

# Git & GitHub - The Basics

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# Git - "the stupid content tracker"

*"Git is a fast, scalable, distributed revision control system with an unusually rich command set that provides both high-level operations and full access to internals." - [github.com/git/git](https://github.com/git/git)*

# Git Repositories

- ▶ Repositories can be
  - ▶ Created or forked
  - ▶ Owned by an individual or an organisation
  - ▶ Private or public
  - ▶ Hosted remotely (e.g. on GitHub) and/or locally (e.g. on a laptop)

# git status

```
$ git status
On branch master
```

```
Initial commit
```

```
Untracked files:
```

```
(use "git add <file>..." to include in what will be committed)
```

```
git-basics.aux
git-basics.log
git-basics.nav
git-basics.out
git-basics.pdf
git-basics.snm
git-basics.synctex.gz
git-basics.tex
git-basics.toc
git-basics.vrb
```

```
nothing added to commit but untracked files present (use "git add" to track)
```