

練習 1: Git 簡介 / 建立 GitHub 帳號

我們將介紹 git 的使用方法，以 GitHub 為例，也可以配合本課程所提供的 git 帳號。

1. Git 介紹

Git 有三種表達檔案的狀態

- 已提交(committed)：已提交意謂著資料已安全地存在讀者的本地端資料庫。
- 已修改(modified)：已修改代表著讀者已修改檔案但尚未提交到資料庫。
- 已暫存(staged)：已暫存意謂著讀者標記已修改檔案目前的版本到下一次提供的快照。

Git 工作流程，大致如下：

- 使用者從 Git 目錄下載某一特定版本檔案到工作區。
- 使用者修改工作目錄內的檔案。
- 使用者將檔案的快照新增到暫存區域。
- 使用者做提交的動作，將存在暫存區域的檔案快照永久的儲存在 Git 目錄。

2. 註冊 GitHub 帳號 (已擁有帳號者，請使用自己的帳號，並可跳過此步驟)

1. 到 <https://github.com/>
2. 輸入使用者名稱、信箱及密碼後，點擊 Sign up for GitHub

Personal Open source Business Explore Pricing Search GitHub Sign in or Sign up

How people build software

Millions of developers use GitHub to build personal projects, support their businesses, and work together on open source technologies.

NTUTGitTutorial

as80110680+87@gmail.com

Use at least one letter, one numeral, and seven characters.

Sign up for GitHub

By clicking "Sign up for GitHub", you agree to our [terms of service](#) and [privacy policy](#). We'll occasionally send you account related emails.



3. 點擊 Continue

Search GitHub Pull requests Issues Gist

Welcome to GitHub

You've taken your first step into a larger world, @NTUTGitTutorial.

Completed Set up a personal account Step 2: Choose your plan Step 3: Tailor your experience

Choose your personal plan

Unlimited public repositories for free.

Unlimited private repositories for \$7/month. [\(view in TWD\)](#)

Don't worry, you can cancel or upgrade at any time.


Help me set up an organization next
Organizations are separate from personal accounts and are best suited for businesses who need to manage permissions for many employees. [Learn more about organizations.](#)

Both plans include:

- ✓ Collaborative code review
- ✓ Issue tracking
- ✓ Open source community
- ✓ Unlimited public repositories
- ✓ Join any organization

Continue

4. 點擊 Submit

 Search GitHub [Pull requests](#) [Issues](#) [Gist](#)

Welcome to GitHub

You'll find endless opportunities to learn, code, and create, @NTUTGitTutorial.

Completed
Set up a personal account

Step 2:
Choose your plan

Step 3:
Tailor your experience

How would you describe your level of programming experience?

Totally new to programming Somewhat experienced Very experienced

What do you plan to use GitHub for? (check all that apply)

Design Research Project Management
 Development School projects Other (please specify)

Which is closest to how you would describe yourself?


I'm a professional I'm a student I'm a hobbyist
 Other (please specify)

What are you interested in?

e.g. tutorials, android, ruby, web-development, machine-learning, open-source

[skip this step](#)

5. 到註冊時所使用的信箱，點擊 Verify email

 **GitHub** <noreply@github.com>
寄給我 ▾

Hi @NTUTGitTutorial!

Help us secure your GitHub account by verifying your email address (as80110680+87@gmail.com). This lets you access all of GitHub's features.

[Verify email address](#)

6. 完成註冊