

Git & Github Tutorial

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General

Terminology

Git areas

Local repositories

General

- ▶ Git is a **V**ersion **C**ontrol **S**ystem

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- ▶ created in 2005 by Linus Torvalds

Terminology

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► Commit (History)

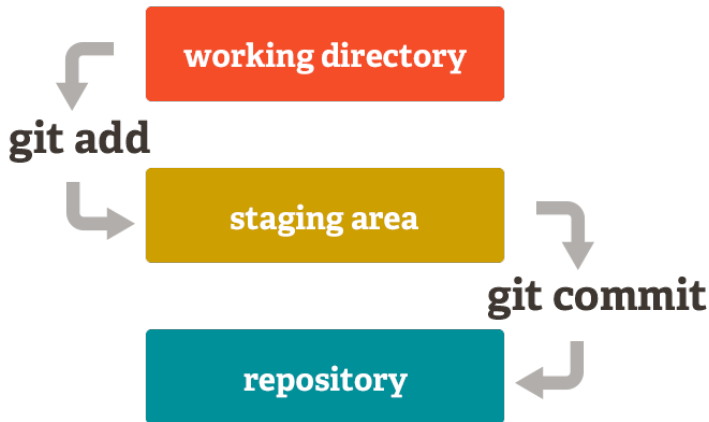
Terminology

- ▶ Commit (History)
- ▶ Branch (Merge)

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- ▶ Branch (Merge)
- ▶ (Remote) Repository

Git areas



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- ▶ contains patterns
- ▶ `*` matches anything
- ▶ `postceding /` matches a folder
- ▶ `preceding /` matches only in the root folder
- ▶ `preceding !` negates the pattern (i.e. includes files)

What do the following rules exclude?

```
/src/  
!/src/working/
```

Local repositories

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- ▶ create new local repository (`git init`)
- ▶ clone a remote repository (`git clone <URL>`)