

# Git Cheetsheet

## General

```
$ cd PROJECT_DIR
$ git --version
$ git config --global user.name "YOUR_NAME"
$ git config --global user.email "YOUR_EMAIL"
$ git config --global core.editor "vim"
$ git config --list # Show your config
$ git help \ git help add
.gitignore (must be in project dir - not in .git)
```

## Working with git

```
$ git init
$ git add . \ git add -A
$ git add FILENAME
$ git reset \ reset FILENAME # Remove from staging area
$ git rm --cached FILENAME # To untrack FILENAME
$ git mv XXX YYYY # Rename filename XXX to YYYY
$ git status \ status -s # What changed (with compact list)
$ git commit -m "My First Commit" # Commit
$ git commit --amend "new commit message" # change last commit msg
$ git log \ log --pretty=oneline \ log --oneline
$ git diff # See changes on files since last commit
```

## Checkout

```
$ git checkout 2f52aa202095e16a660a5c479524622f6e3c36d2
$ git checkout master
$ git checkout file1.txt # return file1.txt from last commit
```

## Common workflow

```
$ git branch # See all branches
$ git branch dev
$ git checkout dev # Start working with the new branch
$ make changes to the source code
$ git add -A
$ git commit -m "message"
$ git checkout master
$ git merge dev
$ git branch -d dev # Delete not needed branch
```