

# GIT COMMANDS BASICS

## SETUP

`git`

*show most useful options*



`git config user.name <name>`

*set your name (will be visible to others) also **user.email***

## MAIN BRANCH

`git init MyProject`

*create new **repository** with name 'MyProject'*

`git add path/to/file.txt`

*add a file to be tracked by Git*

`echo file/you/want/to/ignore.txt >> .gitignore`

*add a file you don't want to be tracked by Git (autogenerated, executable files)*

`git status`

*show status of files in **repository***

`git add .`

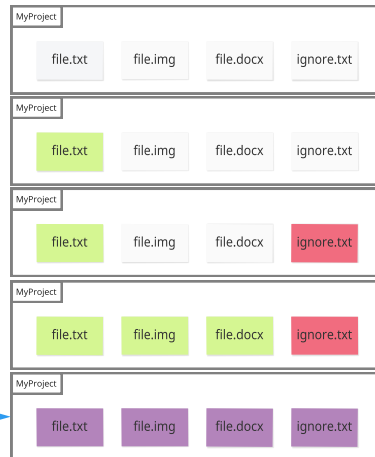
*add all files from the **repository** to be tracked*

`git commit -m "My first commit"`

*create new **commit** with given message*

`git log -n3`

*show 3 last **commit** messages*



## FEATURE BRANCH

`git branch feature-branch`

*create new **branch** with name 'feature-branch'*

`git checkout feature-branch`

*change current **branch** to 'feature-branch'*

`git diff HEAD`

*show differences between last **commit** and current changes*

`git checkout master`

*change current **branch** back to 'master'*

`git merge feature-branch`

*join **commits** from **branch** 'feature-branch' into 'master'*

`git branch -d feature-branch`

*delete **branch** 'feature-branch'*

