

Git Cheatsheet

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Introduction

This is a short cheatsheet on how I use Git daily. I don't use the more complex commands yet as I haven't learned them. Hope this is useful to some of you. I'll try to break it up in use-cases or scenarios with examples as I believe it is easier to understand.

Initializing a new git repo

On an existing codebase/project or on a empty directory type :

```
$ git init
```

This command creates a hidden folder named .git where all the git magic happens (hashes, working dir, etc...)

Most basic usage

The following commands are the most used commands by far, you'll do them a couple of times a day.

Add work to the index

```
$ git add .
```

This command adds your files to the index waiting to be committed. The "." means all that is within the current directory ("*" works fine too). As an image, "git add" takes a snapshot of the content of the working tree, that snapshot will then be used for the next commit.

Committing To save your changes to the repository

```
$ git commit -m 'This is a commit message'
```

This creates a new commit with the current index's content.

COMMIT1 : ellipse "test" at (1,0) COMMIT2 : ellipse "test2" at (2,0) line from COMMIT1.e to COMMIT2.w;