

cloud_native_hw2

2025 spring - cloud native - assignment 2

Repo link : https://github.com/sheepycat/cloud_native_hw2.git

Part 1. Repo 操作

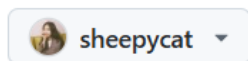
Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere?

[Import a repository.](#)

Required fields are marked with an asterisk ().*

Owner *



Repository name *

/ cloud_native_hw2

⚠ The repository cloud_native_hw2 already exists on this account.

Great repository names are short and memorable. Need inspiration? How about [miniature-meme](#) ?

Description (optional)



Public

Anyone on the internet can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.

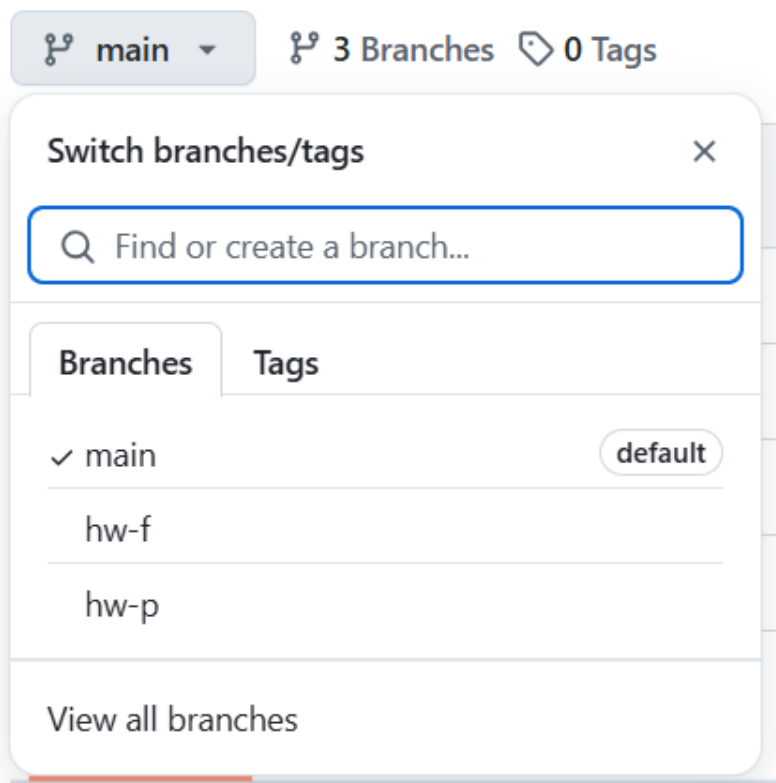
Initialize this repository with:



Add a README file

This is where you can write a long description for your project. [Learn more about READMEs.](#)

- 創建新 Repo · 設定 repo name、權限 (public)、新增 README.md



- 創建 hw-f, hw-p 兩個 branch

Part 2. Issue

Features

☒ **Wikis**
Wikis host documentation for your repository.

☒ **Restrict editing to collaborators only**
Public wikis will still be readable by everyone.

☒ **Issues**
Issues integrate lightweight task tracking into your repository. Keep projects on track with issue labels and milestones, and reference them in commit messages.

Get organized with issue templates

Give contributors issue templates that help you cut through the noise and help them push your project forward.

[Set up templates](#)

- 從 Repo settings 的 Features 新增 issue template

Issue: Bug report

Create a report to help us improve

Describe the bug

A clear and concise description of what the bug is.

To Reproduce

Steps to reproduce the behavior:

1. Go to '...'

2. Click on '....'

3. Scroll down to '....'

4. See error

Close preview

is:issue state:open

LabelsMilestonesNew issue

Open1Closed1

AuthorLabelsProjectsMilestonesAssigneesTypesNewest

Issue Template test

#2 · sheepycat opened 2 da

Create new issue

Bug report

Create a report to help us improve

Blank issue

Create a new issue from scratch

Edit templates

Part 3&4 Pull Request & GitHub Action

- hw-p, hw-f 的 pull request 和 comment:

edit main.py [hw-p] #3

 Merged sheepycat merged 1 commit into `main` from `hw-p` 2 hours ago

 Conversation 1  Commits 1  Checks 1  Files changed 1





sheepycat commented 2 hours ago

Owner ...

testing pull request from hw-p
edited main.py

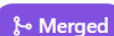


  edit main.py [hw-p]

✓ eaf1516

R
N
—
A
N
—
L
N

add file: hw_f.py #4

 Merged sheepycat merged 1 commit into `main` from `hw-f` 1 hour ago

 Conversation 1  Commits 1  Checks 1  Files changed 1





sheepycat commented 1 hour ago

Owner ...

add hw_f.py to main



  add file: hw_f.py

✓ 7a4cd3


- Github action: 使用 template: simple workflow · 再額外加入兩個步驟: 使用 requirements.txt install dependencies、run test.py





```
- name: Install dependencies
  run: |
    if [ -f requirements.txt ]; then
      pip install -r requirements.txt
    else
      echo "No requirements.txt found"
    fi


- name: Run test.py
  run: |
    if [ -f test.py ]; then
      python test.py
    else
      echo "No test.py found"
    fi
```

- hw-p, hw-f PR 的 Github Action 運行結果。其中 hw-f 的 test.py 有 bug · 使 Github Action 運行失敗

add requirements and test.py #6

 **Merged** sheepycat merged 1 commit into `main` from `hw-p`  5 minutes ago


 Conversation 1  Commits 1  Checks 2  Files changed 2

 **add requirements and test.py** 3d704d7 ▾



✓ CI
on: pull_request


✓ build


build
succeeded 33 minutes ago in 8s

>  Set up job

add requirements and test.py #5

 **Closed** sheepycat wants to merge 1 commit into `main` from `hw-f` 


 Conversation 2  Commits 1  Checks 2  Files changed 2


 **add requirements and test.py** fcfb5ff ▾

✓ CI
on: pull_request

✗ build

Annotations
1 error

 **Run test.py**
Process completed with exit code 1.

 1