


# GITHUB 教學



# GIT 安裝說明 - WIN

進入此網站進行下載的動作：<https://git-scm.com/>



The screenshot shows the Git website homepage. At the top, the Git logo and tagline "--local-branching-on-the-cheap" are visible. Below this, a search bar and a navigation menu are present. The main content area features a large illustration of a branching model. To the left, there are four sections: "About", "Documentation", "Downloads", and "Community". The "Downloads" section is highlighted with a red box. Below the main content, there is a section for "Pro Git" book and a "Latest source Release" section showing version 2.47.0. A red box highlights the "Download for Windows" button in the "Latest source Release" section.

git --local-branching-on-the-cheap

Type / to search entire site...

Git is a **free and open source** distributed version control system designed to handle everything from small to very large projects with speed and efficiency.

Git is **easy to learn** and has a **tiny footprint with lightning fast performance**. It outclasses SCM tools like Subversion, CVS, Perforce, and ClearCase with features like **cheap local branching**, convenient **staging areas**, and **multiple workflows**.

**About**  
The advantages of Git compared to other source control systems.

**Documentation**  
Command reference pages, Pro Git book content, videos and other material.

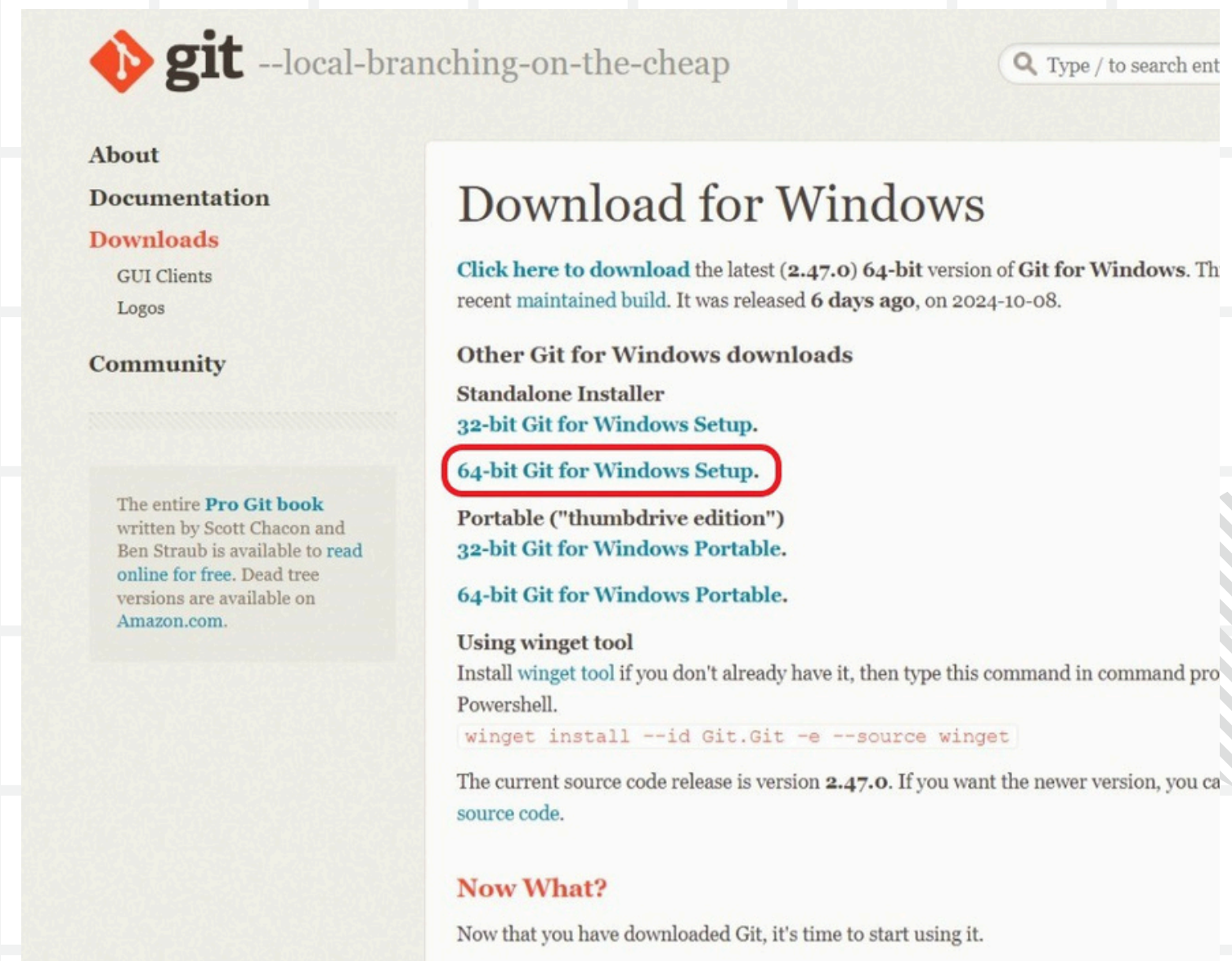
**Downloads**  
GUI clients and binary releases for all major platforms.

**Community**  
Get involved! Bug reporting, mailing list, chat, development and more.

**Pro Git** by Scott Chacon and Ben Straub is available to read online for free. Dead tree versions are available on [Amazon.com](#).

Latest source Release  
**2.47.0**  
Release Notes (2024-10-06)  
**Download for Windows**

Windows GUIs Tarballs  
Mac Build Source Code



The screenshot shows the "Download for Windows" page on the Git website. The page has a navigation menu on the left with "About", "Documentation", "Downloads", and "Community". The "Downloads" section is highlighted. The main content area is titled "Download for Windows" and contains information about the latest version (2.47.0) and other download options. A red box highlights the "64-bit Git for Windows Setup" link. Below this, there are sections for "Other Git for Windows downloads", "Using winget tool", and "Now What?".

git --local-branching-on-the-cheap

Type / to search ent

**About**  
**Documentation**  
**Downloads**  
GUI Clients  
Logos  
**Community**

The entire **Pro Git book** written by Scott Chacon and Ben Straub is available to read **online for free**. Dead tree versions are available on [Amazon.com](#).

## Download for Windows

**Click here to download** the latest (**2.47.0**) **64-bit** version of **Git for Windows**. The recent **maintained build**. It was released **6 days ago**, on 2024-10-08.

**Other Git for Windows downloads**

**Standalone Installer**  
**32-bit Git for Windows Setup.**  
**64-bit Git for Windows Setup.**

**Portable ("thumbdrive edition")**  
**32-bit Git for Windows Portable.**  
**64-bit Git for Windows Portable.**

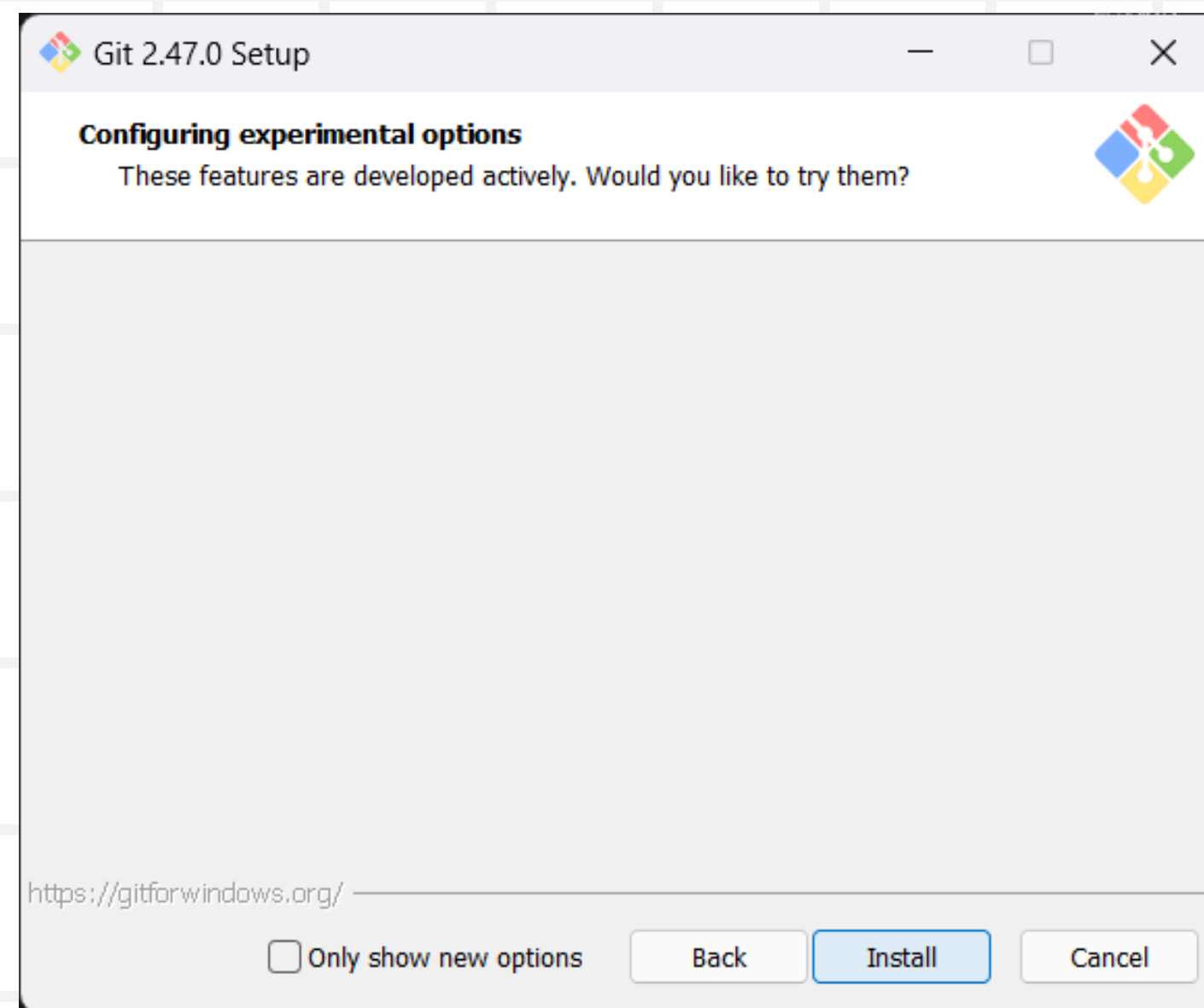
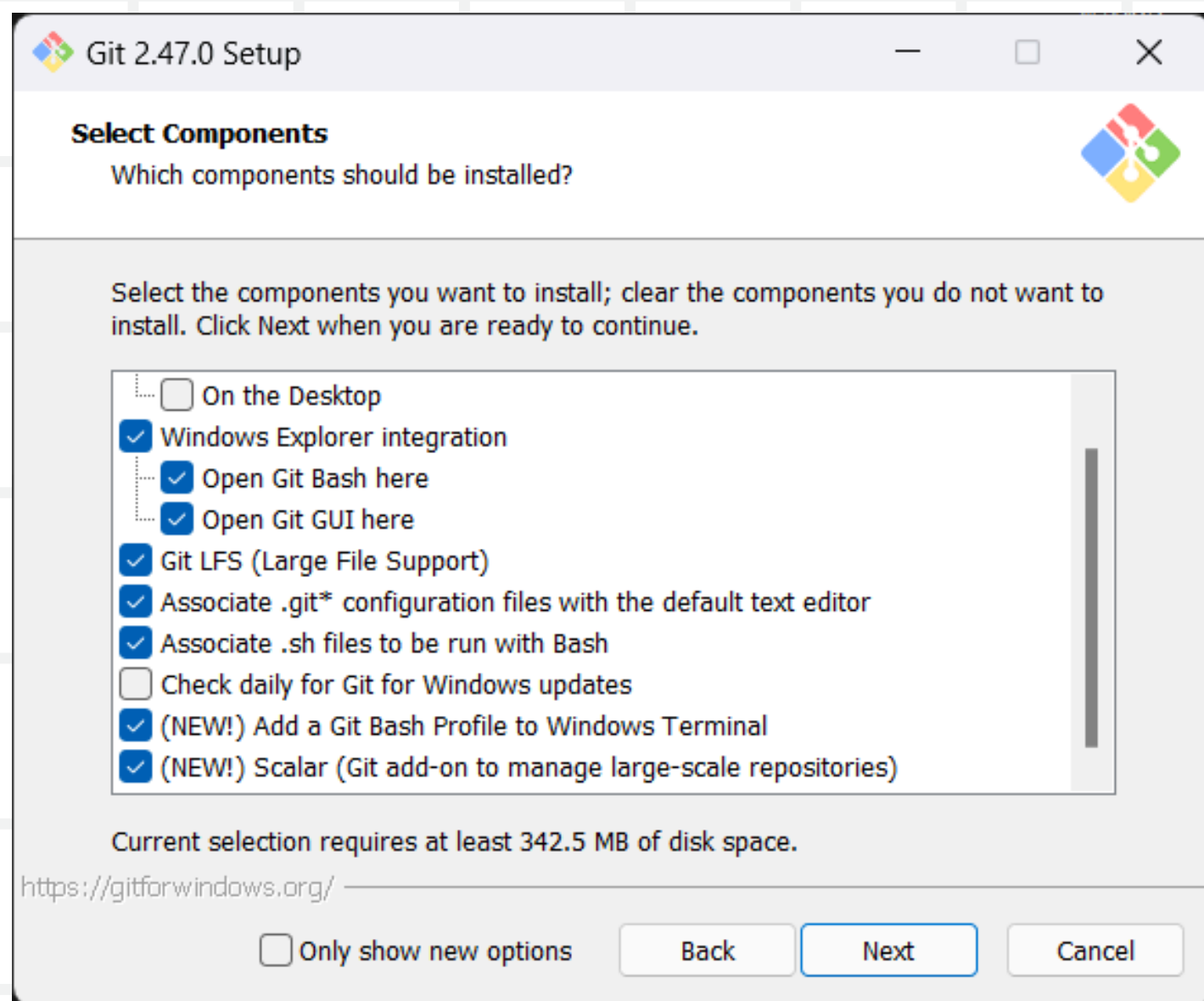
**Using winget tool**  
Install **winget tool** if you don't already have it, then type this command in command pro Powershell.  
`winget install --id Git.Git -e --source winget`

The current source code release is version **2.47.0**. If you want the newer version, you can **source code**.

**Now What?**  
Now that you have downloaded Git, it's time to start using it.

# GIT 安裝說明 - WIN

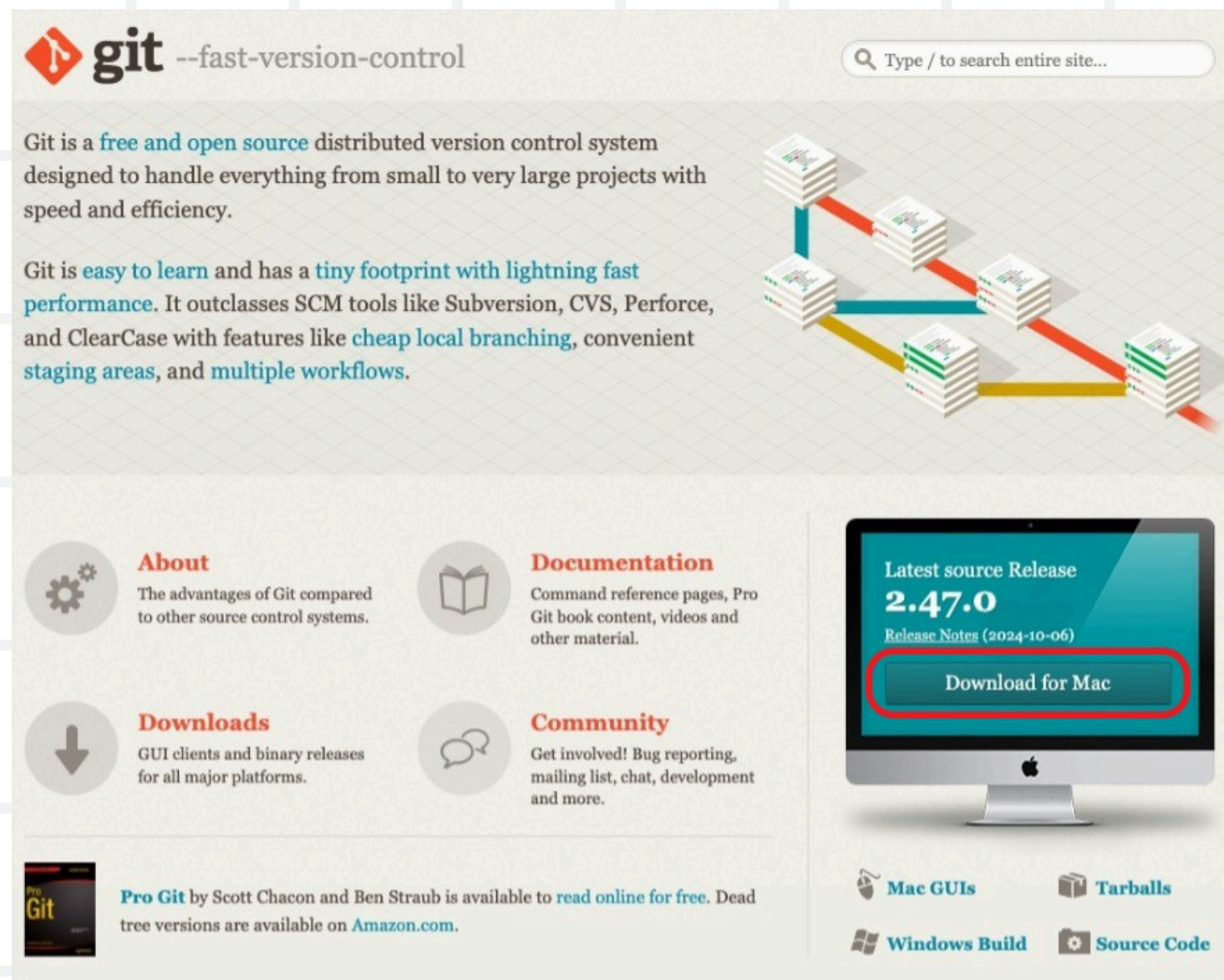
開啟安裝檔，一直按 繼續 就安裝好了



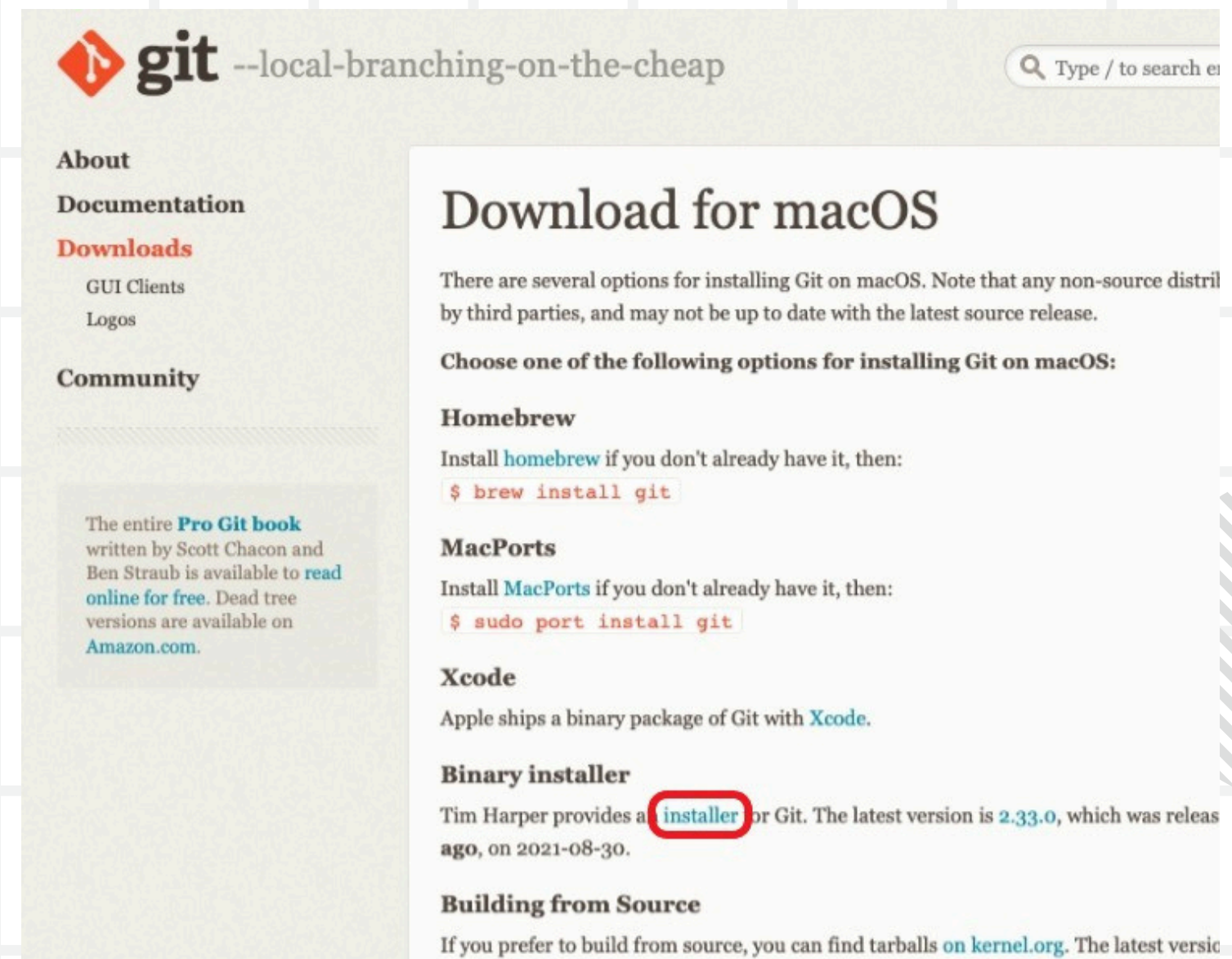


# GIT 安裝說明 - MAC

進入此網站進行下載的動作：<https://git-scm.com/>



The screenshot shows the Git homepage with the tagline "--fast-version-control". It describes Git as a free and open source distributed version control system. A diagram illustrates branching and merging. Navigation links include About, Documentation, Downloads, and Community. A central monitor graphic displays the latest source release as 2.47.0, with a red box highlighting the "Download for Mac" button. At the bottom, it mentions the "Pro Git" book and provides links for Mac GUIs, Tarballs, Windows Build, and Source Code.



The screenshot shows the "Download for macOS" page on the Git website. It lists several installation options: Homebrew, MacPorts, Xcode, Binary installer, and Building from Source. The "Binary installer" section is highlighted with a red box around the word "installer".

**About**  
**Documentation**  
**Downloads**  
GUI Clients  
Logos  
**Community**

## Download for macOS

There are several options for installing Git on macOS. Note that any non-source distribution by third parties, and may not be up to date with the latest source release.

**Choose one of the following options for installing Git on macOS:**

**Homebrew**  
Install [homebrew](#) if you don't already have it, then:  
`$ brew install git`

**MacPorts**  
Install [MacPorts](#) if you don't already have it, then:  
`$ sudo port install git`

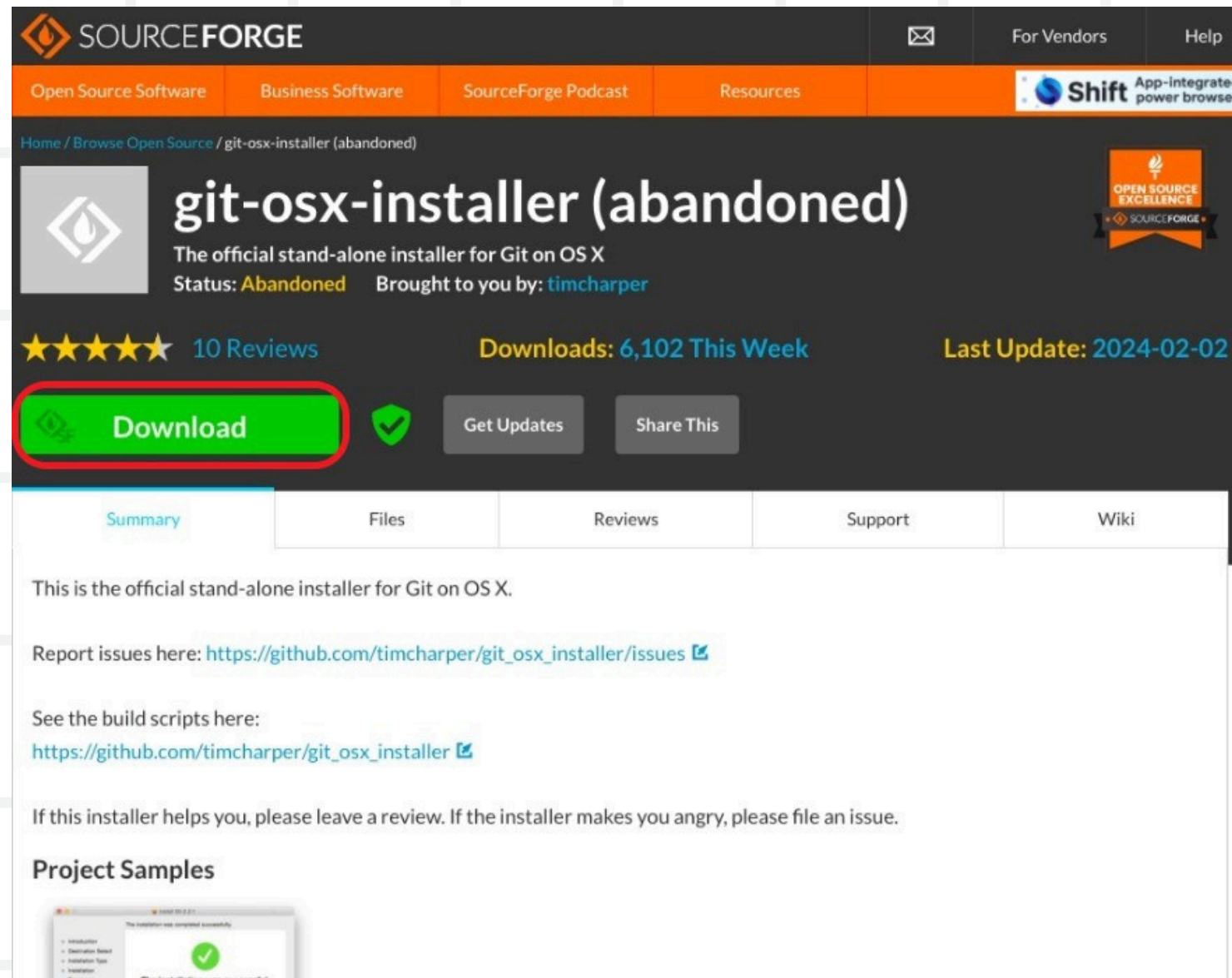
**Xcode**  
Apple ships a binary package of Git with [Xcode](#).

**Binary installer**  
Tim Harper provides a [installer](#) for Git. The latest version is [2.33.0](#), which was released on 2021-08-30.

**Building from Source**  
If you prefer to build from source, you can find tarballs on [kernel.org](#). The latest version is

# GIT 安裝說明 - MAC

開啟檔名為 git 的 pkg 檔案

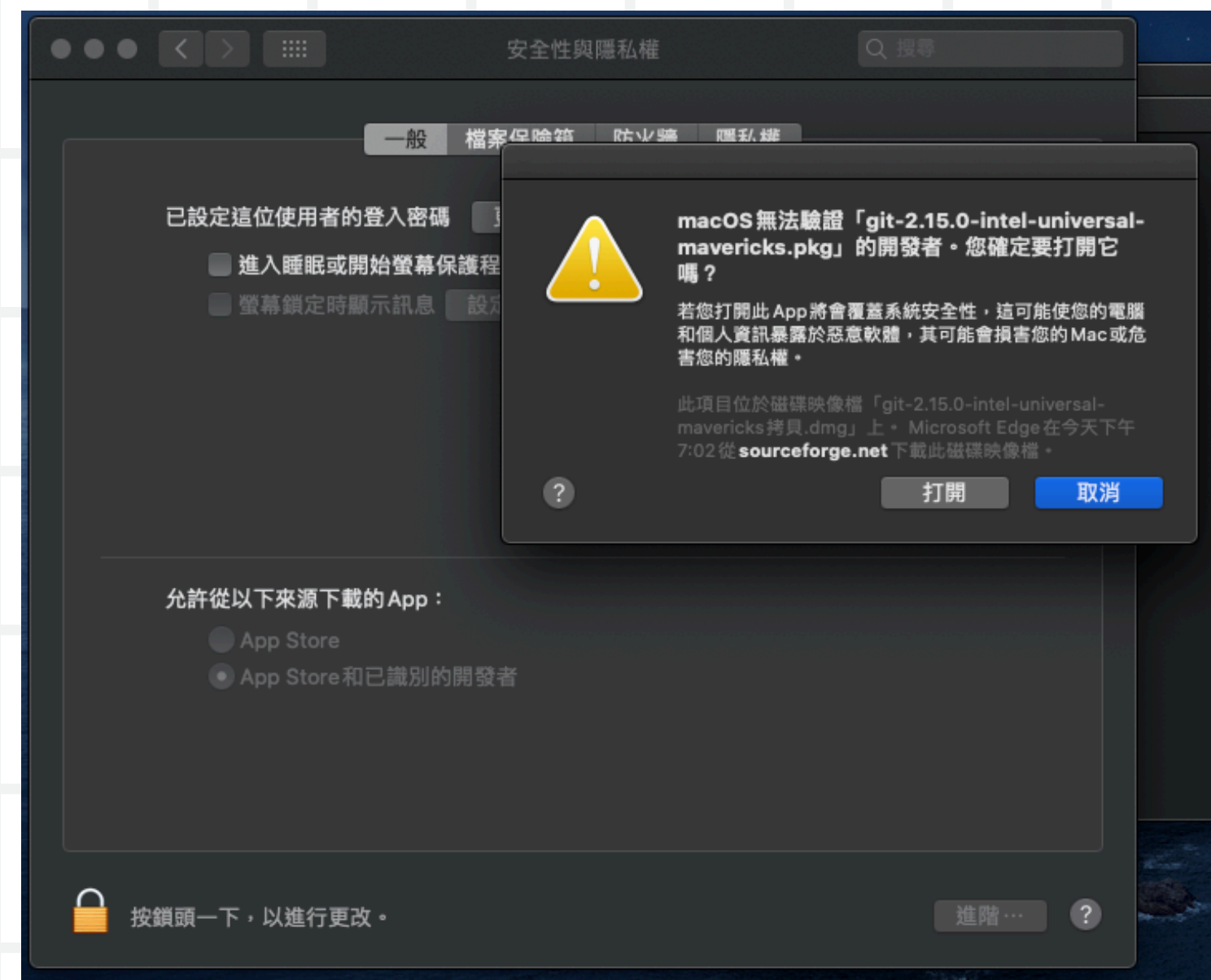
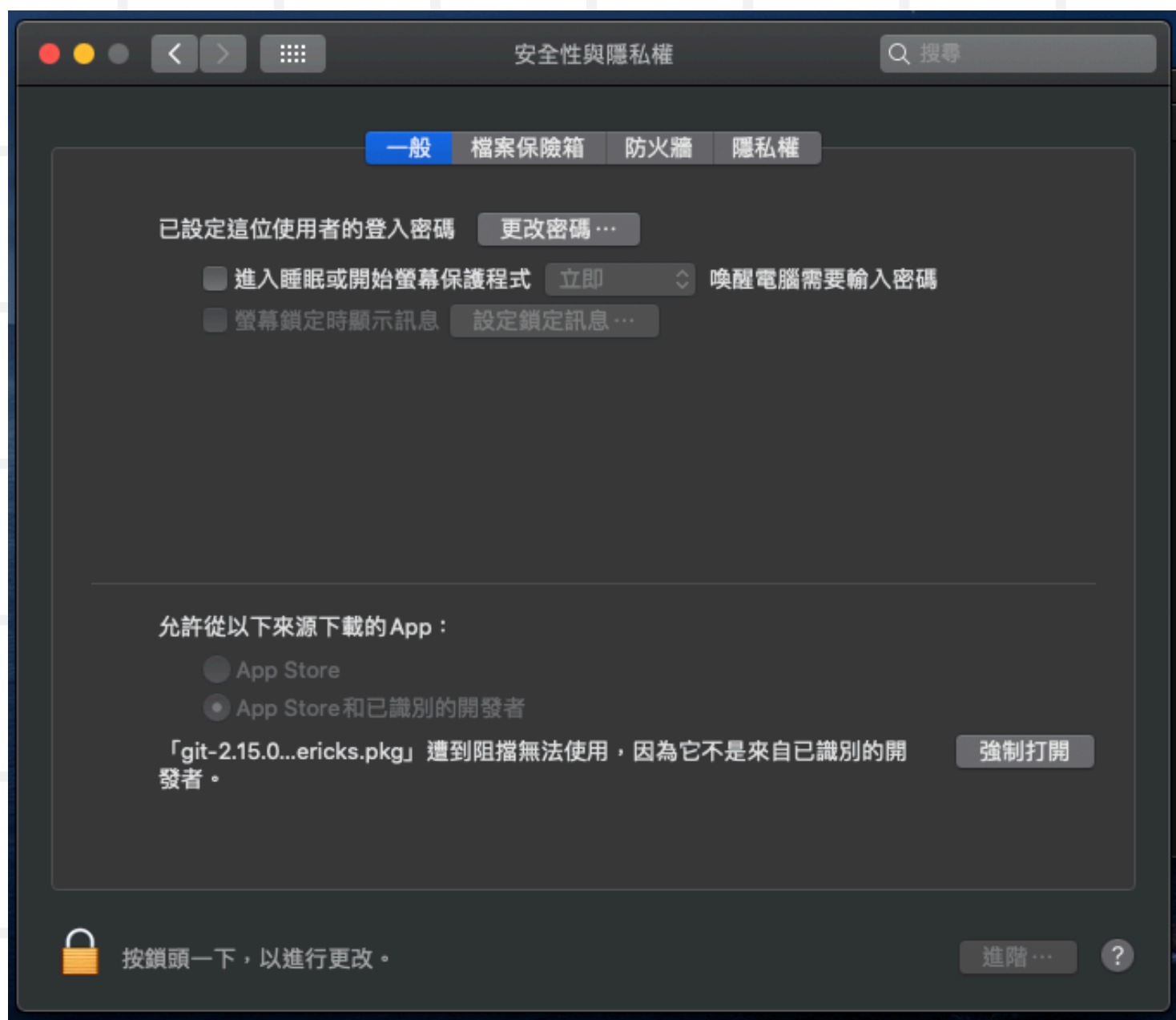




# GIT 安裝說明 - MAC

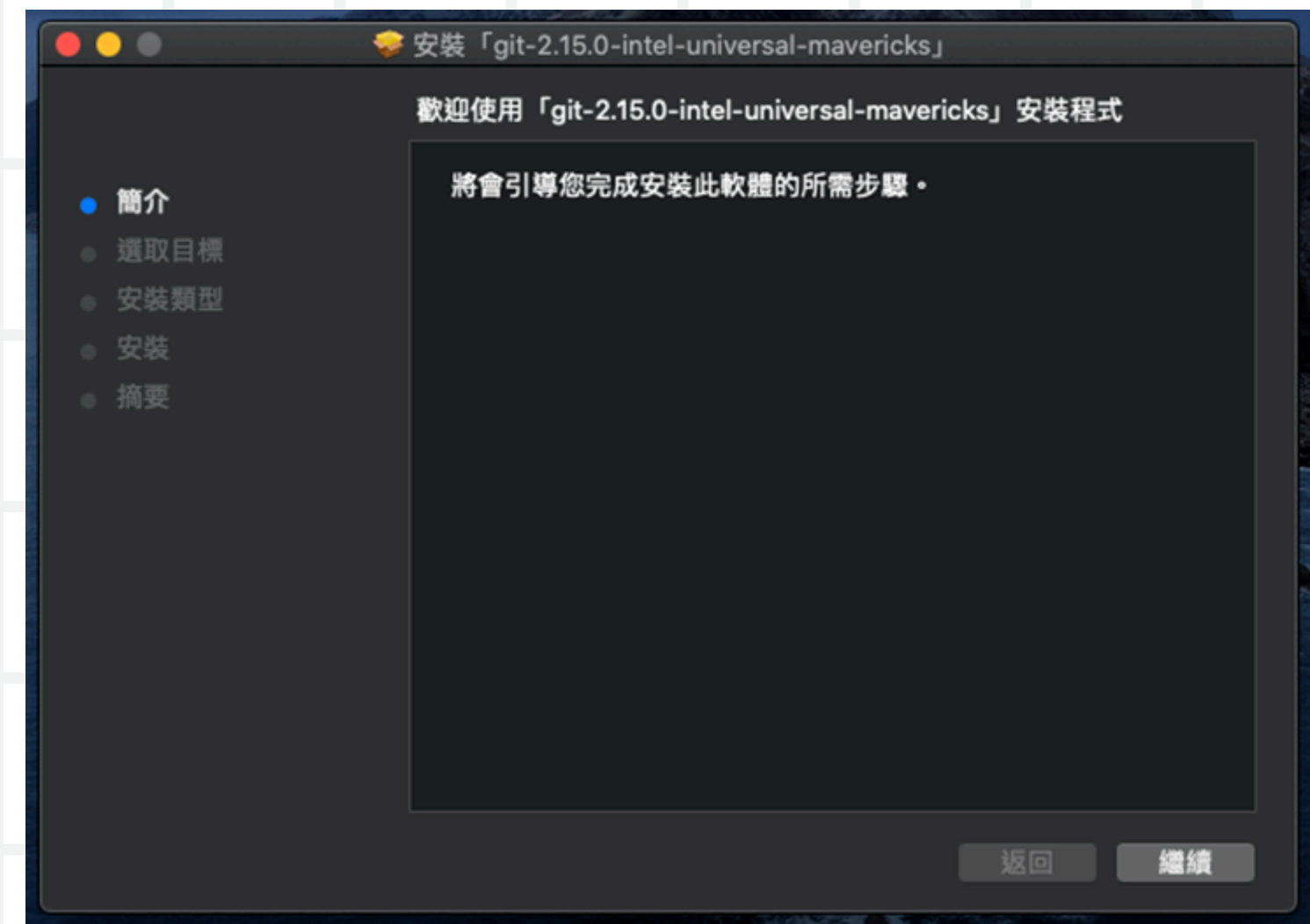
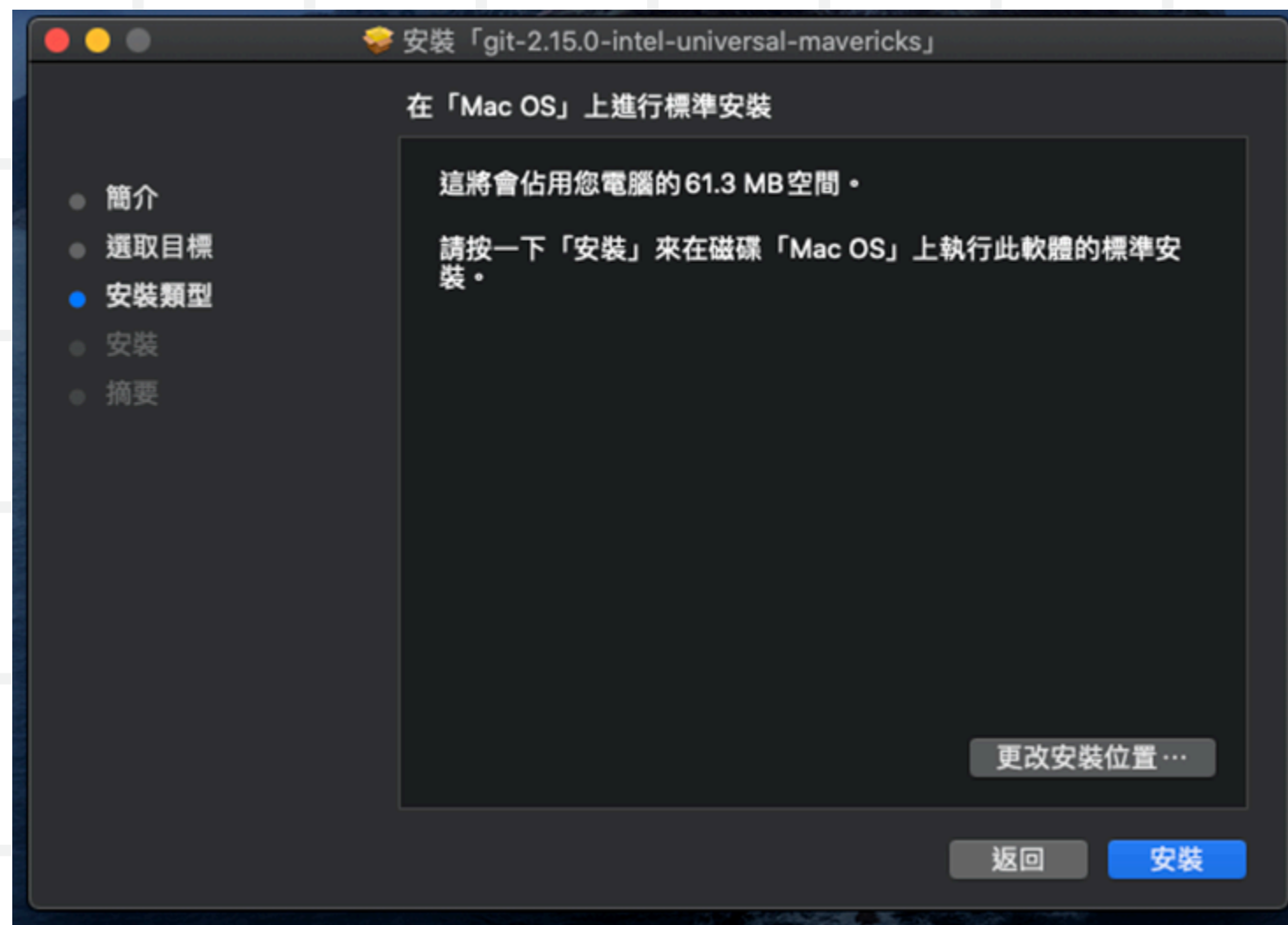
系統偏好設定 > 安全性與隱私權

按「強制打開」> 跳出信息按「打開」



# GIT 安裝說明 - MAC

一直按 繼續 就安裝好了



# 初次設定 GIT

## 設定識別資料

```
$ git config --global user.name "yanami"  
$ git config --global user.email yanami@example.com
```

## 檢查設定

```
$ git config --list
```



# GIT 常見用法

## 建立新的本地端儲存庫

```
$ git init
```

## 變動說明

```
$ git commit "變動說明"
```

## 將資料加入版本控制

```
$ git add [檔案或資料夾名稱]
```

## 推送資料

```
$ git push -u origin main
```

# 連接 GITHUB

## 添加遠端數據庫

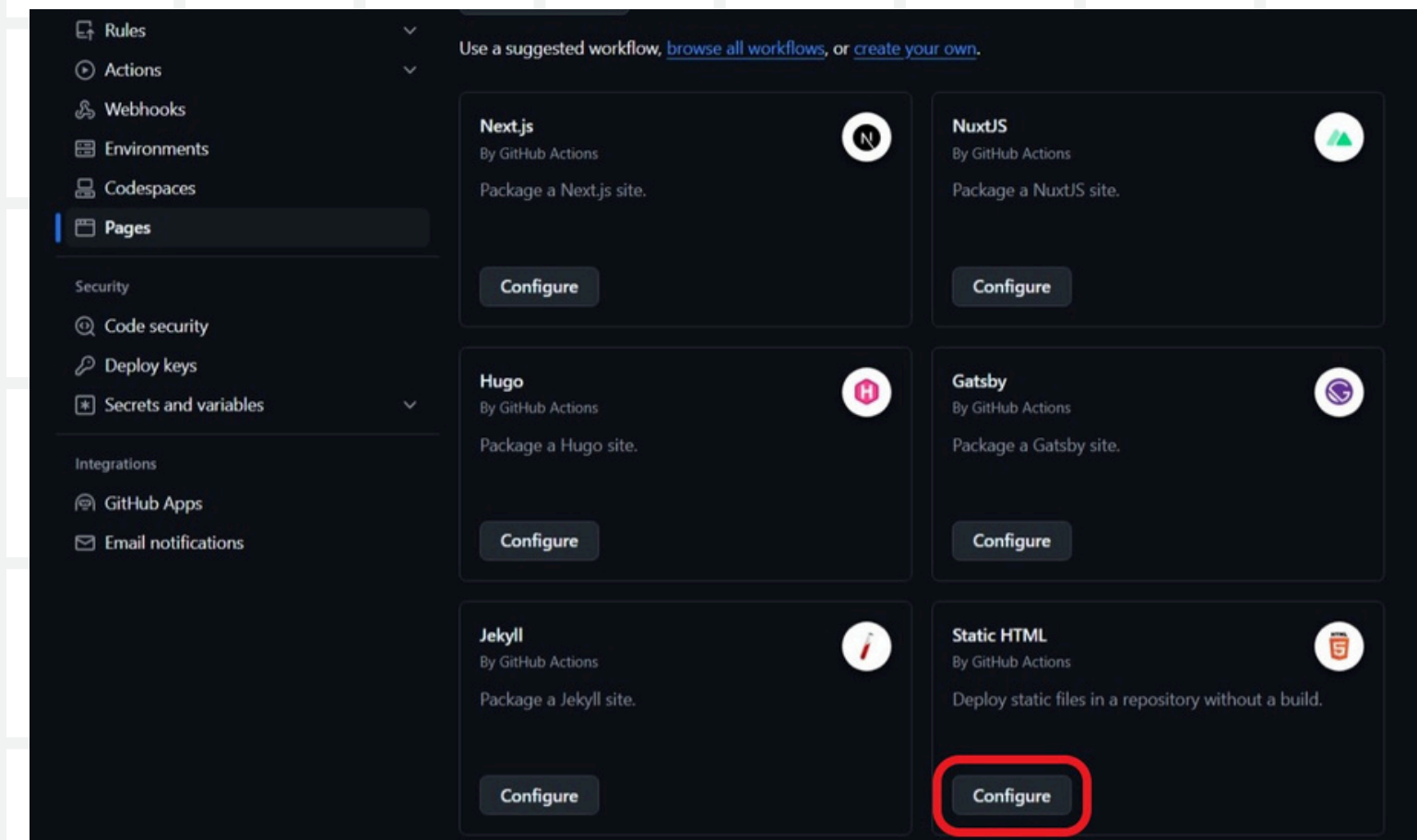
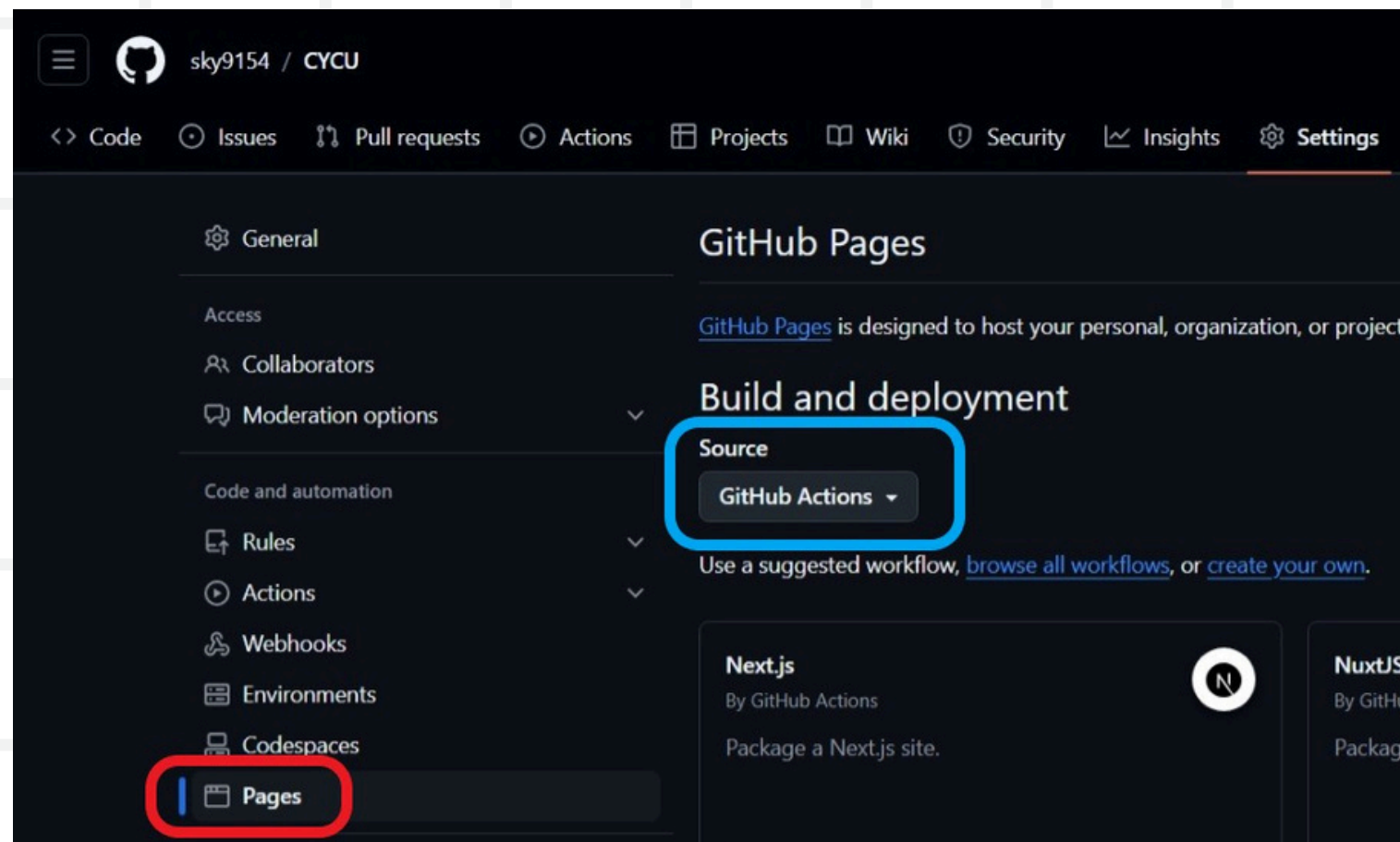
```
$ git remote add origin 遠端數據庫的連結
```

# 部屬靜態網頁



## 將 GitHub Actions 作為來源

## 部署靜態 HTML



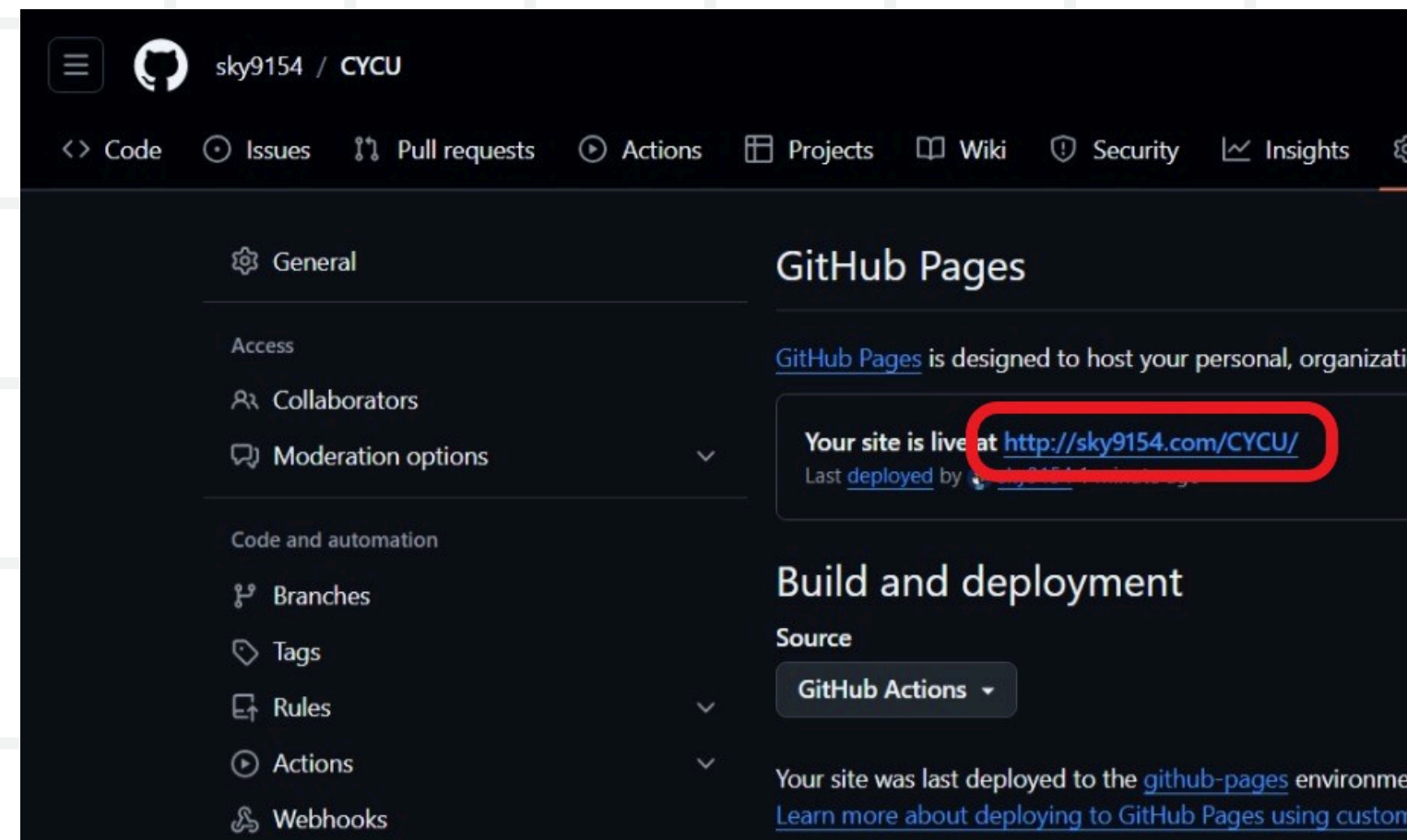
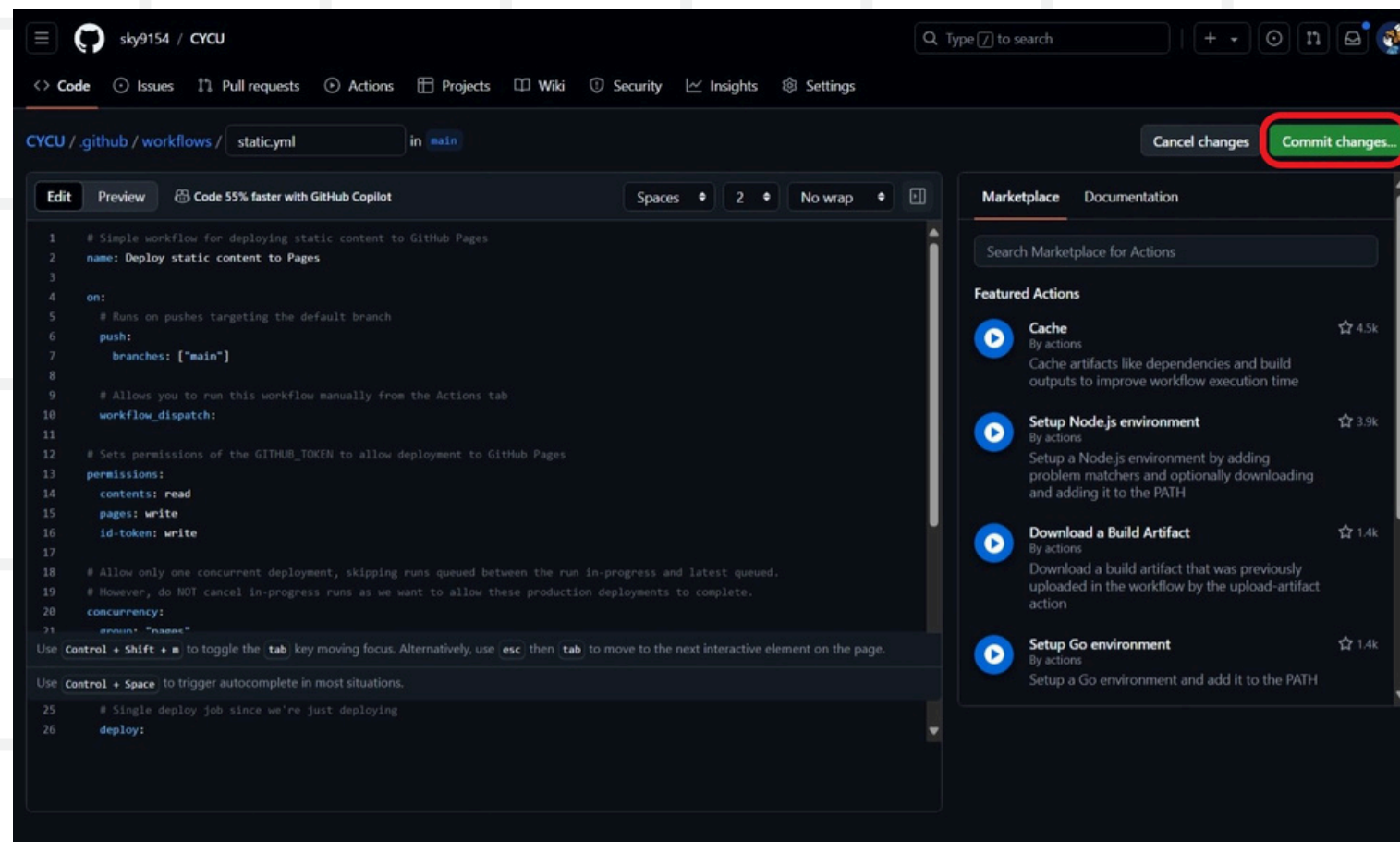


# 部屬靜態網頁



## 編輯並提交 Workflow 檔案

## GitHub Pages 網站成功部署



**THANK YOU**

