

Git Server for CAL Group

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GitLab Enterprise Edition

Open source software to collaborate on code

Manage Git repositories with fine-grained access controls that keep your code secure. Perform code reviews and enhance collaboration with merge requests. Each project can also have an issue tracker and a wiki.

Sign in

Username or email

Password

Remember me [Forgot your password?](#)

Sign in

[Explore](#) [Help](#) [About GitLab](#)

URL : git.gwlab.phy.ncu.edu.tw

The screenshot displays the GitLab web interface for a newly created project named 'Test'. The top navigation bar includes the GitLab logo and menu items for Projects, Groups, Activity, Milestones, and Snippets. A search bar is also present. The left sidebar contains a navigation menu with options like Project, Details, Activity, Releases, Cycle Analytics, Repository, Issues, Merge Requests, CI / CD, Operations, Wiki, Snippets, and Settings. The main content area features a blue notification banner stating 'Project 'Test' was successfully created.' Below this, the project details for 'Test' are shown, including the project ID (2), a 'Clone' button, and statistics for stars (0) and forks (0). The commit history shows an 'Initial commit' by Wu-Cheng, Chiang, authored 26 seconds ago, with a commit hash of d818c0d9. At the bottom, there are buttons for adding a README, CHANGELOG, CONTRIBUTING file, and enabling Auto DevOps, along with an option to add a Kubernetes cluster.

Please set the SSH key right after you create the project!

Step 1. `ssh-keygen -t ed25519 -C "your mail"`

After typing in this command in your terminal, you can decide where to put your keys or set up the passphrase interactively. If this is your first time to set up this, I would recommend you to put all the related files in default path.

Step 2. `pbcopy < ~/your key path/your key file.pub` (this works only for Macs)

add the public key to your account by clicking your avatar in the upper right corner and selecting **Settings**. From there on, navigate to **SSH Keys** and paste your public key in the " Key " section.

- User Settings
- Profile
- Account
- Applications
- Chat
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- Password
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- SSH Keys**
- GPG Keys
- Preferences
- Active Sessions
- Authentication log
- Pipeline quota
- Collapse sidebar

User Settings > SSH Keys

SSH Keys

SSH keys allow you to establish a secure connection between your computer and GitLab.

Add an SSH key

To add an SSH key you need to [generate one](#) or use an [existing key](#).

Key

Paste your public SSH key, which is usually contained in the file '~/.ssh/id_rsa.pub' and begins with 'ssh-rsa'. Don't use your private SSH key.

Typically starts with "ssh-rsa ..."

Title

Name your individual key via a title

Your SSH keys (0)

There are no SSH keys with access to your account.

If you wanna access to multiple git servers like github, gitlab, or Bitbucket, etc....., You need to edit a configuration file in the path that your ssh client can access to, or it will have no idea of the matching relation of each key.

If you used the default path to complete the process above, then please edit a **config** file under "**~/.ssh**".

In your text editor, please type in the settings following the format below:

The description for this block of setting.

Host git.gwlab.phy.ncu.edu.tw

Preferredauthentications publickey

IdentityFile ~/.ssh/**your preferred sub directory/the private key**

CAUTION : Please use the path where you stored your key file!

```
# GitLab.com
Host gitlab.com
  Preferredauthentications publickey
  IdentityFile ~/.ssh/gitlab_com_ed25519/id_ed25519

# Github.com
Host github.com
  Preferredauthentications publickey
  IdentityFile ~/.ssh/github_com_rsa/id_rsa

# Git.gwlab
Host git.gwlab.phy.ncu.edu.tw
  Preferredauthentications publickey
  IdentityFile ~/.ssh/git_gwlab_ed25519/id_ed25519
```

I recommend you to build up a structure storing your keys. This can help you to distinguish which key belongs to which server and manage or even renew them easily.