Introduction to `git`

Student Information: Links and Commands for the Workshop

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Course repository and slides: <simson.io/intro-to-git/>

This document contains some of the commands and links for the course. Feel free to download it and re-visit whenever I call it out to save you some time with typing out commands.

1.1: Let's Set Things Up: `git config`

```
# Add your name
git config --global user.name "Your Name"

# Add your email address
git config --global user.email "your.email@kit.edu"
```

For Linux/Mac:

```
git config --global core.autocrlf input
```

For Windows:

```
git config --global core.autocrlf true
```

1.2: Quiz

https://pingo.scc.kit.edu/

2.1: .gitignore

https://github.com/github/gitignore.

2.2: Murder Mystery

```
git clone https://github.com/open-teaching/git-murder-mystery.git
```

2.3: learngitbranching

https://learngitbranching.js.org/

3.1: Authenticating with GitHub (via SSH)

Web-Version of Tutorial PDF-Version of Tutorial

3.1: Course Summary Repository

https://github.com/open-teaching/git-course-summary-ss23

3.2: GitHub Pages Template

https://github.com/open-teaching/gh-pages-template

4.2: Links

- Hacktoberfest
- https://choosealicense.com/
- Zenodo
- Using a CITATION file
- GitHub Actions
- GitHub Student Pack
- `git` Guides

    - https://github.com/git-guides
    - Introduction to RStudio Git & GitHub
    - The Carpentries: Version Control with Git
    - https://gitimmersion.com

- Further Reading

    - Popular Workflow: Trunk Based Development
    - Using git with data
        * git lfs

- ∗ dvc: Data Version Control
  - – If you have a problem
    - ∗ ohshitgit.com (DE)
    - ∗ Google