Organisation of Student Repositories

- **GitLab** [https://gitlab.svccomp.de/](https://gitlab.svccomp.de/)
  - Web-based Git repository manager (like GitHub)
    - Git → distributed version control system
    - Documentation: [https://gitlab.svccomp.de/help/user/index.md](https://gitlab.svccomp.de/help/user/index.md)
  - Your supervisor will create an account for you using your student email address
    - Follow the email instructions to set your password

- Login with your username / email and password once you have configured your password

- Fill in the reCAPTCHA

- Complete the login process
GitLab Usage

- Browse all groups assigned to you
  - https://gitlab.svccomp.de/dashboard/groups

- Browse all repositories assigned to you
  - https://gitlab.svccomp.de/dashboard/projects

- Setup your SSH keys
  - https://gitlab.svccomp.de/profile/keys
  - Generate SSH keys:
    - https://gitlab.svccomp.de/help/ssh/README#generating-a-new-ssh-key-pair

- How to use git
  - https://rogerdudler.github.io/git-guide/
  - https://product.hubspot.com/blog/git-and-github-tutorial-for-beginners
  - https://git-scm.com/docs/gittutorial
Branches

- Master branch should contain only the **final version** of your work

- By default the **master branch is protected**
  - This means you cannot commit to it

- Create a **develop branch**
  - `$ git checkout -b develop`
  - `$ git push -u origin develop`

- Add your commits to the develop branch and push them

- Modifications to this branching model may be made by your supervisor
Before finishing your project or thesis, the final version has to be placed in the master branch. This is mandatory.

Create a Merge Request
- Source: develop
- Target: master

Assign your supervisor to the merge request

Finalize the merge request