HEAD index.html
```

## Commit and push

Show commits

```
git log --oneline
```

Commit All

```
git commit -a
```

Discard changes

```
git checkout -- index.html
```

Restore previous commit

```
git reset HEAD index.html
```

Pushing your commits to the online repository

```
git push -u origin master
```

## Git objects

```
find .git/objects -type f
```

## References

Move a full Git repository