

Intro to Github and Github issues

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- Create an account on github.com
 - Get added to CSC organization on Github
 - Add 2-step authentication
 - Add GPG and SSH keys
- Quick intro to Git
 - Where does it come from?
 - What is it for?
- What is Github?
 - How do we use it?

----- Hands on -----
- Creating a new repo
 - Adding files
 - Pushing changes
 - Proposing changes
 - Writing change logs (commit message)
- Creating Github issues
 - How and what to write there?
 - Find existing issues, both open or closed
 - Issue templates

Topics

- Go to <https://github.com/signup>
- Join CSCfi organization on Github
 - Send email to vcs-support@csc.fi with your **username**
 - Wait for answer
- You should then also be added to CSC employees Github team, which gives edit rights to some repos.
<https://github.com/orgs/CSCfi/teams/employees/members>
- Add two-factor authentication
 - Go to <https://github.com/settings/security>
 - Configure at least **Authenticator app**.
- Add SSH and GPG keys
 - So that you can access from terminal without password
 - Go to <https://github.com/settings/keys>

Create an account on github.com

- Where does it come from?

<https://git-scm.com/>

Git was originally authored by Linus Torvalds in 2005 for development of the Linux kernel - Wikipedia

- What is it for?

Git is software for tracking changes in any set of files, usually used for coordinating work among programmers collaboratively developing source code during software development. - Wikipedia

- Sample commands

```
git init
git add README.md
git status
git commit -m "Add the project's
README.md file"
git log
git push
git pull
```

How to write commit messages: <https://cbea.ms/git-commit/>
Check the videos and docs at <https://git-scm.com/doc>
Look at explanation about each command: <https://git-scm.com/docs>

Quick intro to Git

GitHub, Inc. is a provider of Internet hosting for software development and version control using Git. It offers the distributed version control and source code management (SCM) functionality of Git, plus its own features. It provides access control and several collaboration features such as bug tracking, feature requests, task management, continuous integration and wikis for every project. - Wikipedia

What is Github?

Documentation: <https://docs.github.com/en>

Tutorials: <https://lab.github.com/githubtraining/introduction-to-github>

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Hands on

- File formats
- Markdown syntax
- CSC user guide FAQ

More links

Questions?

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Thanks for you attention :)

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