

CS311 GitLab

- <https://cs311.kaist.ac.kr>
- Please sign in with your pre-assigned account
 - Username: st[**student id**]
 - Ex) st20201234
 - Password: **It will be released in grade section of KLMS.**
- If you have any questions, please contact us by cs311_ta@casys.kaist.ac.kr

Fork the deployed project to your repository (1)

- Do not click “Star”
 - If you do, other students can access your private code

cs311 > Project1-MIPS-Assembler



Project1-MIPS-Assembler

Project ID: 37



☆ Star

0

Fork

1

3 Commits 1 Branch 0 Tags 215 KB Project Storage



untar sample

Kwanghoon-Choi authored 19 hours ago

6bfa3bba



master ▾

project1-mips-assembler /



Find file

Web IDE



Clone ▾

Auto DevOps enabled


Add Wiki

Name	Last commit	Last update
sample_input	untar sample	19 hours ago
sample_output	untar sample	19 hours ago
Makefile	init	20 hours ago
main.c	init	20 hours ago

Fork the deployed project to your repository (2)

- Set “Project URL” to your namespaces (username)
 - Not to change other forms

cs311 > Project1-MIPS-Assembler > Fork project



Fork project

A fork is a copy of a project. Forking a repository allows you to make changes without affecting the original project.

Project name

Must start with a lowercase or uppercase letter, digit, emoji, or underscore. Can also contain dots, pluses, dashes, or spaces.

Project URL

Select a namespace

Want to organize several dependencies? [Create a group](#)

Project slug

Project description (optional)

Search

cs311

leesh6796

Visibility level ⓘ

☒ Private
Project access must be granted explicitly to each user. If this project is part of a group, access will be granted to members of the group.

☐ Internal
The project can be accessed by any logged in user.

☐ Public
The project can be accessed without any authentication.

Fork project

Cancel

Fork the deployed project to your repository (3)

- If you can see below screen, you are success to fork

Profile was successfully updated

P

Project1-MIPS-Assembler

Project ID: 39

Star 0

Fork 0


3 Commits

1 Branch

0 Tags

102 KB Project Storage

Forked from [cs311 / Project1-MIPS-Assembler](#)



untar sample
Kwanghoon-Choi authored 19 hours ago

6bfa3bba

master

project1-mips-assembler /

Find file

Web IDE

Clone

Auto DevOps enabled

Add README

Add LICENSE

Add CHANGELOG

Add CONTRIBUTING

Add Kubernetes cluster

Add Wiki

Configure Integrations

Name	Last commit	Last update
sample_input	untar sample	19 hours ago
sample_output	untar sample	19 hours ago
Makefile	init	20 hours ago
main.c	init	20 hours ago

Generate and register public SSH key (1)

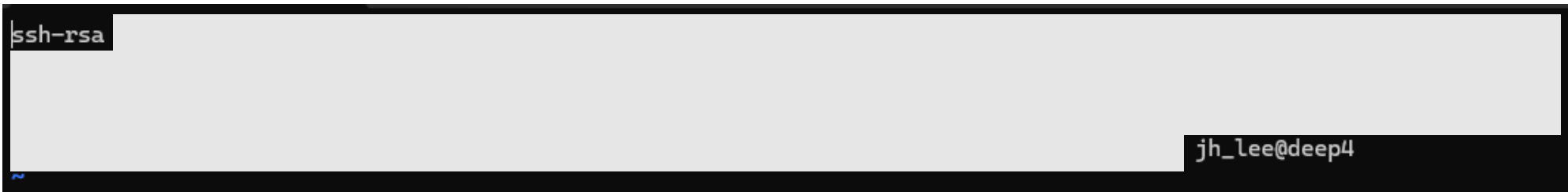
- Please generate the SSH key for gitlab server access.

```
jh_lee@deep4:~$ ssh-keygen
Generating public/private rsa key pair.
Enter file in which to save the key (/home/jh_lee/.ssh/id_rsa):
Created directory '/home/jh_lee/.ssh'.
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/jh_lee/.ssh/id_rsa
Your public key has been saved in /home/jh_lee/.ssh/id_rsa.pub
The key fingerprint is:
SHA256:eijoqnQPp0zXyLe01+9I1xZAh6oSJgjXo2zFp/39gyQ jh_lee@deep4
The key's randomart image is:
+---[RSA 3072]-----+
|  o      ...      |
| . . = . . . .    |
| oo o =  . .      |
| ..+o. . . .      |
| .o.. ..S. .      |
| . oo . oE + .     |
| +oo= +..+ =      |
| o..++=.oo o o     |
| +oo.++..oo .      |
+---[SHA256]-----+
```

Generate and register public SSH key (2)

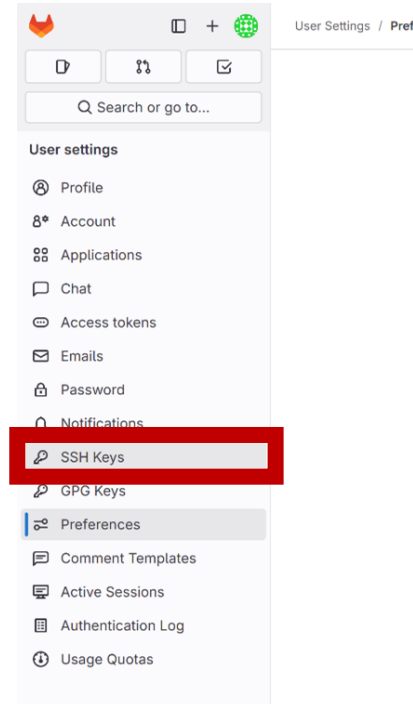
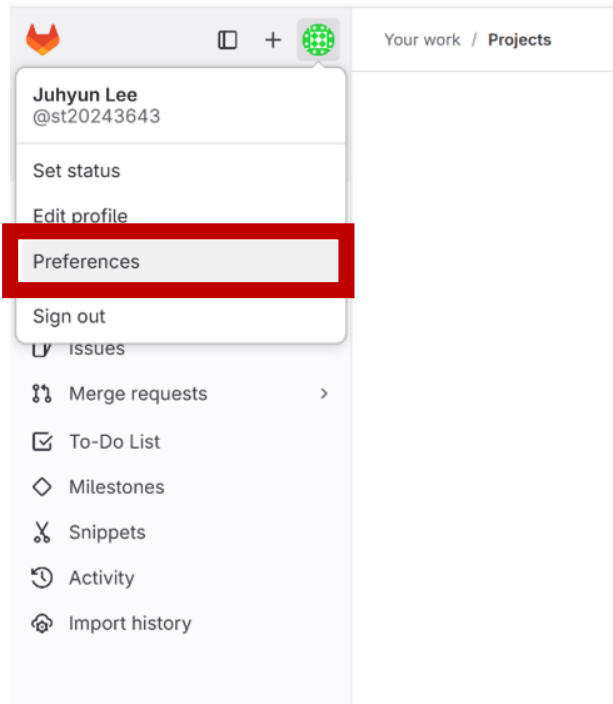
- Move to `.ssh` directory and check the content of `id_xxx.pub` file.
- Please **copy the entire content** including the *user@server_name* part.
- Press Esc + “:q” to quit vim.

```
jh_lee@deep4:~$ cd .ssh
jh_lee@deep4:~/.ssh$ ls
id_rsa  id_rsa.pub
jh_lee@deep4:~/.ssh$ vim id_rsa.pub
```



Generate and register public SSH key (3)

- Click “Preferences” and then “SSH Keys”



Generate and register public SSH key (4)

- Click “Add new key”

The screenshot displays the GitLab User Settings interface for SSH Keys. On the left, a sidebar lists various settings categories, with 'SSH Keys' currently selected. The main content area features a search bar at the top, followed by the 'SSH Keys' title and a descriptive paragraph. Below this, a section titled 'Your SSH keys' shows a count of 0 keys. A large purple padlock icon is centered in the main area, with the text 'There are no SSH keys with access to your account' below it. In the top right corner of the 'Your SSH keys' section, a button labeled 'Add new key' is highlighted with a red rectangular box. A red arrow points from the right edge of the image towards this button.

User Settings / SSH Keys

Search settings

SSH Keys

SSH keys allow you to establish a secure connection between your computer and GitLab. SSH fingerprints verify that the client is connecting to the correct host. Check the [current instance configuration](#).

Your SSH keys 0

Add new key

There are no SSH keys with access to your account

Generate and register public SSH key (4)

- Paste the public ssh key and click “Add key”.

User Settings / SSH Keys

Search settings

SSH Keys

SSH keys allow you to establish a secure connection between your computer and GitLab. SSH fingerprints verify that the client is connecting to the correct host. Check the [current instance configuration](#).

Your SSH keys 1

Add an SSH key

Add an SSH key for secure access to GitLab. [Learn more](#).

Key

ssh-rsa

jh_lee@deep4

Begins with 'ssh-rsa', 'ssh-dss', 'ecdsa-sha2-nistp256', 'ecdsa-sha2-nistp384', 'ecdsa-sha2-nistp521', 'ssh-ed25519', 'sk-ecdsa-sha2-nistp256@openssh.com', or 'sk-ssh-ed25519@openssh.com'.

Title

jh_lee@deep4

Key titles are publicly visible.

Usage type

Authentication & Signing

Expiration date

2026-03-07

Optional but recommended. If set, key becomes invalid on the specified date.

Add key Cancel

Clone the deployed project (1)

- Please clone the project that you forked with **SSH** (do not use HTTPS)

Juhyun Lee / test1

T test1

main test1 +

Forked from test / test1
Up to date with the upstream repository.

Initial commit
Administrator authored 23 hours ago

Name	Last commit
README.md	Initial commit

README.md

test1

Getting started

To make it easy for you to get started with GitLab, here's a list of recommended next steps:

Already a pro? Just edit this README.md and make it your own. Want to make it easy? [Use the template at the bottom!](#)

Add your files

1. Click here first

2. Copy SSH clone URL

Clone with SSH

ssh://git@cs311.kaist.ac.kr:2222

Clone with HTTPS

https://cs311.kaist.ac.kr/st2024

Open in your IDE

Visual Studio Code (SSH)

Visual Studio Code (HTTPS)

IntelliJ IDEA (SSH)

IntelliJ IDEA (HTTPS)

Download source code

zip

tar.gz

tar.bz2

tar

Clone the deployed project (2)

- Please clone the project that you forked with **SSH** (do not use HTTPS)

```
jhlee@deep9:~$ git clone ssh://git@cs311.kaist.ac.kr:2222/st20243643/test1.git
Cloning into 'test1'...
The authenticity of host '[cs311.kaist.ac.kr]:2222 ([143.248.188.41]:2222)' can't be established.
ED25519 key fingerprint is SHA256:pWaG1211+rL2mW/9N4r1XQyqq2y+f+dfRTtaxjonimo.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '[cs311.kaist.ac.kr]:2222' (ED25519) to the list of known hosts.
remote: Enumerating objects: 3, done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 3 (from 1)
Receiving objects: 100% (3/3), done.
```

Submit (1)

- Submit your work to your private GitLab repository by adding a “submit” tag.
 - Please follow the steps below when submitting.
1. Commit and push your **code** and **Makefile** to your remote repository.
 2. Type the following command in your working directory.
 - `git tag -a submit -m “whatever message you want”`
 - `git push origin submit`

Submit (2)

- If you success submitting with tags, you can see below screen



The image shows a project page for "Project1-MIPS-Assembler". It features a yellow square icon with a black 'P'. Below the icon, the project name "Project1-MIPS-Assembler" is displayed with a lock icon. Underneath, it says "Project ID: 40" with a small icon. A red arrow points to the "1 Tag" icon, which is highlighted with a red box. To the right of the arrow, the text "A new tag appears" is written in red. Below the project name, it shows "4 Commits", "1 Branch", and "133 KB Project Storage". At the bottom, it says "Forked from cs311 / Project1-MIPS-Assembler".

Project1-MIPS-Assembler

Project ID: 40

1 Tag 133 KB Project Storage

Forked from [cs311 / Project1-MIPS-Assembler](#)

이상현 > Project1-MIPS-Assembler > Tags

Tags give the ability to mark specific points in history as being important

submit

[757a5ef2](#) · Complete · 21 minutes ago

Submit

Delete the submit tag and resubmit

- If you have modified the code after submission or submitted it incorrectly, you need to delete the tag and create it again.
- Type the following command in your working directory to delete tag.
 - `git tag -d submit`
 - `git push origin main :submit`
- Submit your code and Makefile with tag again.