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# GitLab User Documentation

Welcome on the UNIGE GitLab documentation. You will find here all the information you need to use the UNIGE GitLab instance.

#### See:



- https://gitlab.unige.ch/help/user/index.md if you are looking for the upstream documentation of the UNIGE GitLab running instance.
- 2. https://catalogue-si.unige.ch if you need to contact the team behind GitLab.

# Learning

Please see the UNIGE official formations at Source code management with Git.

#### Access

gitlab.unige.ch is open to the whole Swiss educational audience via SWITCHaai (UNIGE members should use their ISIs credentials) and to any non-academic entity via SWITCH edu-ID (free registration required). For this reason, password authentication has been deactivated.

### SSH

Git clone/push/pull are available:

- via SSH (see https://gitlab.unige.ch/help/user/ssh ) after either the user has added a key in the GitLab profile settings or one of the project administrators has set up a **Deploy Key** in the GitLab project interface (see https://gitlab.unige.ch/help/user/project/deploy\_keys/index.md )
- via HTTPS after the user has generated a **Personal Access Token** in the GitLab profile settings (see https://gitlab.unige.ch/help/user/profile/personal\_access\_tokens.md) or one of the project administrators has set up a **Deploy Token** in the GitLab project interface (see https://gitlab.unige.ch/help/user/project/deploy tokens/index.md)

# How to validate your GitLab UNIGE email address

The link contained in the e-mail from the address GitLab noreply-gitlab@unige.ch sent to your email address is valid for three days.

After this time, you must request a confirmation again by yourself.

Please do not attempt to authenticate yourself by clicking on the Sign in link on this page!

Here are the procedures for both cases:

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## Email address confirmation within the three days deadline

- open the confirmation e-mail with Confirmation instructions subject from GitLab noreply-gitlab@unige.ch
- click on Confirm your email address link
  - here's an example of a confirmation link:



https://gitlab.unige.ch//profile/emails/confirmation?confirmation token=<alpha numeric token>

• you will be automatically authenticated and you will obtain the following message confirming your e-mail address validation:



Your email address has been successfully confirmed.

## Email address confirmation after the three-day deadline

- open the confirmation e-mail with Confirmation instructions subject from GitLab noreply-gitlab@unige.ch
- click on Confirm your email address link
  - here's an example of a confirmation link:



https://gitlab.unige.ch/-/profile/emails/confirmation?confirmation token=<alpha numeric token>

 on this page you will obtain the following error message explaining that the deadline has been exceeded:



1 error prohibited this email from being saved: - Email needs to be confirmed within 1 day, please request a new one below

- in the email field below error message, input again your email address to be confirmed
- click on the Resend button
- as soon you receive your new confirmation e-mail, follow the steps in the previous paragraph (Email address confirmation within the three days deadline).

### **Permissions**

Access to each resource is directly managed **per (sub)group or project** via the web interface (see https://gitlab.unige.ch/help/user/permissions).

To easy access management, you should think in a hierarchical terms from the very beginning:

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1. create a top-level group with the least possible members (basically, only the administrators)

2. inside this group, create sub-groups or projects with specific permissions

Independently of the authentication source (SWITCHaai or SWITCH edu-ID), those users without a UNIGE mail address will automatically get an **external** account (see <a href="https://gitlab.unige.ch/help/user/permissions#external-users">https://gitlab.unige.ch/help/user/permissions#external-users</a>), which means that:



- 1. they can not create groups or projects
- 2. read access to private or internal projects must be explicitly granted
- 3. read access to public projects is permitted
- 4. write access to any project must be explicitly granted

#### **Resources**

By default, the following settings apply to any internal users:

- 1. maximum number of projects: 20
- 2. maximum size of a single project: 100MB
- maximum size of an attachment: 10MB
- 4. maximum size of a single git push: 1MB

Please contact the UNIGE GitLab administrators (see <a href="https://catalogue-si.unige.ch/gitlab">https://catalogue-si.unige.ch/gitlab</a> ) if you need more resources.



If you need to store **large** files such as audio, video or graphics ones, please consider switching to Git LFS!

#### **Features**

The UNIGE GitLab instance is based on the upstream **Community Edition** (cf. https://about.gitlab.com/install/ce-or-ee/), since until now no Enterprise features have been needed after various evaluation.

Of the CE-included feature, the UNIGE GitLab instance does not support the following ones:

- 1. CI/CD shared runners (cf. https://dataforum.unige.ch/t/gitlab-runners-not-available/401)
- 2. Pages (cf. https://dataforum.unige.ch/t/gitlab-pages-support/194)
- 3. PlantUML (cf. https://gitlab.unige.ch/help/administration/integration/plantuml.md via https://support-si.unige.ch/openentry.html?tid=INC000000146442)

# **Project visibility**

By default, each project is **private**, i.e. they can only be cloned and viewed by project members.

For more details, please check the corresponding section of the upstream documentation of the UNIGE GitLab instance.

### **External resources**

Learn Git with a game: https://ohmygit.org/

Git Windows client

https://dataforum.unige.ch/t/recommended-git-client-for-gitlab-unige-account/322/2

SPC VCS courses https://spc.unige.ch/en/teaching/digitalskills/source-code-management-git/

You did something wrong with Git? This site may help you: https://ohshitgit.com/

From:

https://doc.eresearch.unige.ch/ - eResearch Doc

Permanent link:

https://doc.eresearch.unige.ch/gitlab/start?rev=1738751160

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