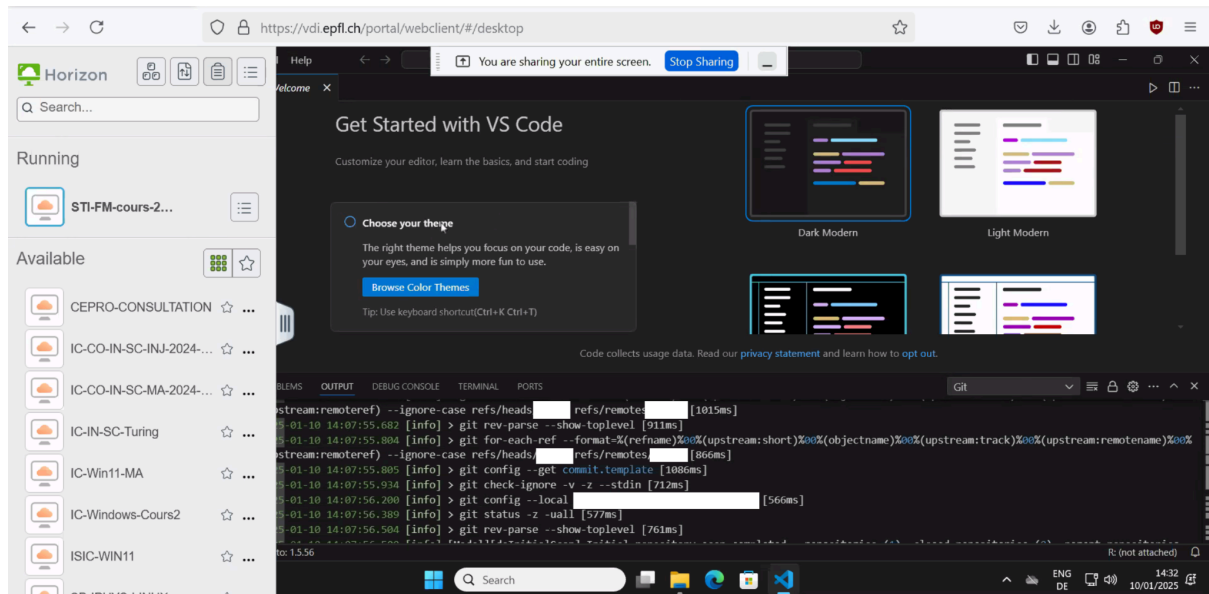


# From GASPAS password to personal access token

<https://go.epfl.ch/gitlab-regained>

Scenario: you are logged in to the STI-FM-cours-2024 VM pool, and accessing your work using Visual Studio Code.



Problem: the password you set up in GitLab at the beginning of the school year (either your GASPAS password, or another one that you picked for this purpose) no longer seems to work.

Solution: read on.

## Step 1: create a personal access token

Source: [https://gitlab.epfl.ch/help/user/profile/personal\\_access\\_tokens.md](https://gitlab.epfl.ch/help/user/profile/personal_access_tokens.md)


1. Navigate to <https://gitlab.epfl.ch/> and log in using your GASPAR credentials, if asked.




## GitLab Community Edition

Tequila

click the Tequila button, if necessary.





Login pour le service  
gitlab



Username

Mot de passe

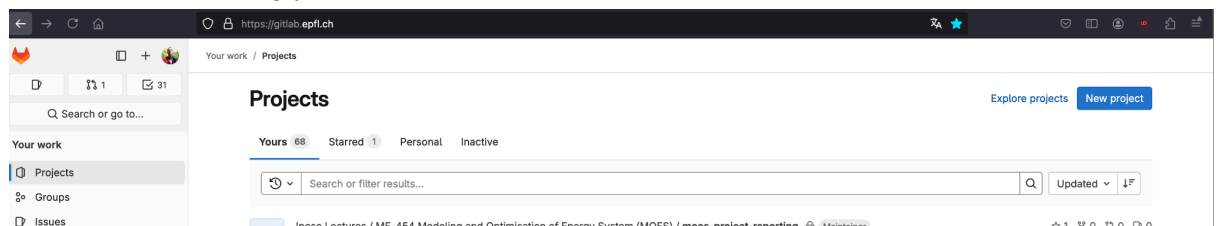


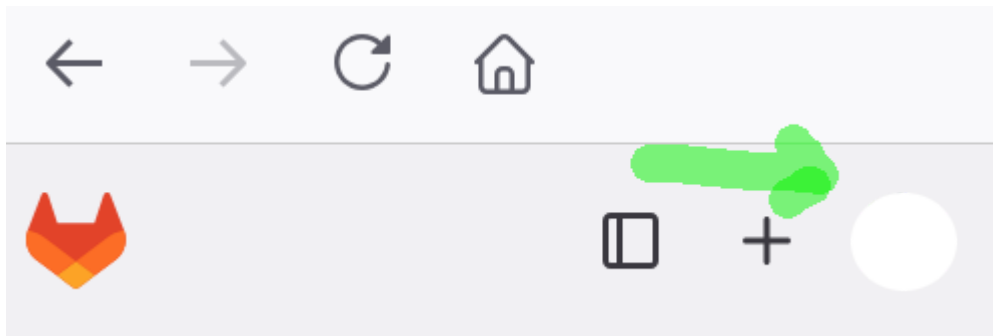


[English] [Français] [Deutsch]

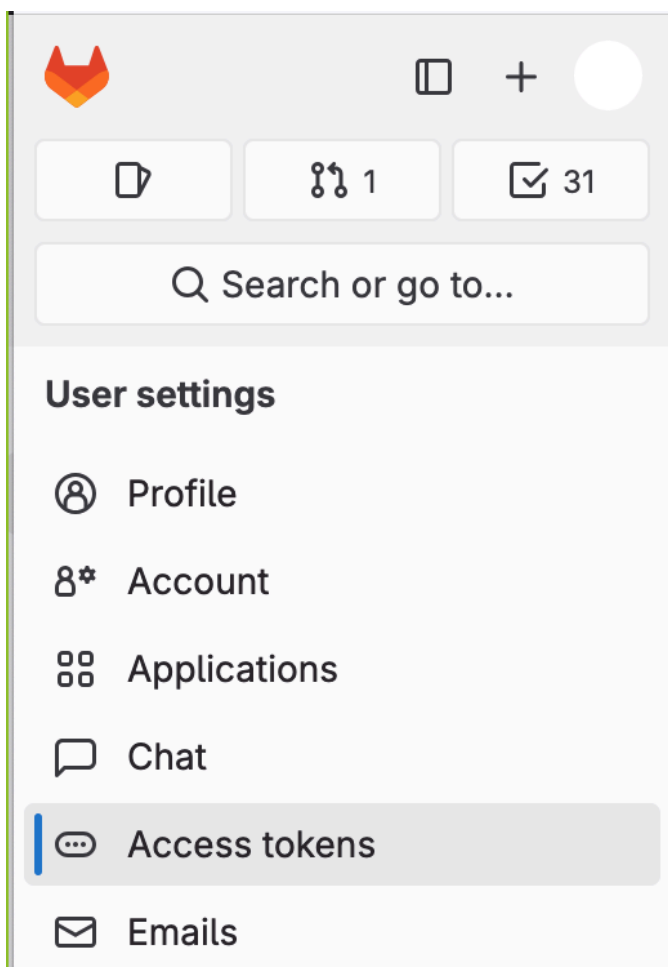
Protocol 2.1 available

Fill out the form using your usual (so-called “GASPAR”) credentials.





2. Click on your avatar (round picture of you or abstract art) in the upper left corner as shown on the image above; then click Edit Profile



Click Access tokens in the left-hand menu

#### Personal access tokens

You can generate a personal access token for each application you use that needs access to the GitLab API. You can also use personal access tokens to authenticate against Git over HTTP. They are the only accepted password when you have Two-Factor Authentication (2FA) enabled.

Active personal access tokens 0					Add new token
Token name	Scopes	Created	Last Used ?	Expires	Action
This user has no active personal access tokens.					

Click Add new token

**Personal access tokens**

token name

IPES lectures

For example, the application using the token or the purpose of the token.

Expiration date

2025-02-09

✕ 📅

Select scopes

Scopes set the permission levels granted to the token. [Learn more.](#)

☐ api

Grants complete read/write access to the API, including all groups and projects, the container registry, the dependency proxy, and the package registry.

☐ read\_api

Grants read access to the API, including all groups and projects, the container registry, and the package registry.

☐ read\_user

Grants read-only access to your profile through the /user API endpoint, which includes username, public email, and full name. Also grants access to /users.

☐ create\_runner

Grants create access to the runners.

☐ manage\_runner

Grants access to manage the runners.

☐ k8s\_proxy

Grants permission to perform Kubernetes API calls using the agent for Kubernetes.

☒ read\_repository

Grants read-only access to repositories on private projects using Git-over-HTTP or the Repository Files API.

☒ write\_repository

Grants read-write access to repositories on private projects using Git-over-HTTP (not using the API).

☐ ai\_features

Grants access to GitLab Duo related API endpoints.

☐ sudo

Grants permission to perform API actions as any user in the system, when authenticated as an admin user.

☐ admin\_mode

Grants permission to perform API actions as an administrator, when Admin Mode is enabled.

☐ read\_service\_ping

Grant access to download Service Ping payload via API when authenticated as an admin user

Set up a suitable name, expiration date and permissions as shown (“read\_repository” and “write\_repository” should suffice for permissions)

Create personal access token

click Create personal access token. Your token becomes available at the top of the screen:

**Personal access tokens**

You can generate a personal access token for each application you use that needs access to the GitLab API. You can also use personal access tokens to authenticate against Git over HTTP. They are the only accepted password when you have Two-Factor Authentication (2FA) enabled.

🟢 Your new personal access token

.....

👁 📄

Make sure you save it - you won't be able to access it again.

✕

3. Keep note of the token value, as instructed.

Step 2 : use the personal access token as a GitLab password  
from now on

[illegible]

💡 **You need to keep using your GASPAR login name** — Contrary to what the software on board the VM would have you believe, that field is **not** optional.