#### Git & Github Tutorial

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Terminology

Git areas

Use your Github user in Git

Ignoring files



► Git is a Version Control System



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- created in 2005 by Linus Torvalds

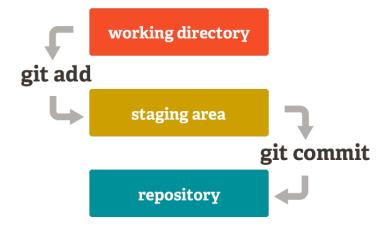


► Commit (History)

- ► Commit (History)
- ► Branch (Merge)

- Commit (History)
- ► Branch (Merge)
- ► (Remote) Repository

#### Git areas





## Use your Github user in Git



#### Use your Github user in Git

- set your username and e-mail
  - \$ git config --global user.name "<username>"
  - \$ git config --global user.email <e-mail>

exclude files with .gitignore-file



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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/
```



- create new local repository
  - \$ git init

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  - \$ git init
- clone a remote repository
  - \$ git clone <URL>