

# Git 基礎介紹

了解 Git 版本控制及 Git GUI 介面使用

# 什麼是 Git ?

1.

Git 是一種版本控制系統，就像是備份的功能，儲存每個階段的檔案狀態

2.

改善我們一直新增新的資料夾  
備份資料的缺點



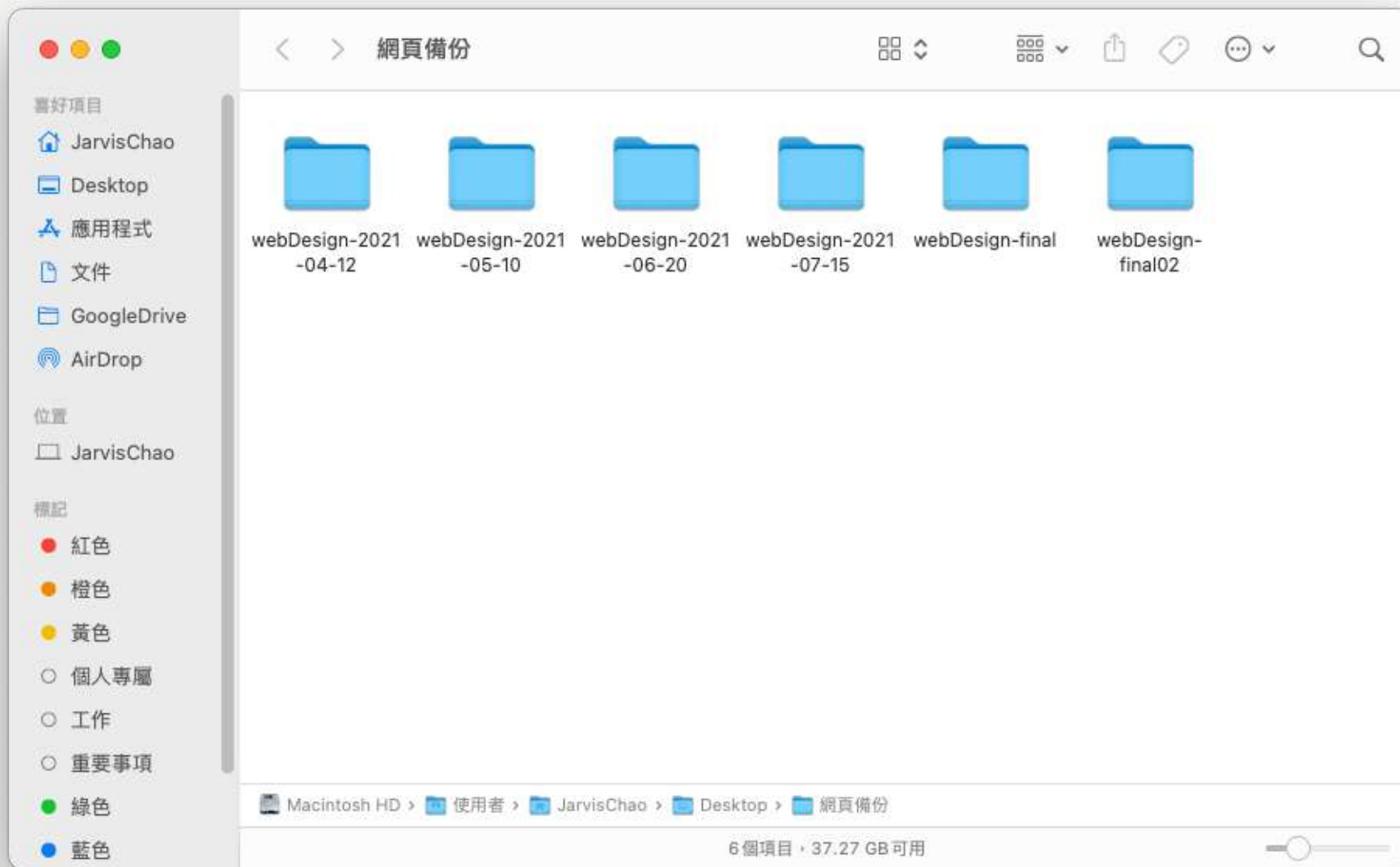
3.

免費、開源、速度快及檔案體積小，只記錄更改過的資料，且可以回到過去

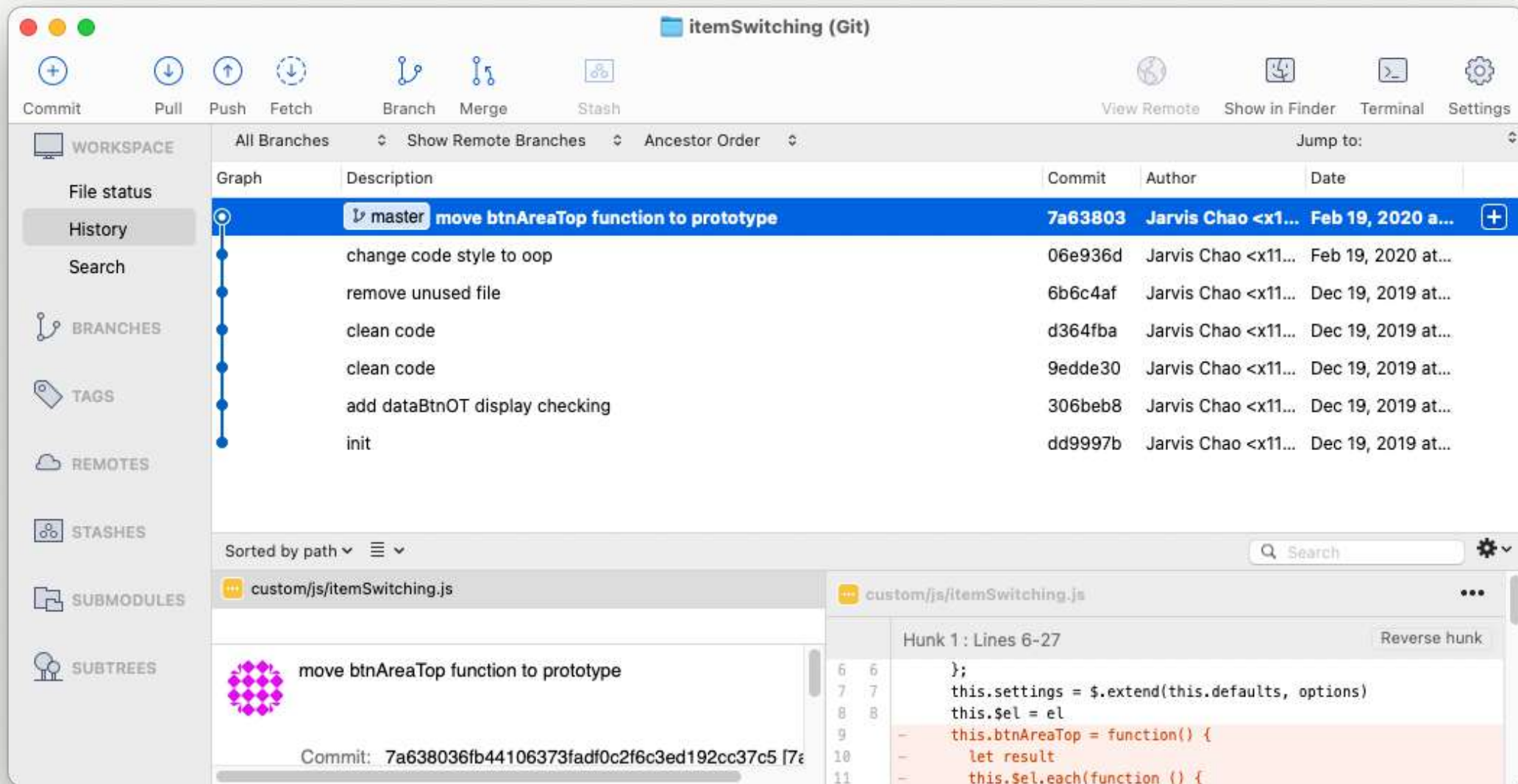
4.

缺點：易學但難專精、指令多且複雜；不過一般使用的指令不太多，懂20%的指令就可以應付80%的工作了

# 為什麼要使用 Git?



# 為什麼要使用 Git?



終端機指令 (Terminal)

建立觀念

VS

圖形介面軟體 (GUI)

方便操作

# Mac 常用終端機指令

`pwd`

查詢目前所在資料夾

`mkdir`

建立資料夾

`cd 位置`

進入指定資料夾

`cd ..`

回上一層

`touch`

建立檔案

`ls`

查看檔案清單

`ls -al`

查看檔案清單詳細內容

`rm`

直接刪除檔案，不進垃圾桶

`rm -r`

直接刪除資料夾，不進垃圾桶

`cp 舊檔名 新檔名`

複製檔案成新檔案

`mv 檔名 新位置`

搬移檔案至新位置

`mv 檔名 新檔名`

重新命名檔案至新檔名

`clear`

清除畫面內容

# Windows 常用終端機指令

`cd`

查詢目前所在資料夾

`mkdir`

建立資料夾

`cd 位置`

進入指定資料夾

`cd ..`

回上一層

`type nul > 檔名`

建立檔案

`dir`

查看檔案清單詳細內容

`dir /w`

查看檔案清單詳細內容

`del`

直接刪除檔案，不進垃圾桶

`rmdir /s`

直接刪除資料夾，不進垃圾桶

`copy 舊檔名 新檔名`

複製檔案成新檔案

`move 檔名 新位置`

搬移檔案至新位置

`move 檔名 新檔名`

重新命名檔案至新檔名

`cls`

清除畫面內容

# Git 基本設置及指令

初始化 Git 及基本指令



# 基本設置

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

檢視目前設定

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

```
$ mkdir 資料夾名
```

建立資料夾

```
$ mkdir git-test
```

```
$ git config --global user.name "設定值"
```

設定 username 及 email

```
$ git config --global user.name "Jarvis"  
$ git config --global user.email "xxx@gmail.com"
```

```
$ cd git-test 資料夾名
```

進入資料夾

```
$ cd git-test
```

# 基本指令

\$ git init

初始化 git 並在指定資料夾建立 .git 檔案

```
$ git init
```

\$ git status

查看 git 工作目錄狀態

```
$ git status
```

\$ git add

將檔案狀態從工作目錄移至暫存區

```
$ git add index.html  
$ git add --all // 新增所有修改過的檔案
```

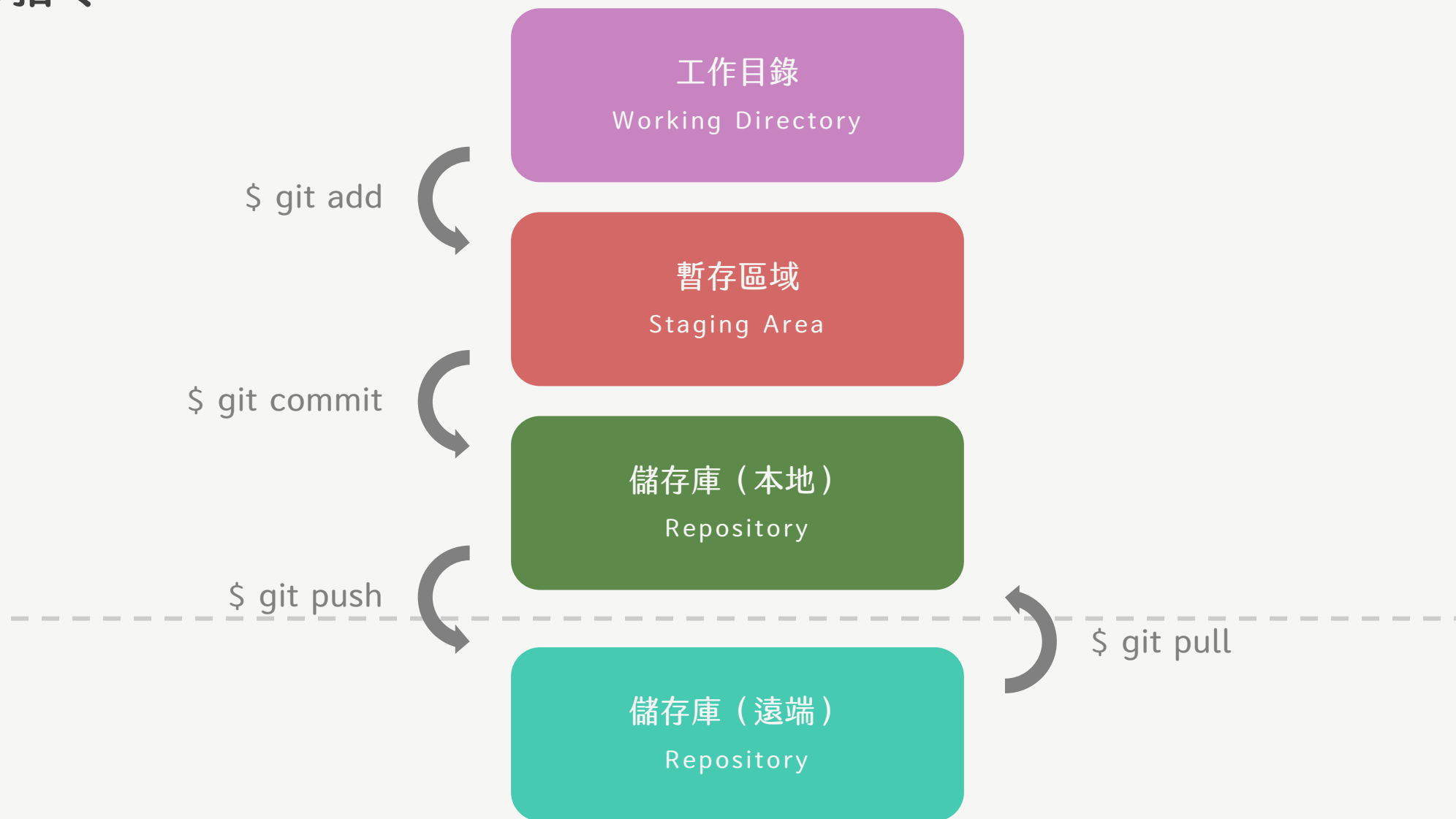
\$ git commit -m "說明文字"

將檔案狀態從暫存區移至本地儲存庫；說明文字需簡單扼要

```
$ git commit -m "first commit"
```

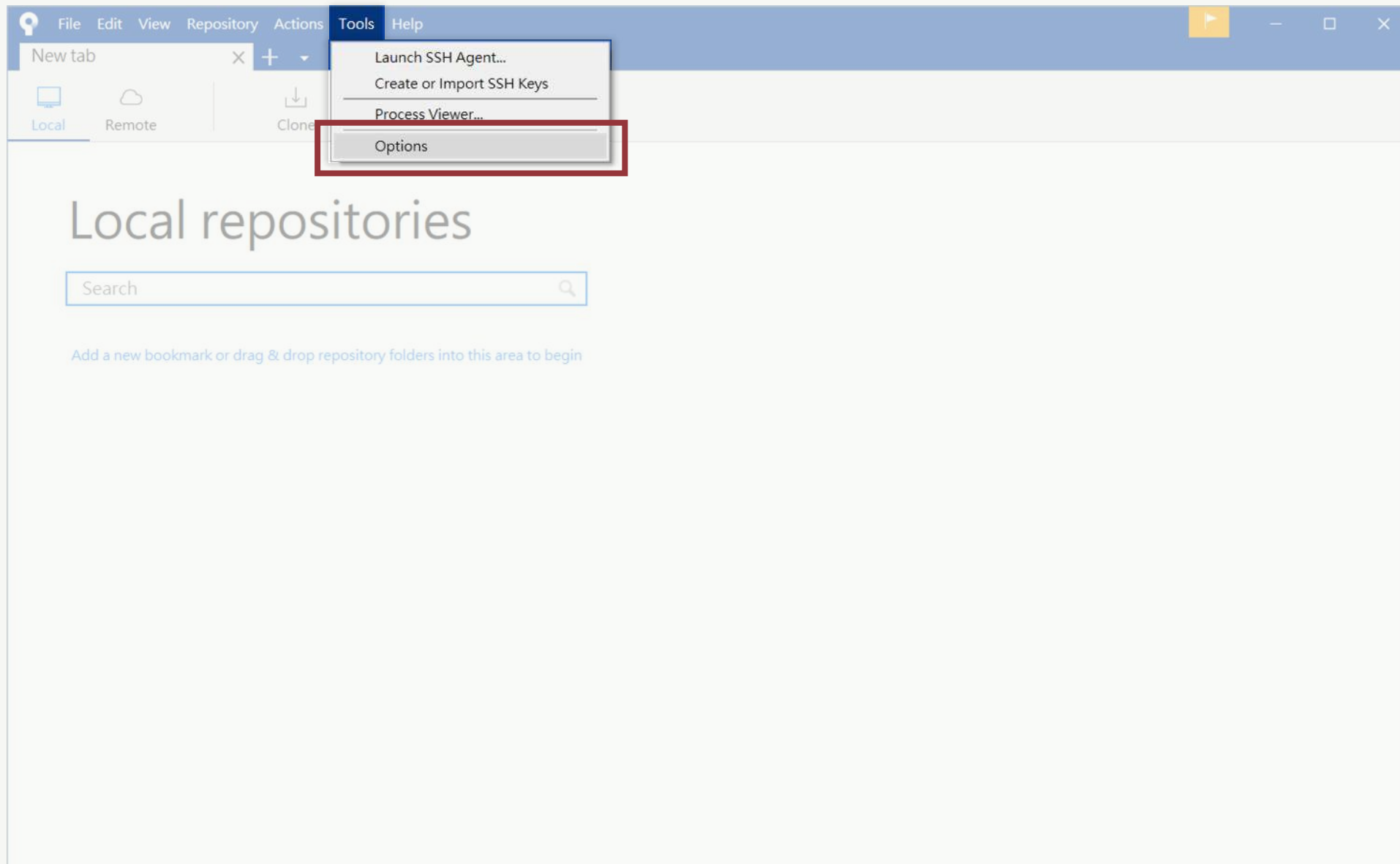
為什麼要兩段式，又是 add 又是 commit？就像是囤貨一樣，先將做好的檔案放置倉庫外，等累積一定數量再一次搬進倉庫

# 基本指令



commit 的說明文字 "bug fixed" 與 "update" 不是好訊息

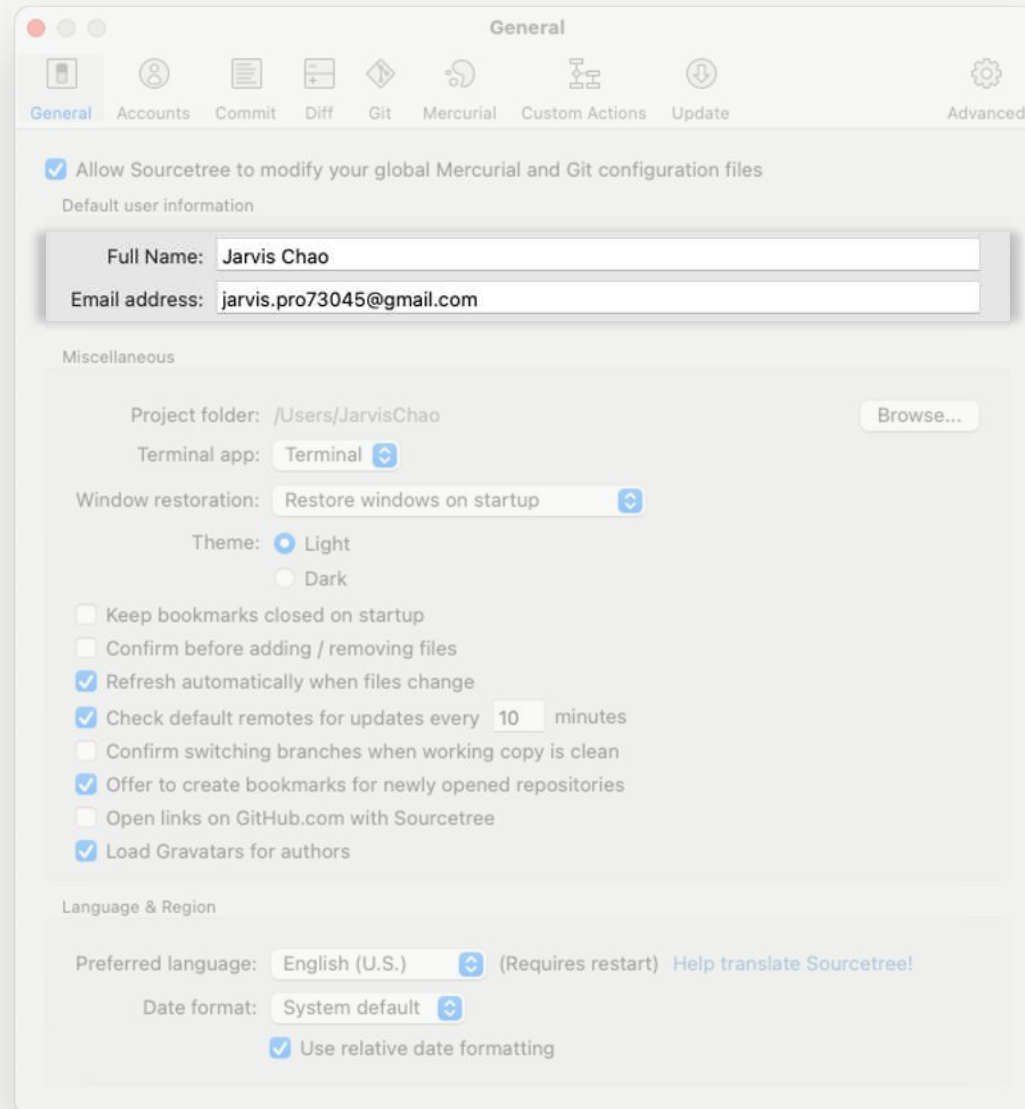
# Sourcetree ( 連結 Github 帳戶 )



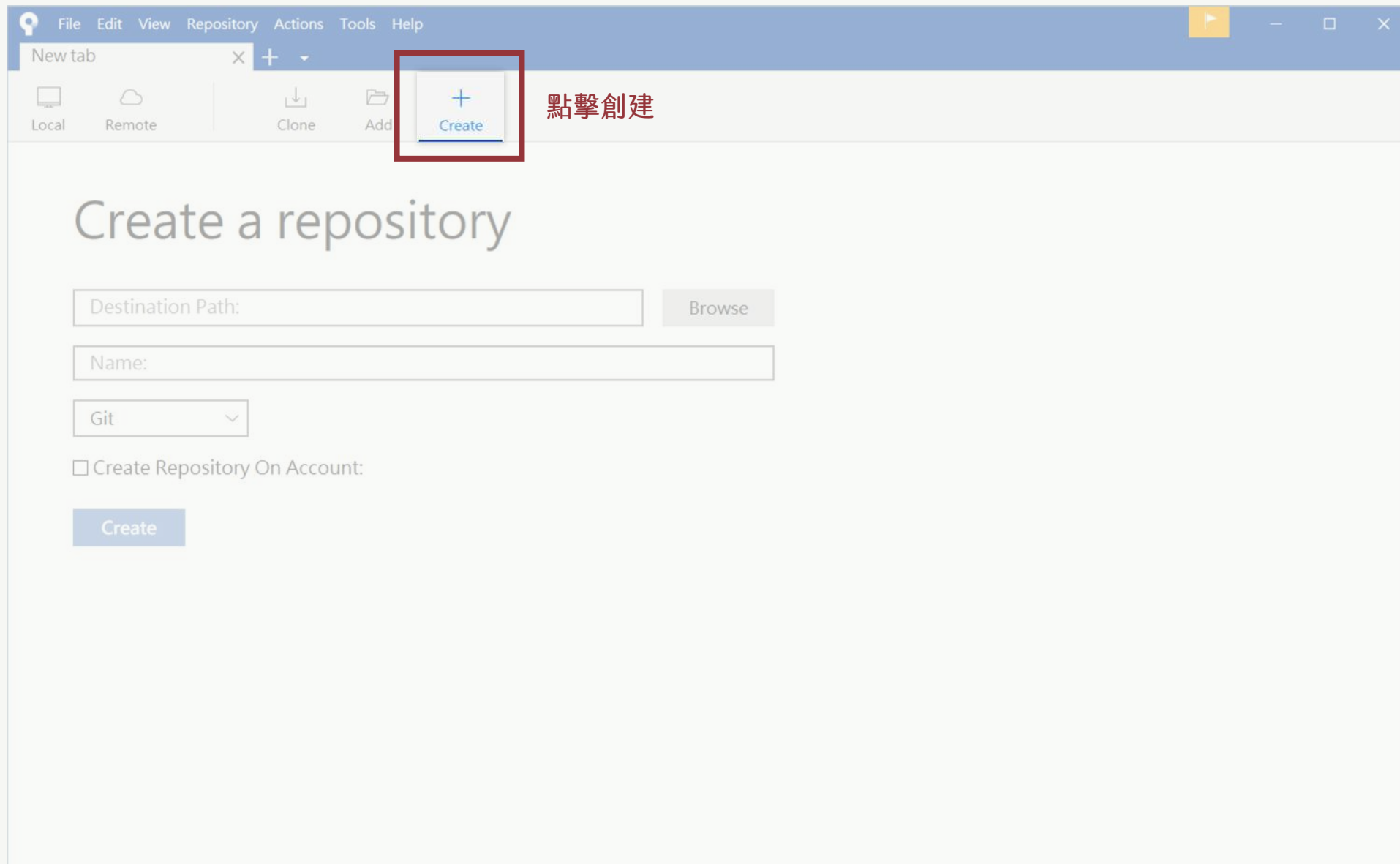
# Sourcetree ( config )

\$ git config --global user.name

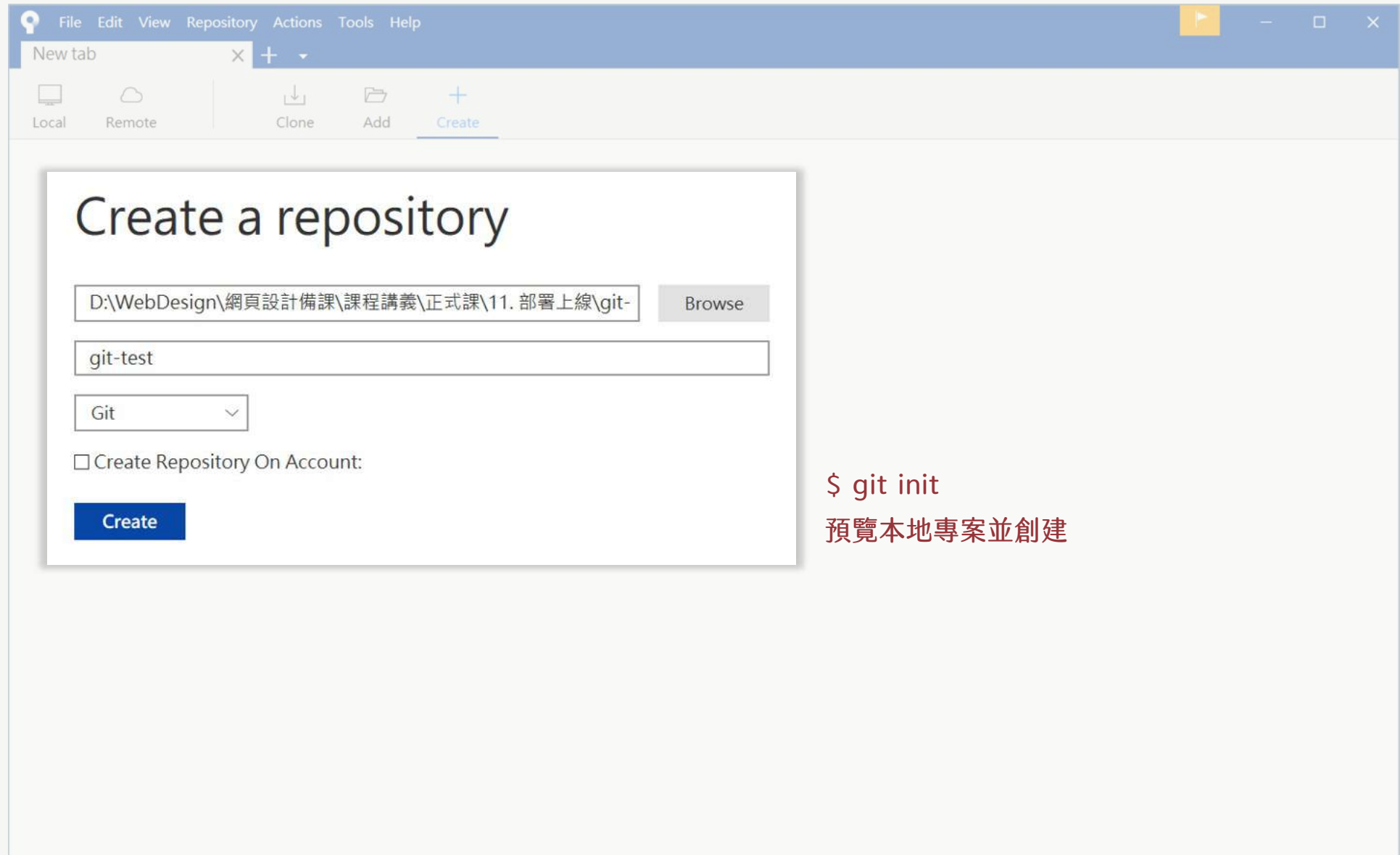
\$ git config --global user.email



# Sourcetree ( 創建專案 )



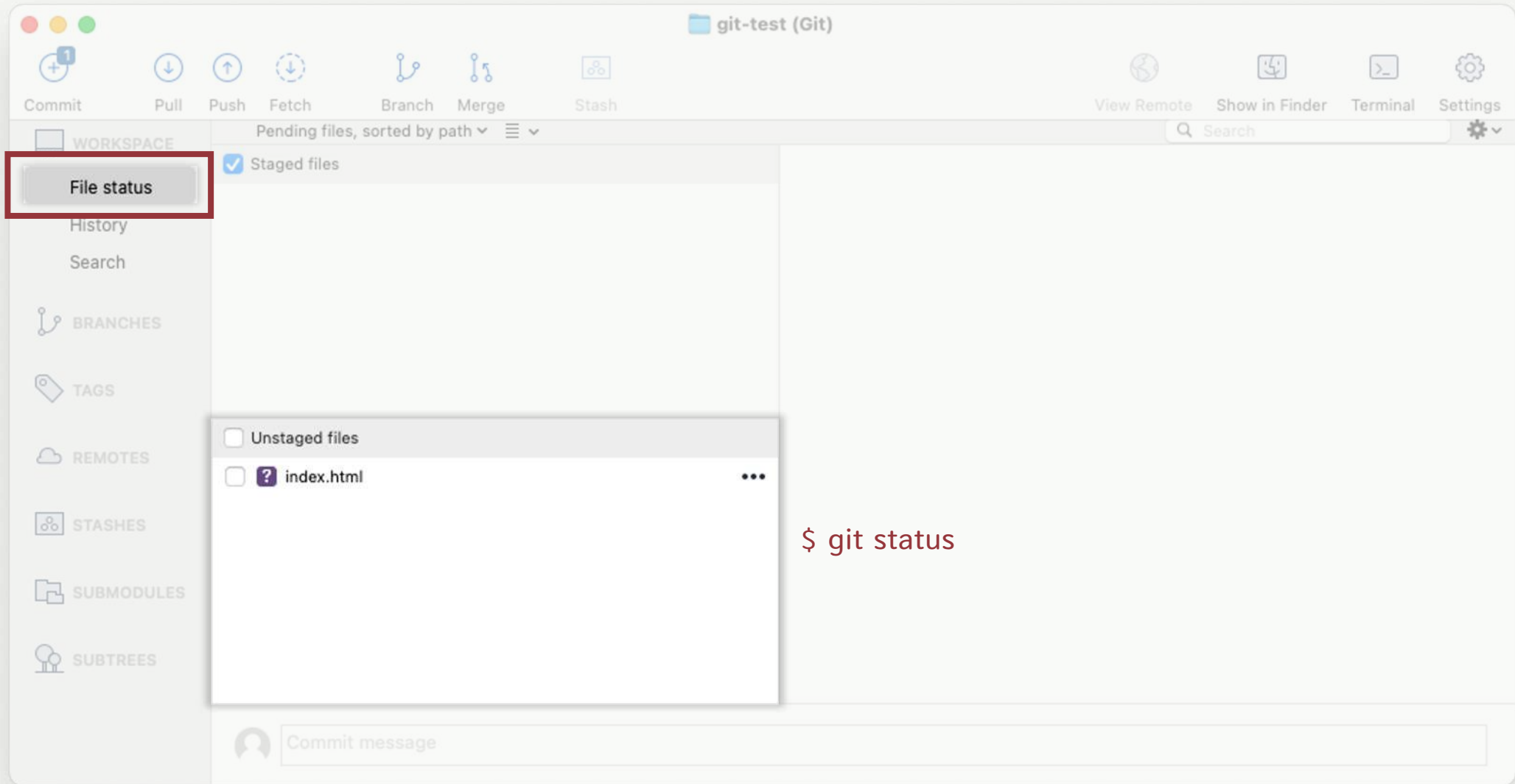
# Sourcetree (新建專案)



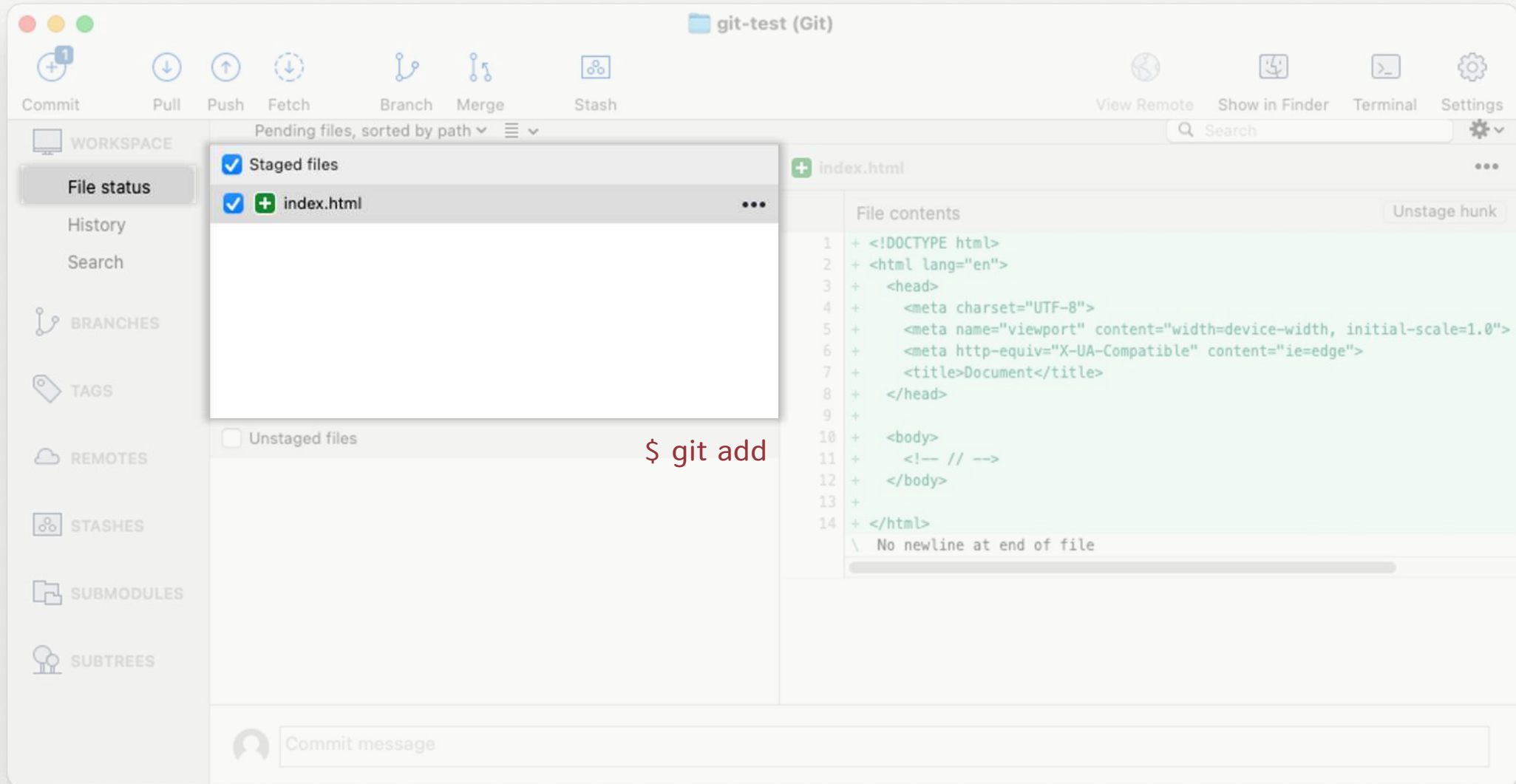
\$ git init  
預覽本地專案並創建



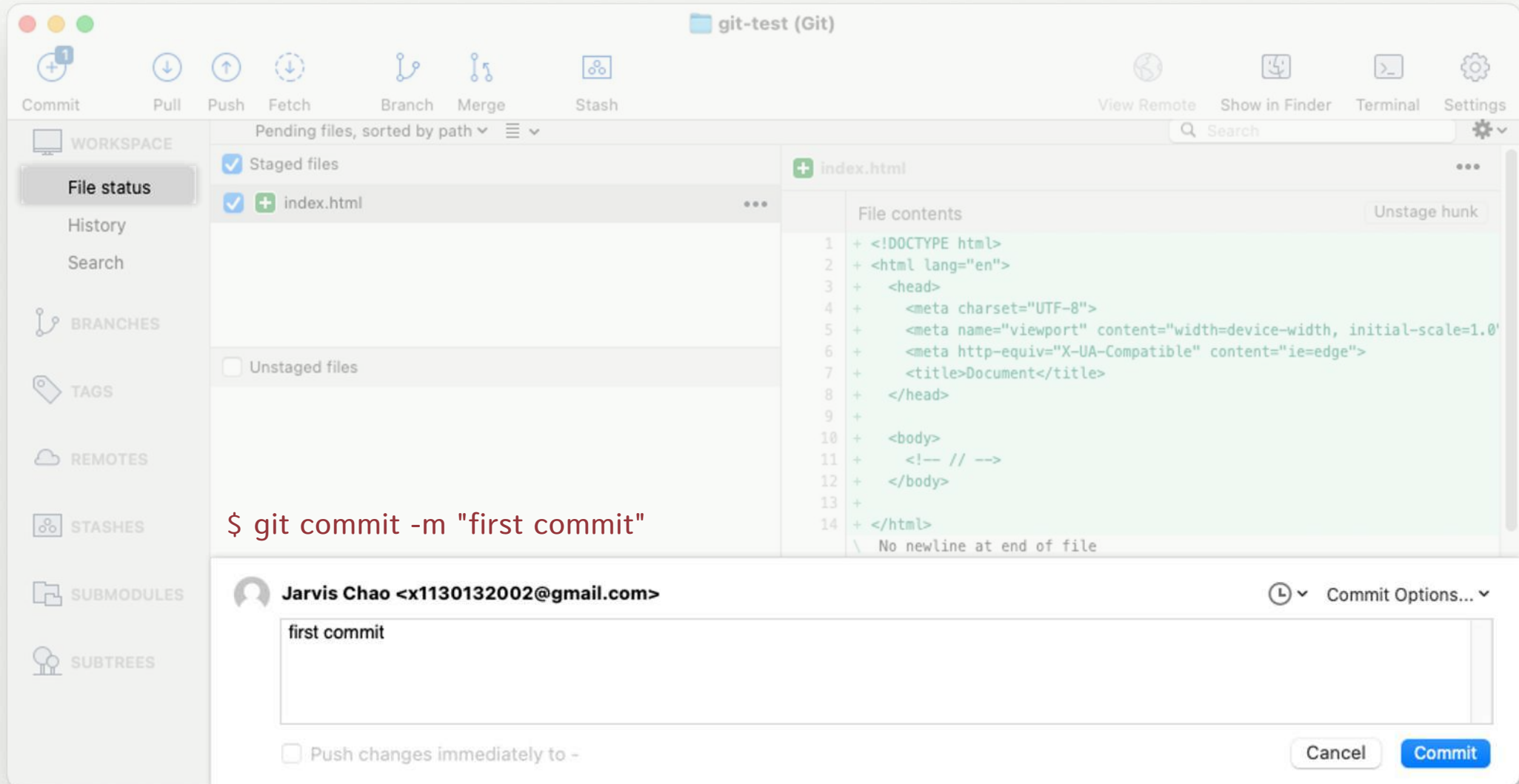
# Sourcetree ( status )



# Sourcetree (add)



# Sourcetree (commit)



# Git 其他常用指令

其他 Git 常用指令

# 常用指令

\$ git log

檢視 git 紀錄

```
$ git log  
$ git log --oneline // 簡潔模式
```

\$ git blame

檢視修改者

```
$ git blame index.html
```

\$ git checkout

還原檔案被刪除檔案

```
$ git checkout index.html  
$ git checkout . // 救回全部被刪除的檔案
```

\$ git stash

將編輯中的資料緩存起來

```
$ git stash  
$ git stash list // 查看 stash 清單  
$ git stash pop // 將資料拿出並刪除  
$ git stash apply // 將資料拿出並保留住
```

# Sourcetree (log)

The screenshot shows the Sourcetree application interface for a repository named "git-test (Git)". The left sidebar contains navigation options: WORKSPACE, File status, History, Search, BRANCHES, TAGS, REMOTES, STASHES, SUBMODULES, and SUBTREES. The main area displays the commit history in a table with columns: Graph, Description, Commit, Author, and Date. The current commit is highlighted in blue.

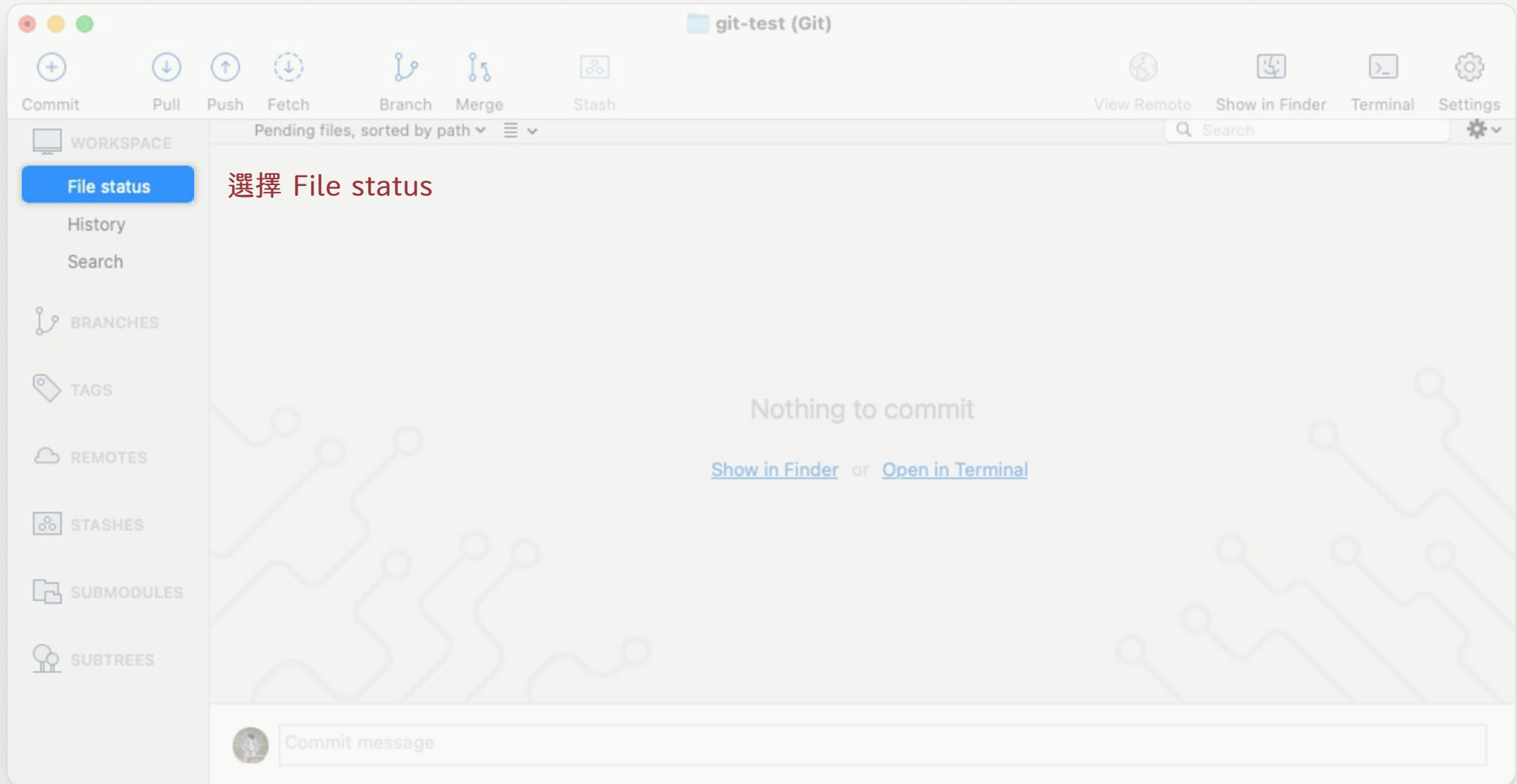
Graph	Description	Commit	Author	Date
	<b>master</b> add about	2482e69	Jarvis Chao <ja...>	Today at 19:13
	first commit	ff8e656	Jarvis Chao <x11...>	Today at 18:55

Below the commit history, the selected commit "add about" is expanded, showing details: Commit: 2482e6949a2978e0671071e1a9301b895690be00 [2482e69], Parents: [ff8e656be1](#), Author: Jarvis Chao <jarvis.pro73045@gmail.com>, Date: April 23, 2021 at 19:13:55 GMT+8, and Labels: HEAD master.

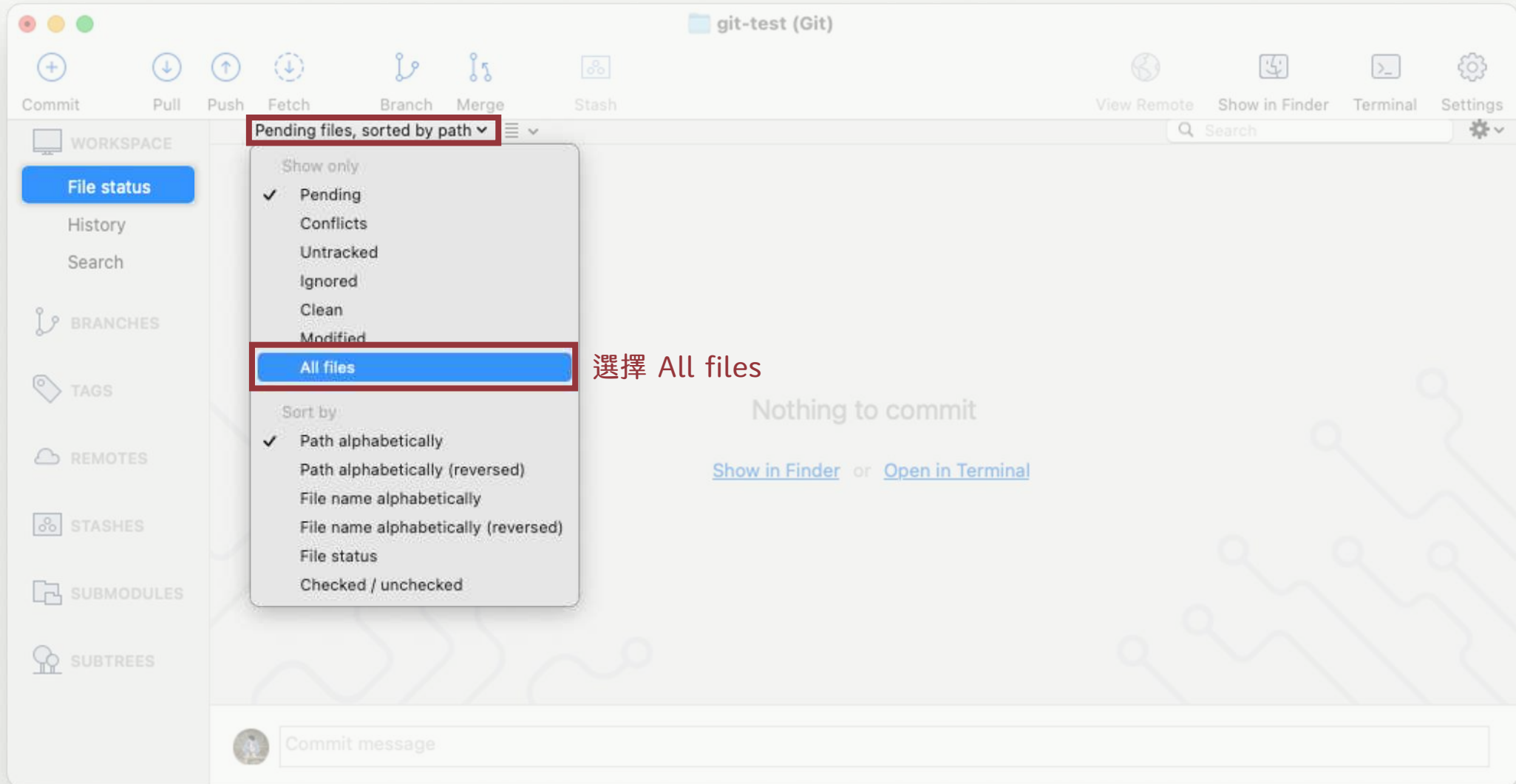
To the right of the commit details, the file content for "about.html" is displayed, showing HTML code with line numbers 1 through 13.

```
1 + <!DOCTYPE html>
2 + <html lang="en">
3 +   <head>
4 +     <meta charset="UTF-8">
5 +     <meta name="viewport" content="width=device-width,
6 +     <meta http-equiv="X-UA-Compatible" content="ie=edge
7 +     <title>Document</title>
8 +   </head>
9 +
10 +   <body>
11 +     <!-- // -->
12 +   </body>
13 +
```

# Sourcetree ( blame )

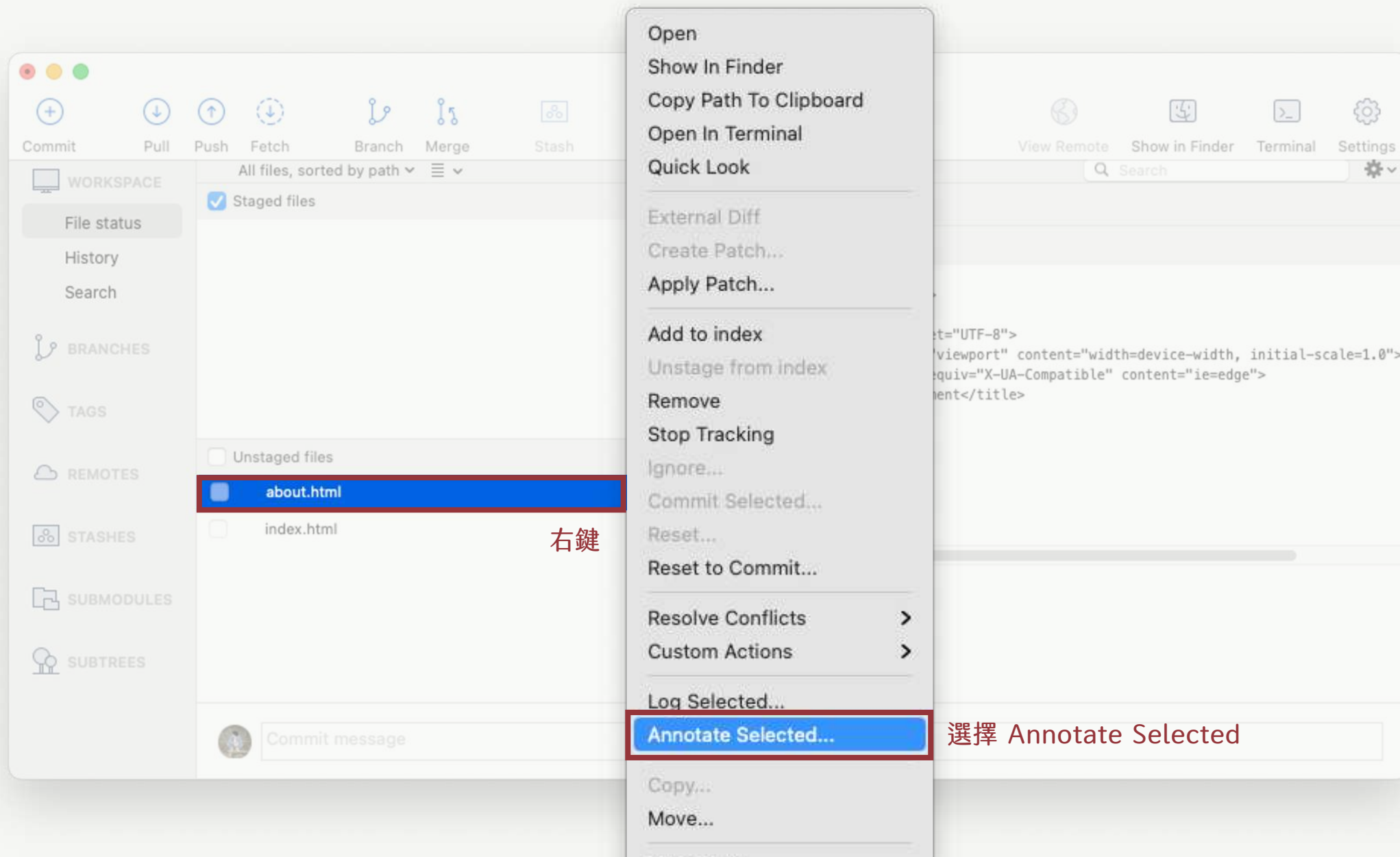


# Sourcetree ( blame )

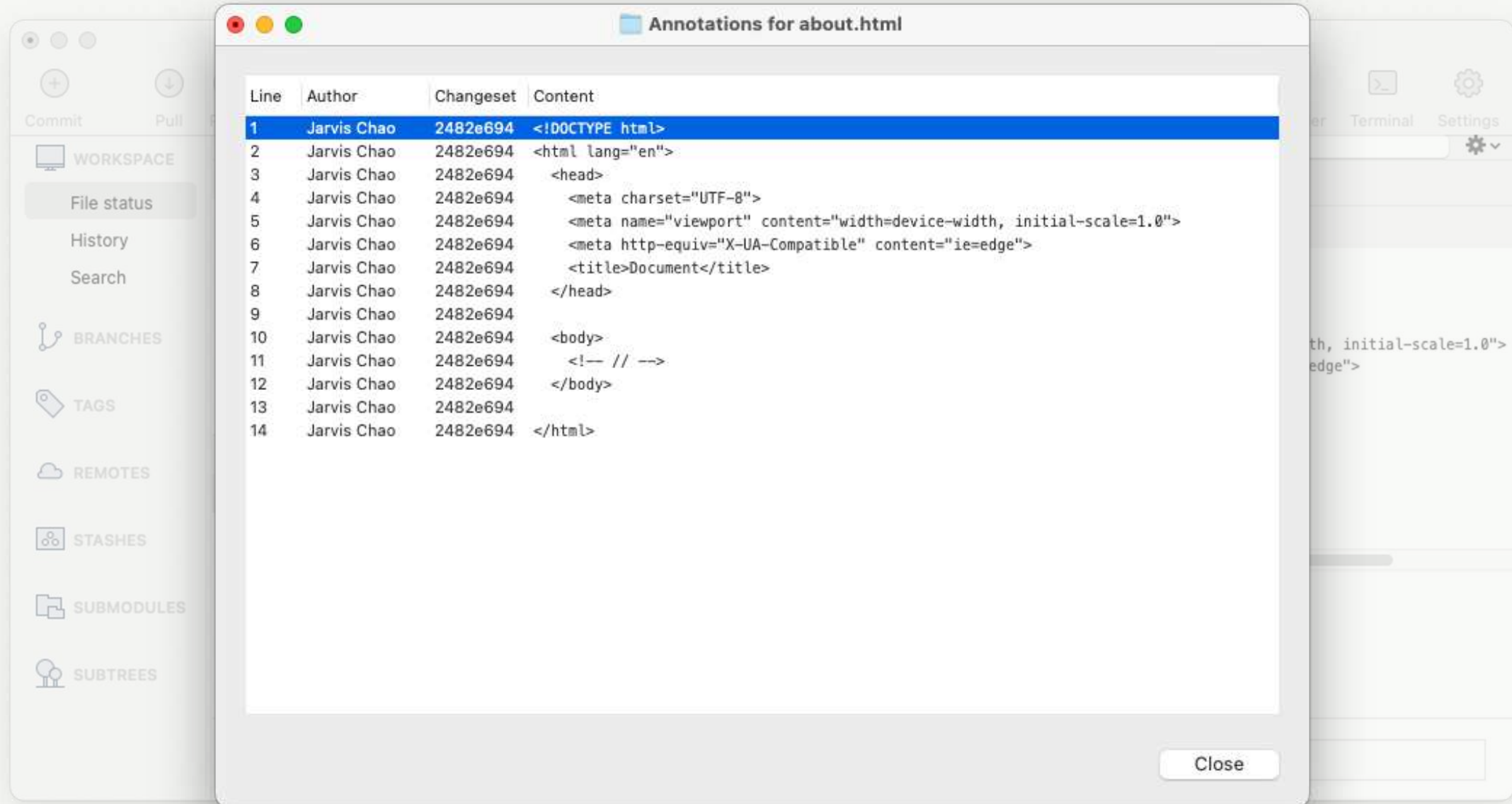




# Sourcetree ( blame )



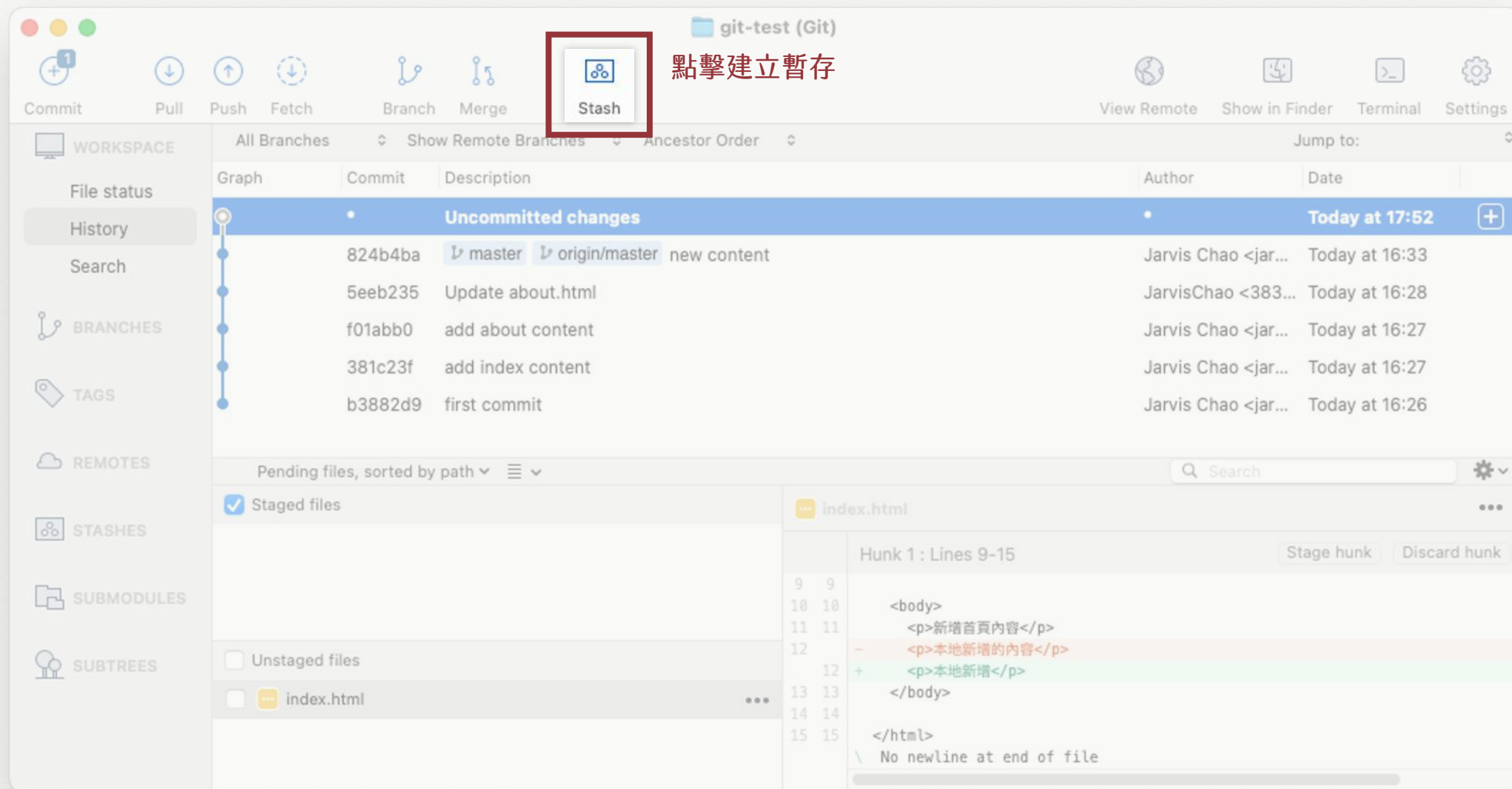
# Sourcetree (blame)



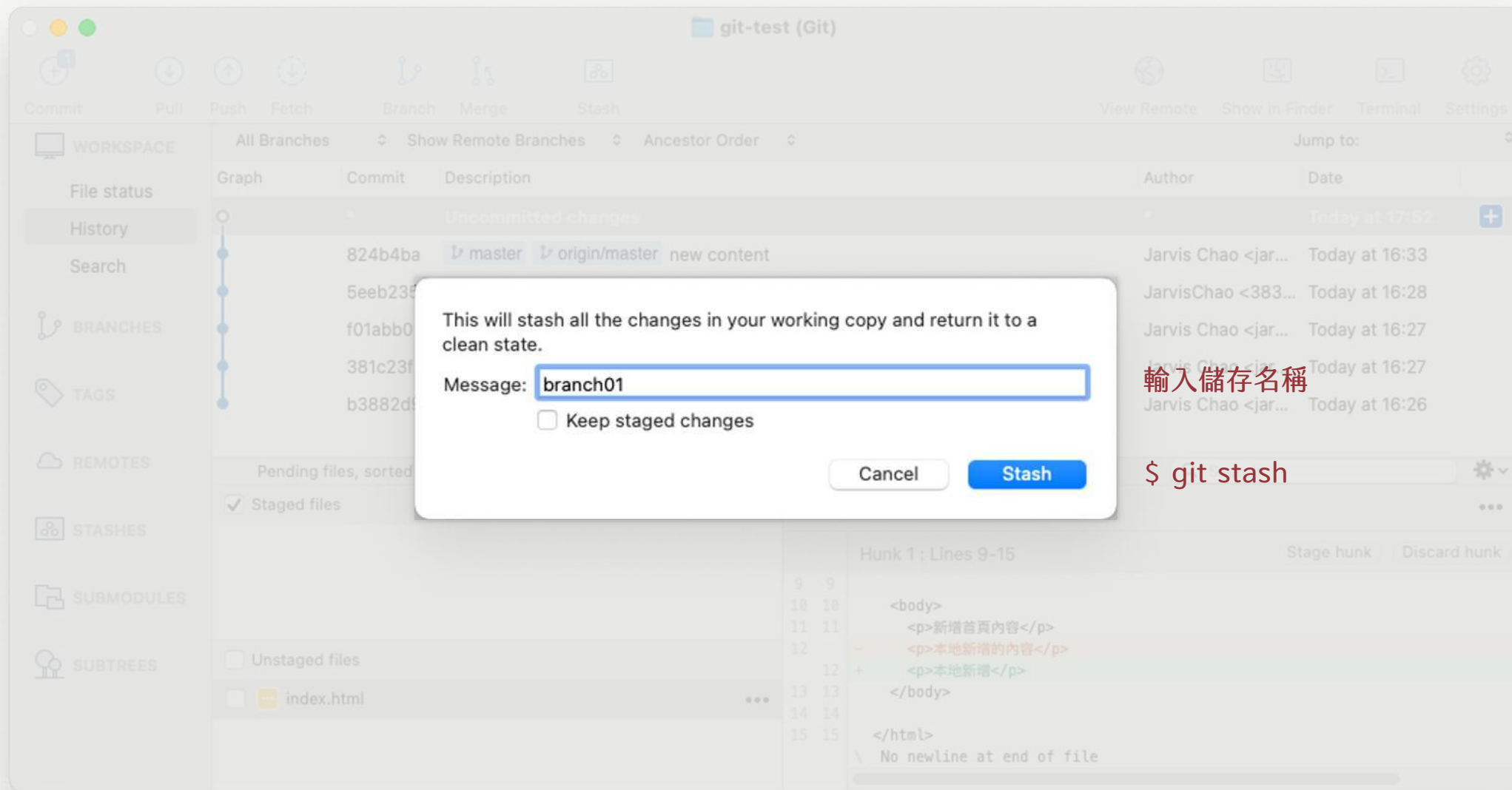
The image shows a screenshot of the Sourcetree application interface. A central window titled "Annotations for about.html" is open, displaying a blame table. The table lists 14 lines of code, all attributed to Jarvis Chao with changeset 2482e694. The code is an HTML document with a DOCTYPE, head section (including meta tags for charset, viewport, and compatibility), a title "Document", and a body section containing a comment. The left sidebar shows the "WORKSPACE" view with options like "File status", "History", and "Search". The right sidebar shows a "Terminal" and "Settings" panel. A "Close" button is visible at the bottom right of the central window.

Line	Author	Changeset	Content
1	Jarvis Chao	2482e694	<!DOCTYPE html>
2	Jarvis Chao	2482e694	<html lang="en">
3	Jarvis Chao	2482e694	<head>
4	Jarvis Chao	2482e694	<meta charset="UTF-8">
5	Jarvis Chao	2482e694	<meta name="viewport" content="width=device-width, initial-scale=1.0">
6	Jarvis Chao	2482e694	<meta http-equiv="X-UA-Compatible" content="ie=edge">
7	Jarvis Chao	2482e694	<title>Document</title>
8	Jarvis Chao	2482e694	</head>
9	Jarvis Chao	2482e694	<body>
10	Jarvis Chao	2482e694	<!-- // -->
11	Jarvis Chao	2482e694	</body>
12	Jarvis Chao	2482e694	</html>
13	Jarvis Chao	2482e694	
14	Jarvis Chao	2482e694	

# Sourcetree ( stash )



# Sourcetree ( stash )



# Sourcetree (stash)

The screenshot shows the Sourcetree application window for a repository named "git-test (Git)". The interface includes a top toolbar with icons for Commit, Pull, Push, Fetch, Branch, Merge, and Stash. A sidebar on the left contains navigation options: WORKSPACE, File status, History (selected), Search, BRANCHES, TAGS, REMOTES, STASHES (highlighted with a red box and a red arrow), SUBMODULES, and SUBTREES.

The main panel displays a commit history table with columns: Graph, Commit, Description, Author, and Date. The table lists several commits, with the top commit (824b4ba) labeled "new content" and "origin/master".

Below the commit history, the "STASHES" section is visible, showing a single stash entry labeled "new content" with a circular icon. A red box highlights the "STASHES" section header, and a red arrow points to the "new content" entry.

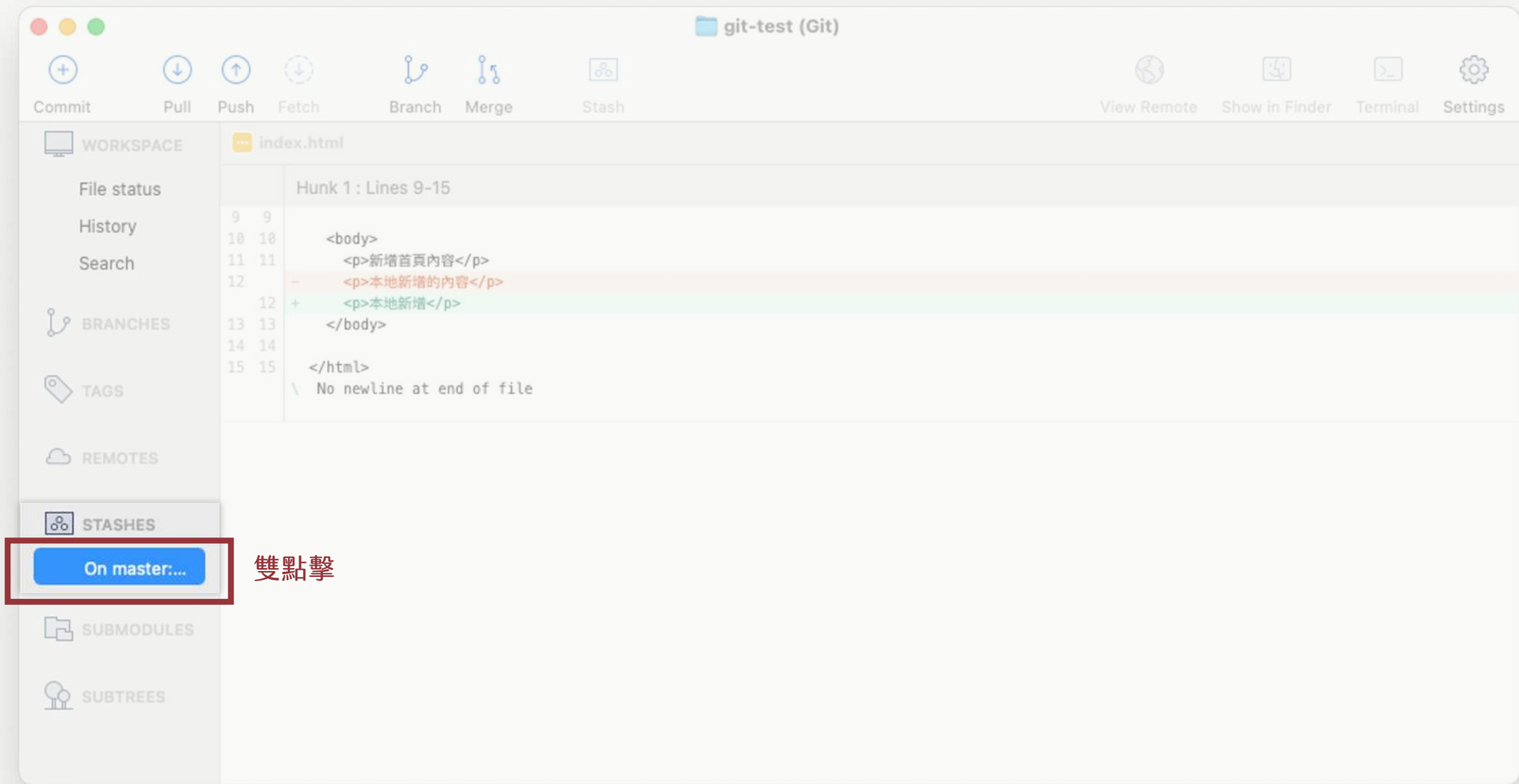
On the right side, a diff view for "index.html" is shown, displaying "Hunk 1 : Lines 9-15". The diff content includes HTML code with a new line added (indicated by a green background and a "+" sign):

```
9 9
10 10 <body>
11 11 <p>新增首頁內容</p>
12 12 + <p>本地新增的內容</p>
12 13 </body>
13 14
14 15 </html>
\ No newline at end of file
```

Red text annotations are present: "完成 Stash 暫存" and "( 無 Uncommitted changes 字眼 )" are placed over the commit history table. "還原點擊" is placed next to the red arrow pointing to the stash entry.

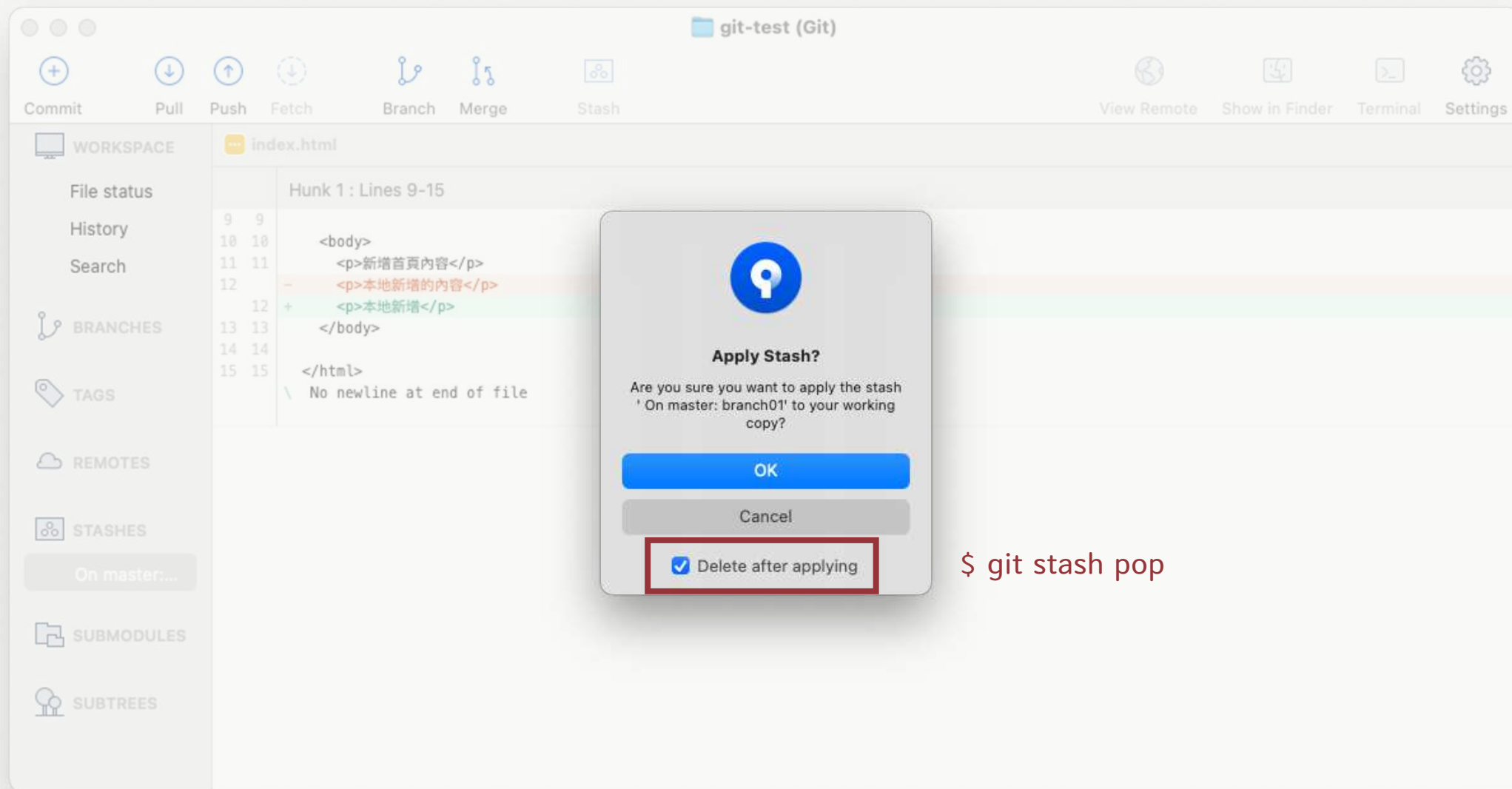
Graph	Commit	Description	Author	Date
●	824b4ba	new content	Jarvis Chao <ja...>	Today at 16:33
●	5eeb235	Update about.html	JarvisChao <383...>	Today at 16:28
●	f01abb0	add about content	Jarvis Chao <jar...>	Today at 16:27
●	381c23f	add index content	Jarvis Chao <jar...>	Today at 16:27
●	b3882d9	first commit	Jarvis Chao <jar...>	Today at 16:26

# Sourcetree ( stash )



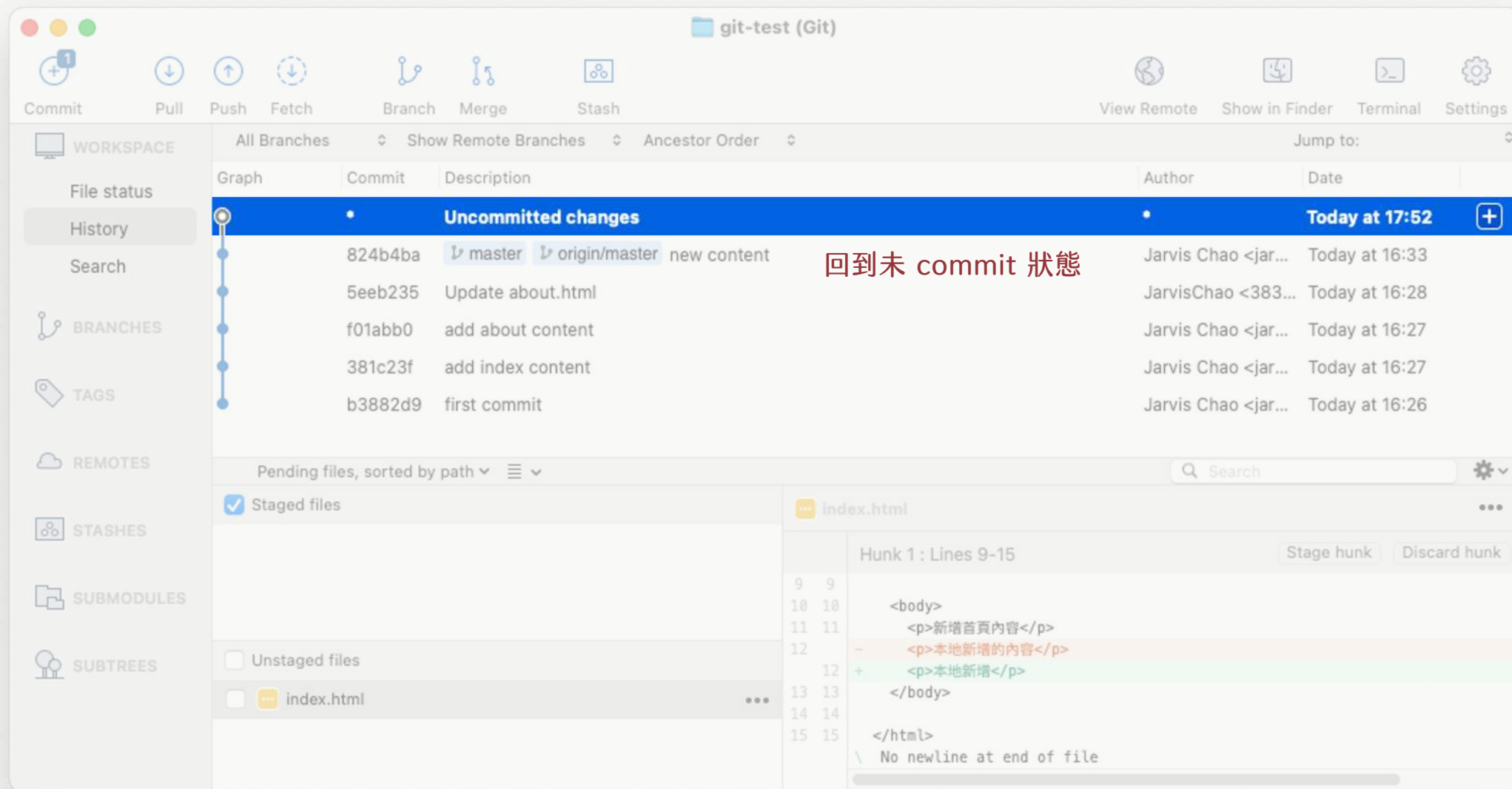
雙點擊

# Sourcetree ( stash )





# Sourcetree (stash)





# Git 分支及合併

使用 branch 開分支並使用 merge 合併

# 分支及合併

\$ git branch

在不動到原檔的情形下，另開分支新增功能

```
$ git branch  
$ git branch name // 新增分支
```

\$ git merge 分支名

先切回 master 分支再合併其他分支到 master 分支

```
$ git checkout master  
$ git merge branch01
```

\$ git checkout 分支名

切換 HEAD 至指定分支，也可查看指定版本內容

```
$ git checkout branch01 // 切換主
```

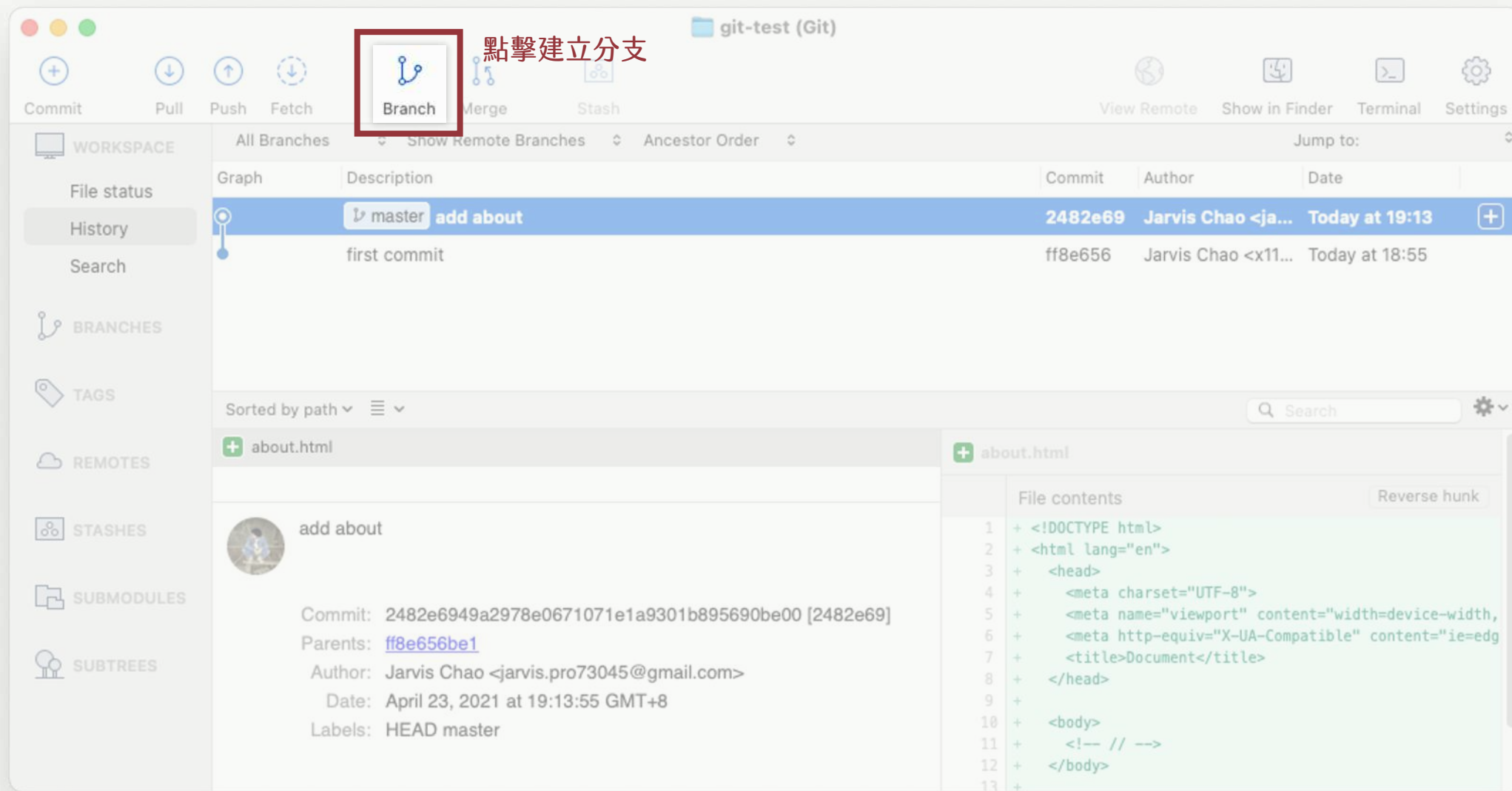
\$ git rebase 分支名

先切至所選分支，再將其合併成基礎

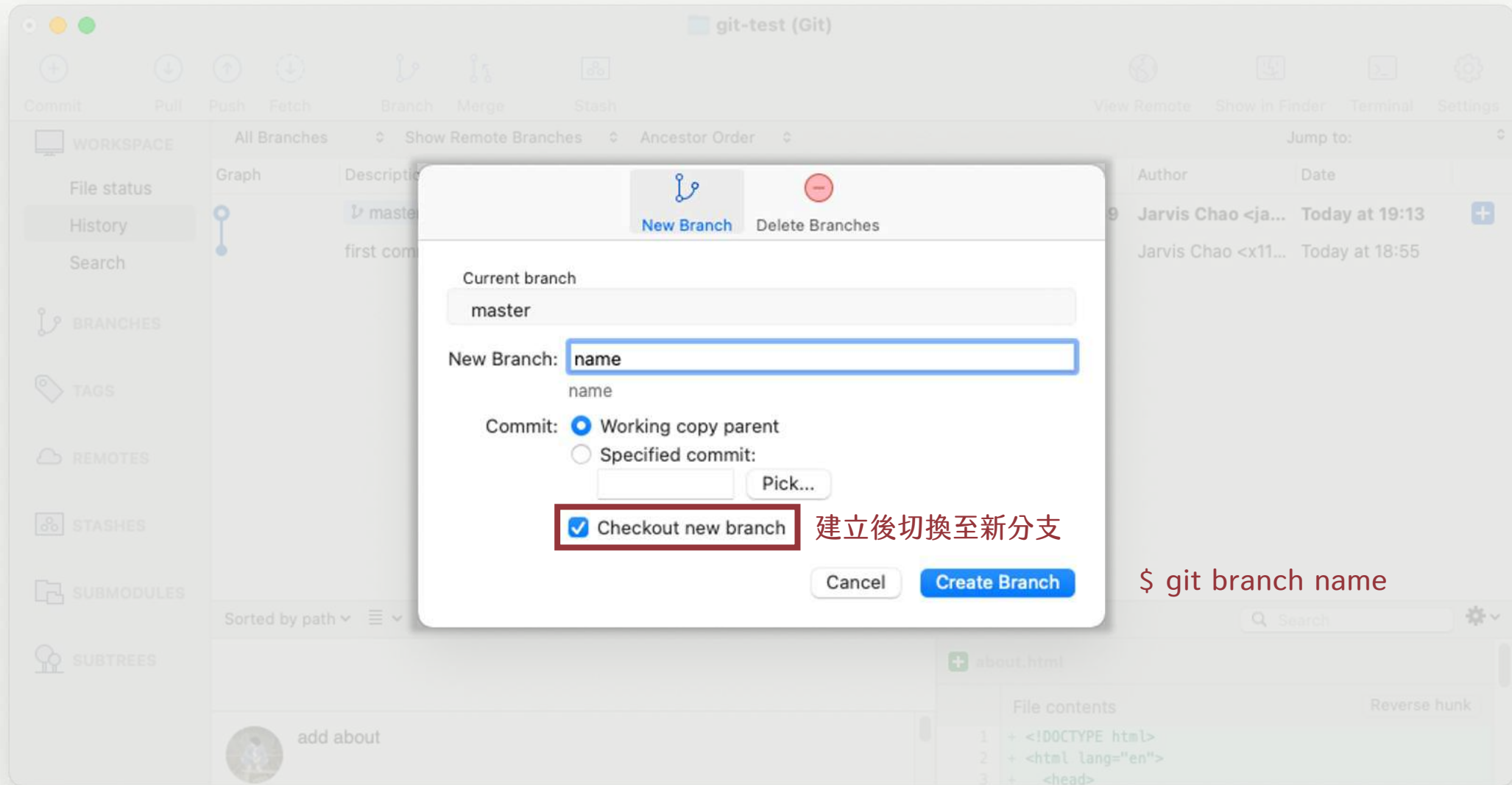
```
$ git checkout branch02  
$ git rebase branch01
```

TIPS：HEAD 為目前所在分支，可使用 checkout 控制位置；常用方法為：跳至指定版本並開分支重新從該版本修改

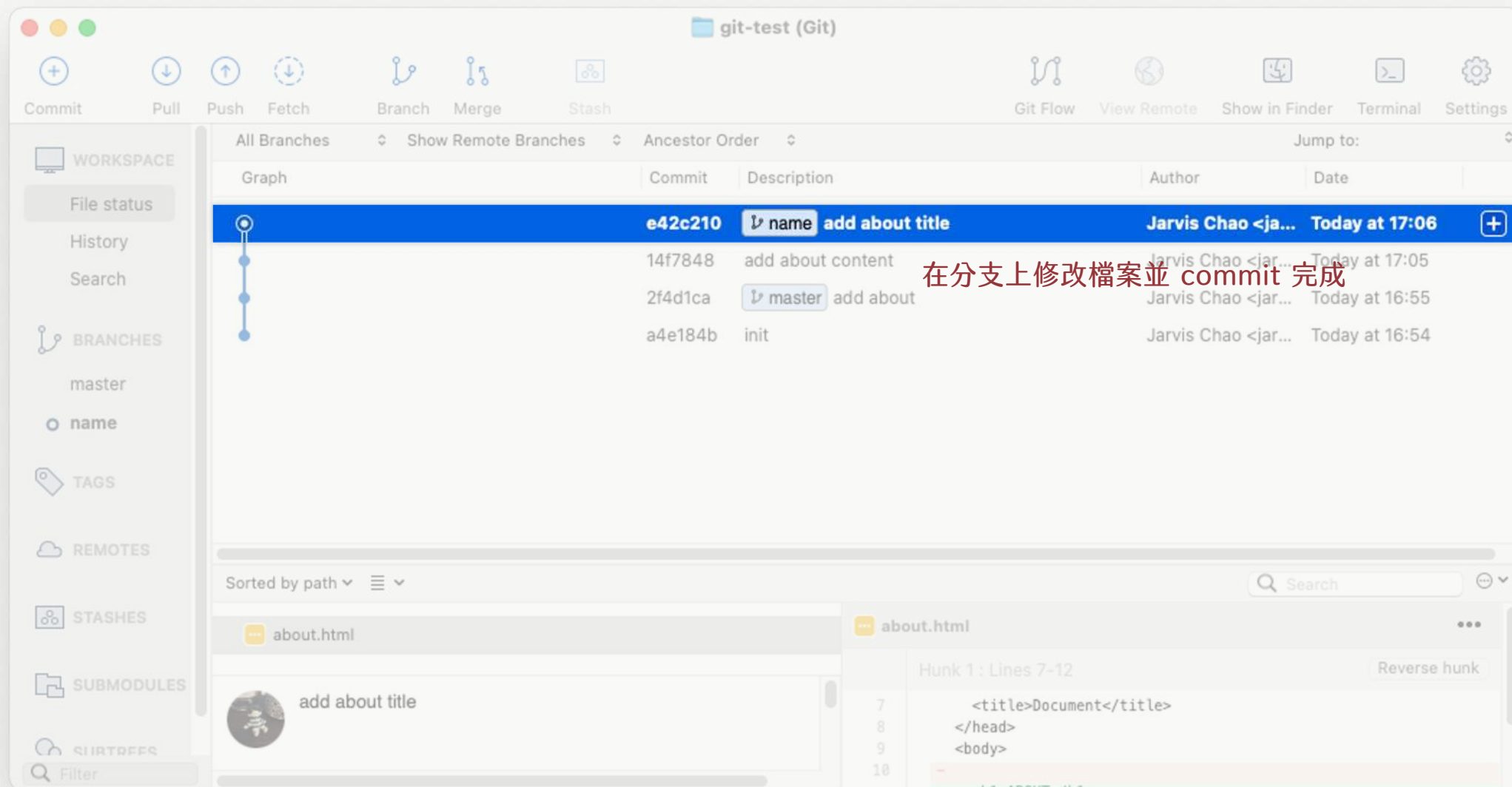
# Sourcetree ( branch )



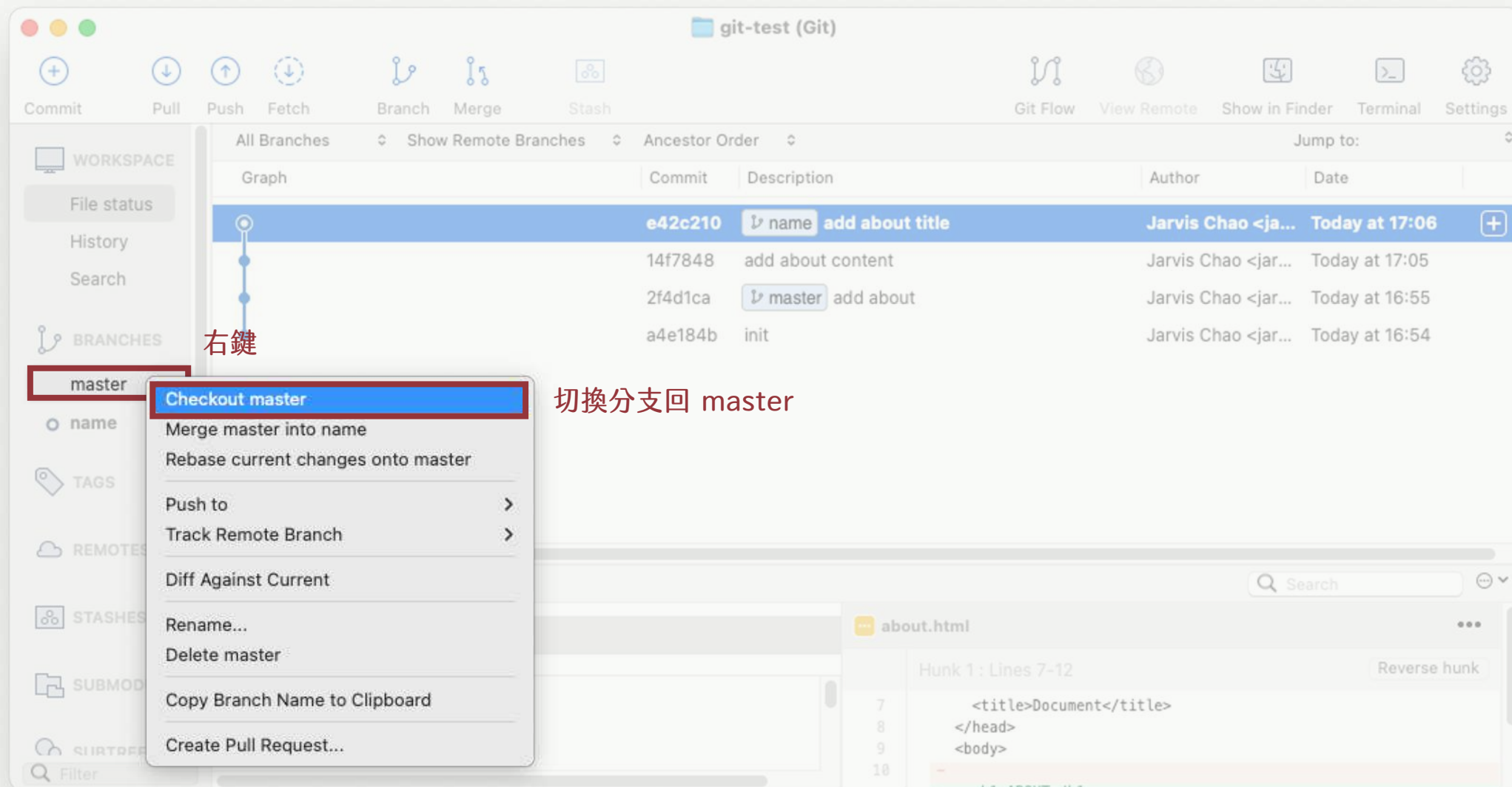
# Sourcetree ( branch )



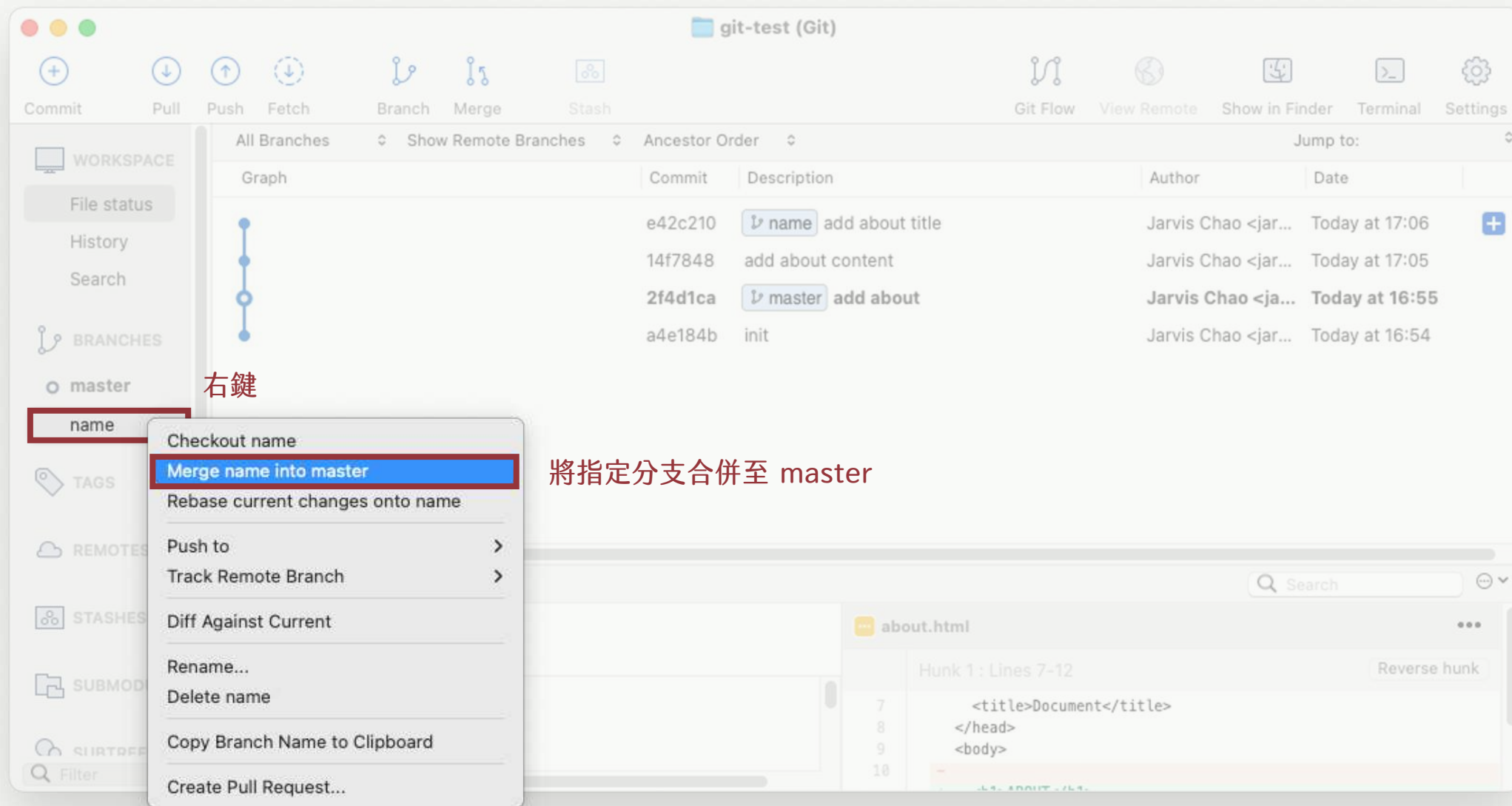
# Sourcetree (branch)



# Sourcetree (checkout)



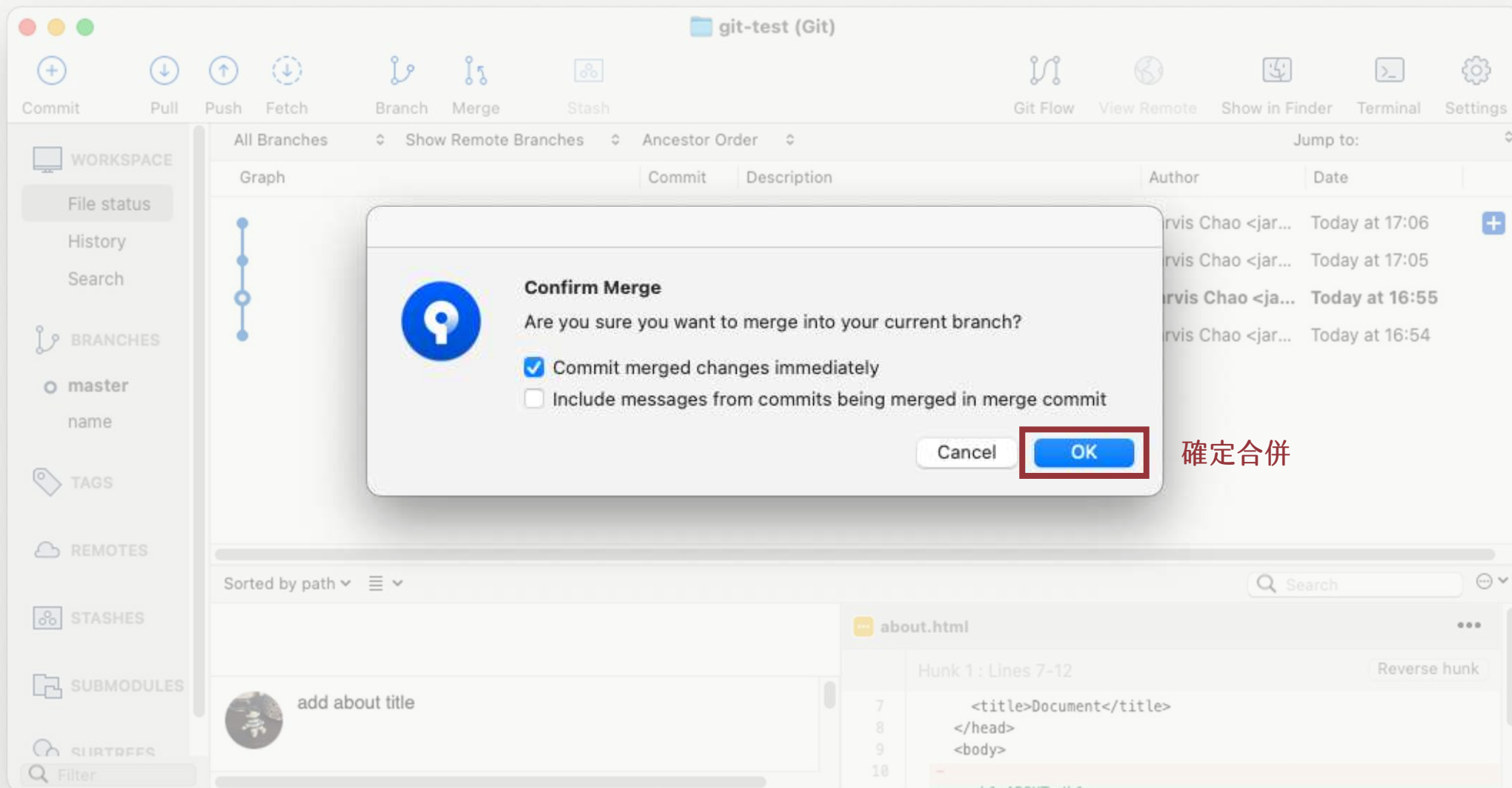
# Sourcetree (merge)



右鍵

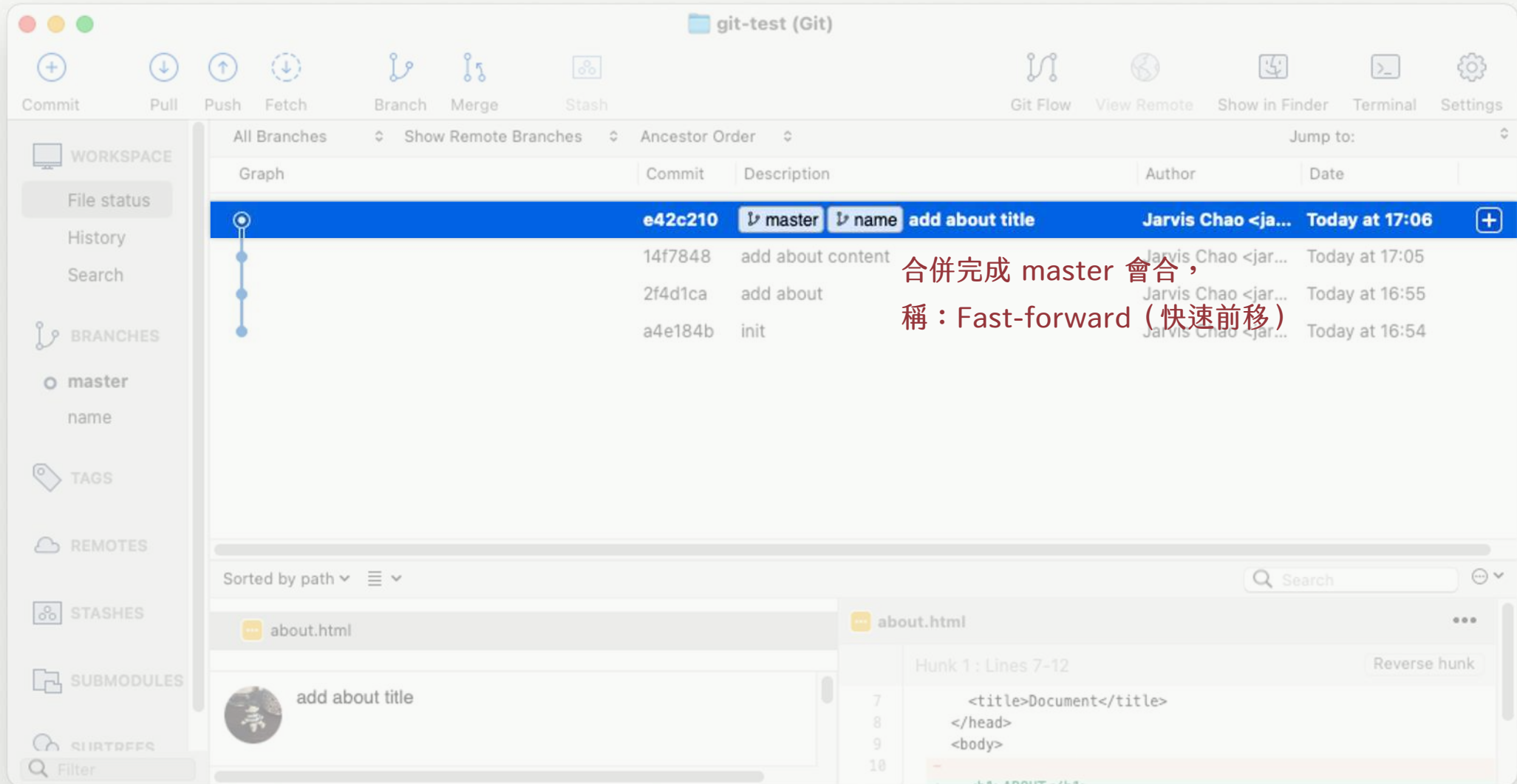
將指定分支合併至 master

# Sourcetree (merge)





# Sourcetree (merge)



合併完成 master 會合，  
稱：Fast-forward (快速前移)



### Merge Conflicts

You now have merge conflicts in your working copy that need to be resolved before continuing.

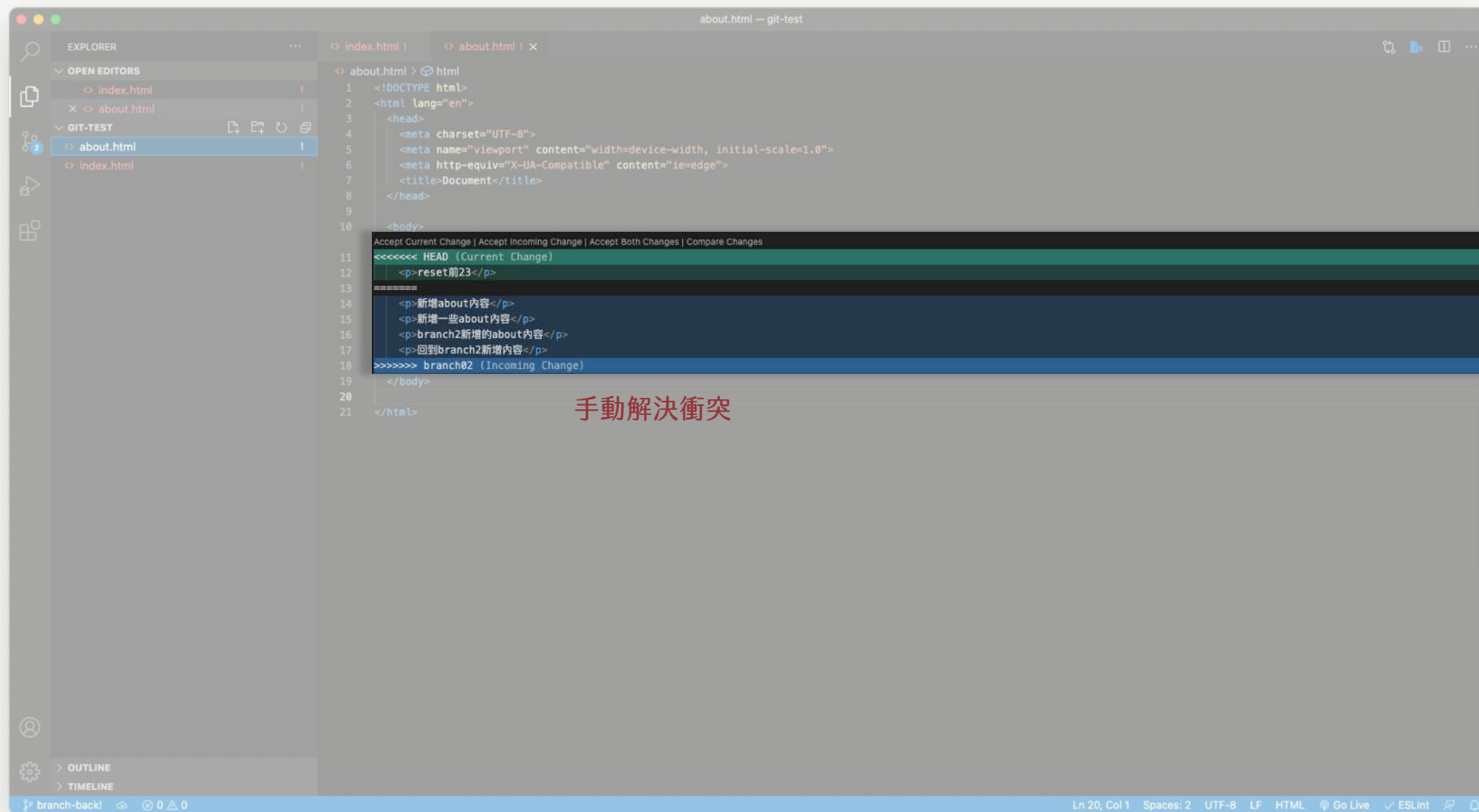
You can do this by selecting the conflicted files and using the options under the 'Resolve Conflicts' menu.

OK

☐ Do not show this message again

# Merge 時發生衝突

# Merge 時發生衝突



# Git 回到指定版本

使用 `reset` 或 `checkout` 回到指定版本

# 回到指定版本

\$ git reset 指定編號

重置檔案至指定版本，如不熟悉有可能無法再 push 至遠端

```
$ git reset f2cbd99
// 把檔案丟回工作目錄（預設）
$ git reset f2cbd99 --mixed
// 把檔案丟回暫存區域
$ git reset f2cbd99 --soft
// 把檔案直接丟掉
$ git reset f2cbd99 --hard
```

\$ git reflog

找出所有移動軌跡

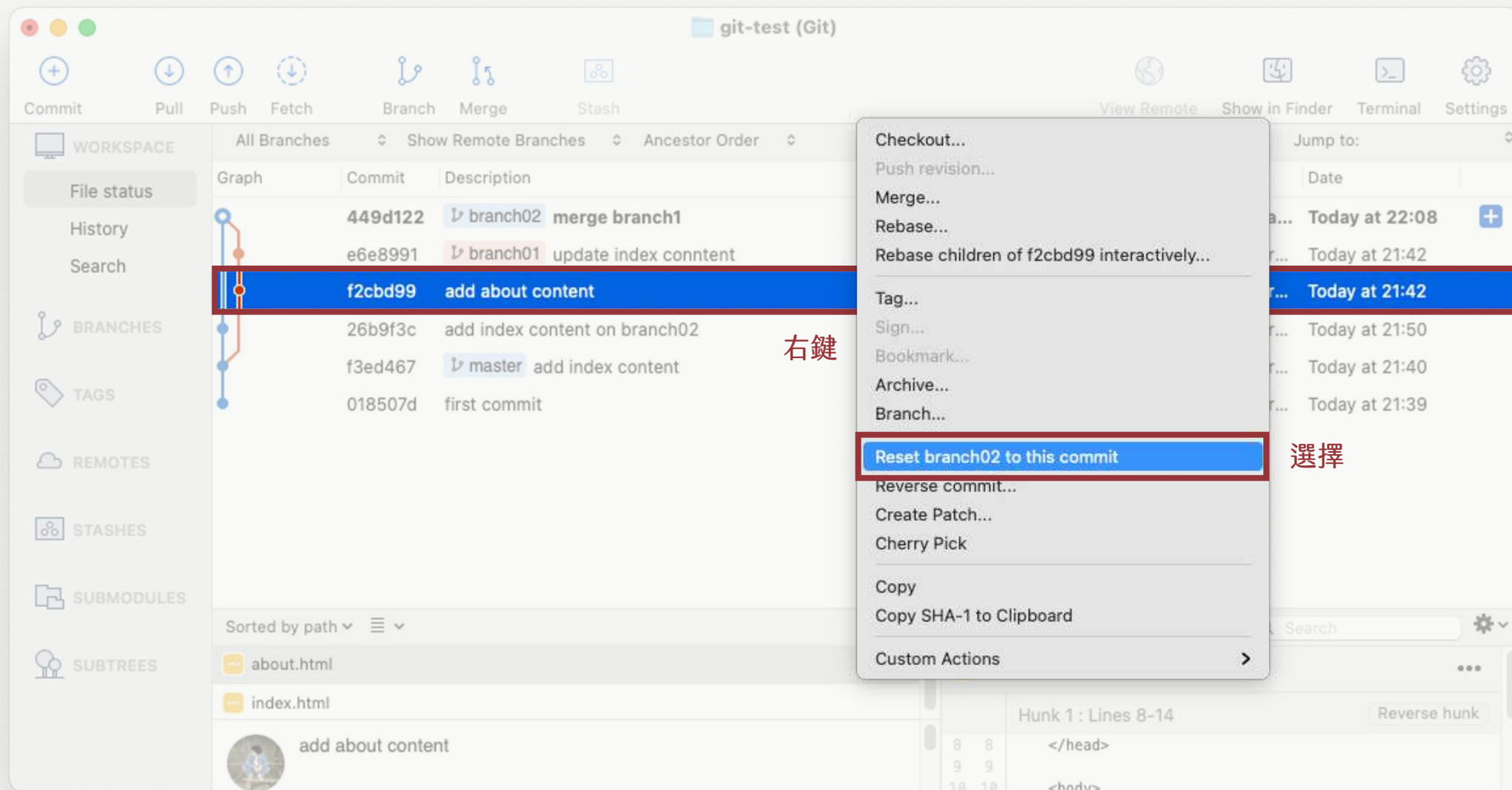
```
$ git reflog
$ :q // 離開 reflog

// 找回使用 reset --hard 蓋掉的檔案
$ git reset 449d122 --hard
```

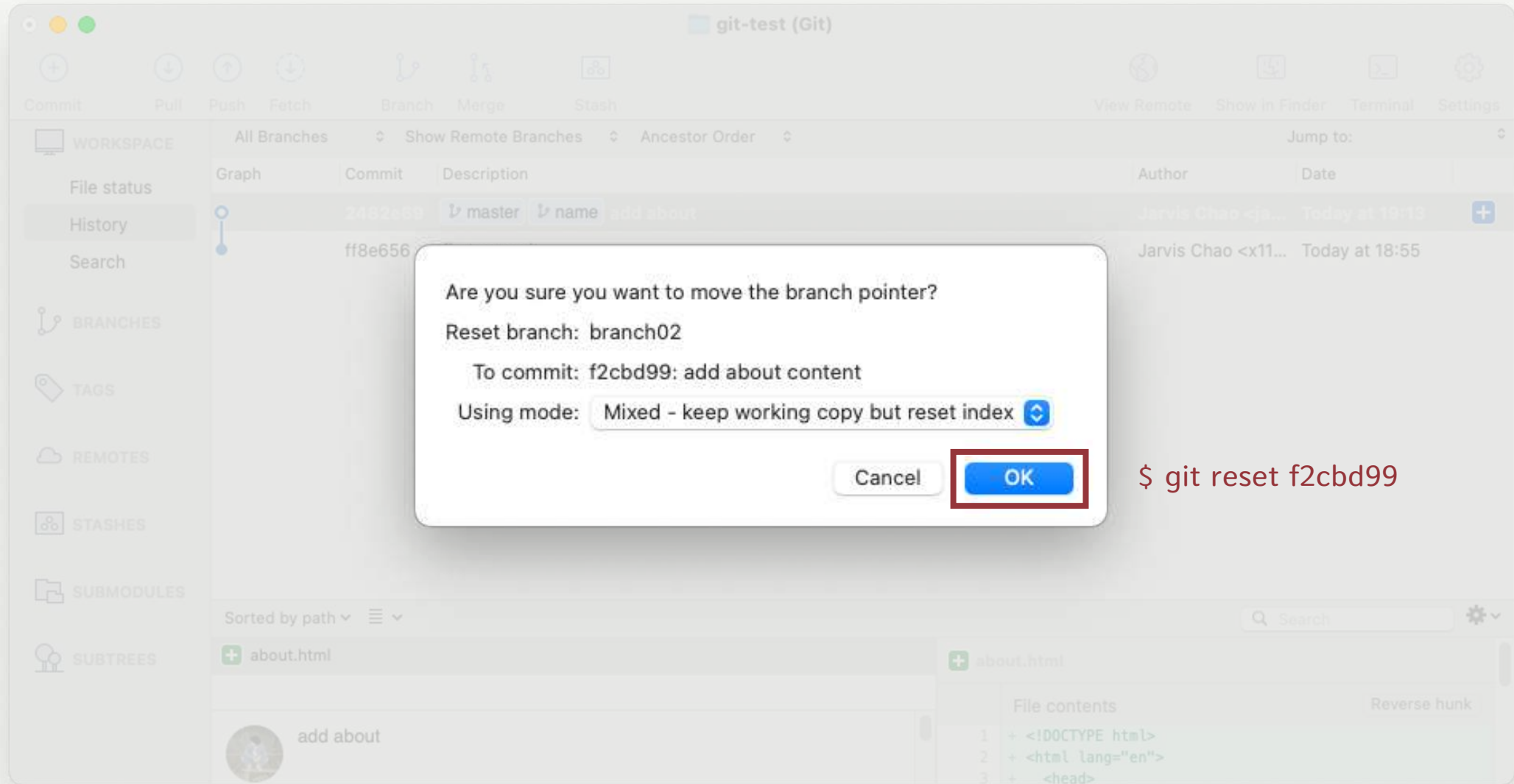
TIPS：

reset 盡量少用，一旦 commit 已經被 push 到遠端，那就不允許去 reset 本地資料；  
建議使用 checkout 至指定版本後，再另開新分支編輯。

# Sourcetree (reset)



# Sourcetree (reset)



\$ git reset f2cbd99

# Sourcetree (reset)

The screenshot shows the Sourcetree application window for a repository named "git-test (Git)". The interface includes a top toolbar with icons for Commit, Pull, Push, Fetch, Branch, Merge, and Stash. Below this is a sidebar with navigation options: WORKSPACE, File status, History, Search, BRANCHES, TAGS, REMOTES, STASHES, SUBMODULES, and SUBTREES. The main area displays a commit history table with columns for Graph, Commit, Description, Author, and Date. The commit f2cbd99 is highlighted in blue, indicating it is the current state. The commit message is "add about content". The commit hash is f2cbd99e270cab13a7293535a2890c0f1b76257 [f2cbd99]. The parents are f3ed467140. The commit is dated Today at 21:42. The commit is labeled "branch02". The commit is labeled "add about content". The commit is labeled "Jarvis Chao <jar...". The commit is labeled "Today at 21:42". The commit is labeled "Today at 21:42". The commit is labeled "Today at 21:42".

Graph	Commit	Description	Author	Date
*	*	Uncommitted changes	*	Today at 23:15
e6e8991	branch01	update index content	Jarvis Chao <jar...	Today at 21:42
f2cbd99	branch02	add about content	Jarvis Chao <jar...	Today at 21:42
f3ed467	master	add index content	Jarvis Chao <jar...	Today at 21:40
018507d		first commit	Jarvis Chao <jar...	Today at 21:39

Sorted by path

about.html

index.html

add about content

Commit: f2cbd99e270cab13a7293535a2890c0f1b76257 [f2cbd99]  
Parents: f3ed467140

Hunk 1 : Lines 8-14

Reverse hunk

```
8 8    </head>
9 9
10 10   <body>
11 11   + <p>新增about内容</p>
12 12   </body>
13 13
14 14   </html>
\ No newline at end of file
```

成功 Reset 至指定版本



# Git 遠端資料傳輸

使用 push 與 pull 傳送及拉取遠端資料

# 遠端資料傳輸

\$ git remote add origin 遠端網址

設置遠端空間節點連線，宣告後續推拉檔案的地方

```
$ git remote add origin https://url/to/remote.git
```

\$ git pull

將資料從遠端拉取並合併（merge）

```
$ git pull  
$ git pull --rebase // pull 後以 rebase 的方式合併
```

\$ git push origin master

將資料推至遠端空間

```
$ git push origin master
```

\$ git fetch

將資料從遠端拉取，不合併

```
$ git fetch origin master
```

# 遠端資料複製

\$ git clone 遠端網址

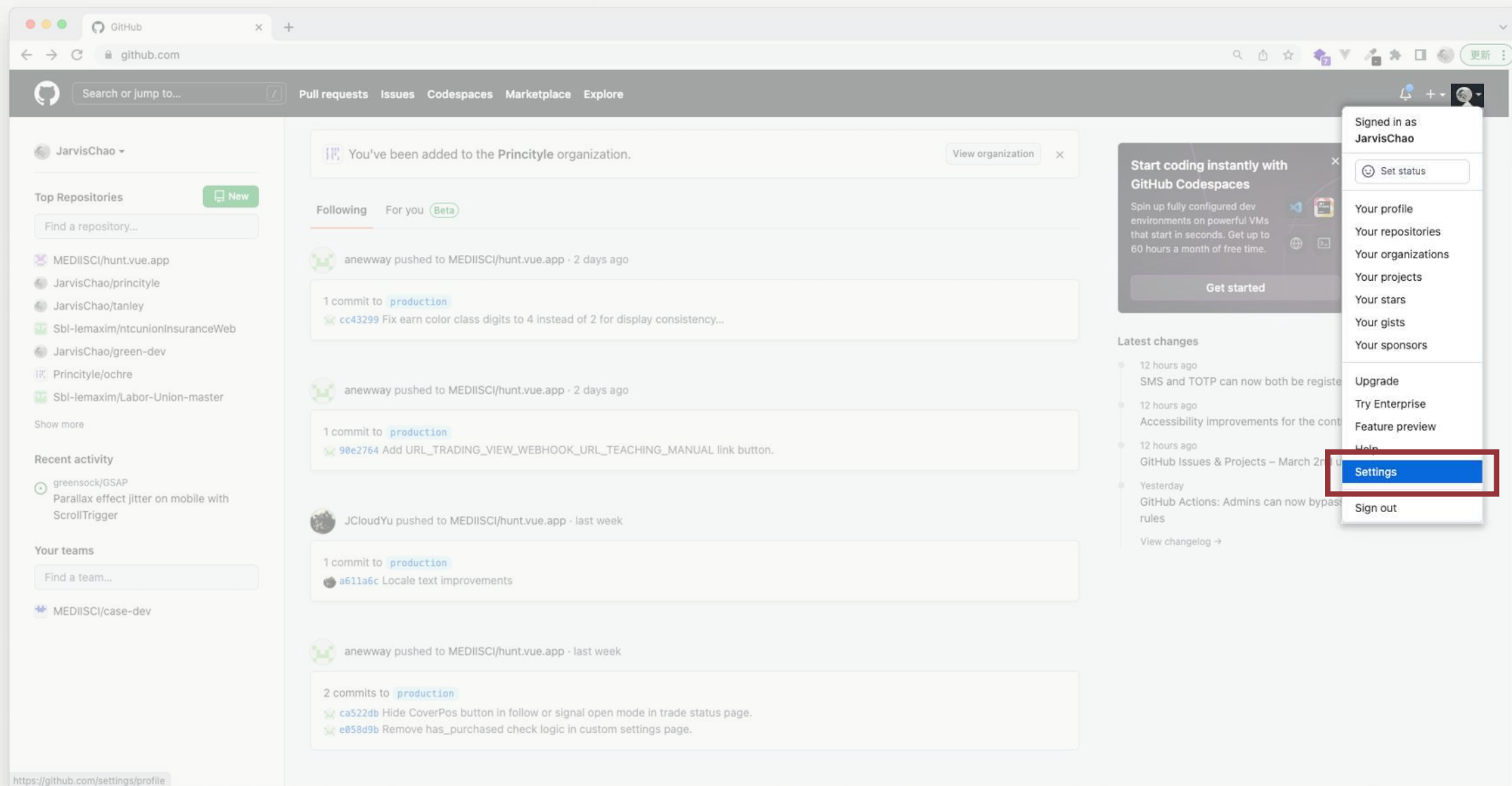
將遠端資料複製一份至本地資料夾（非下載，有完整 .git 檔）

```
$ git clone https://url/to/remote.git
```

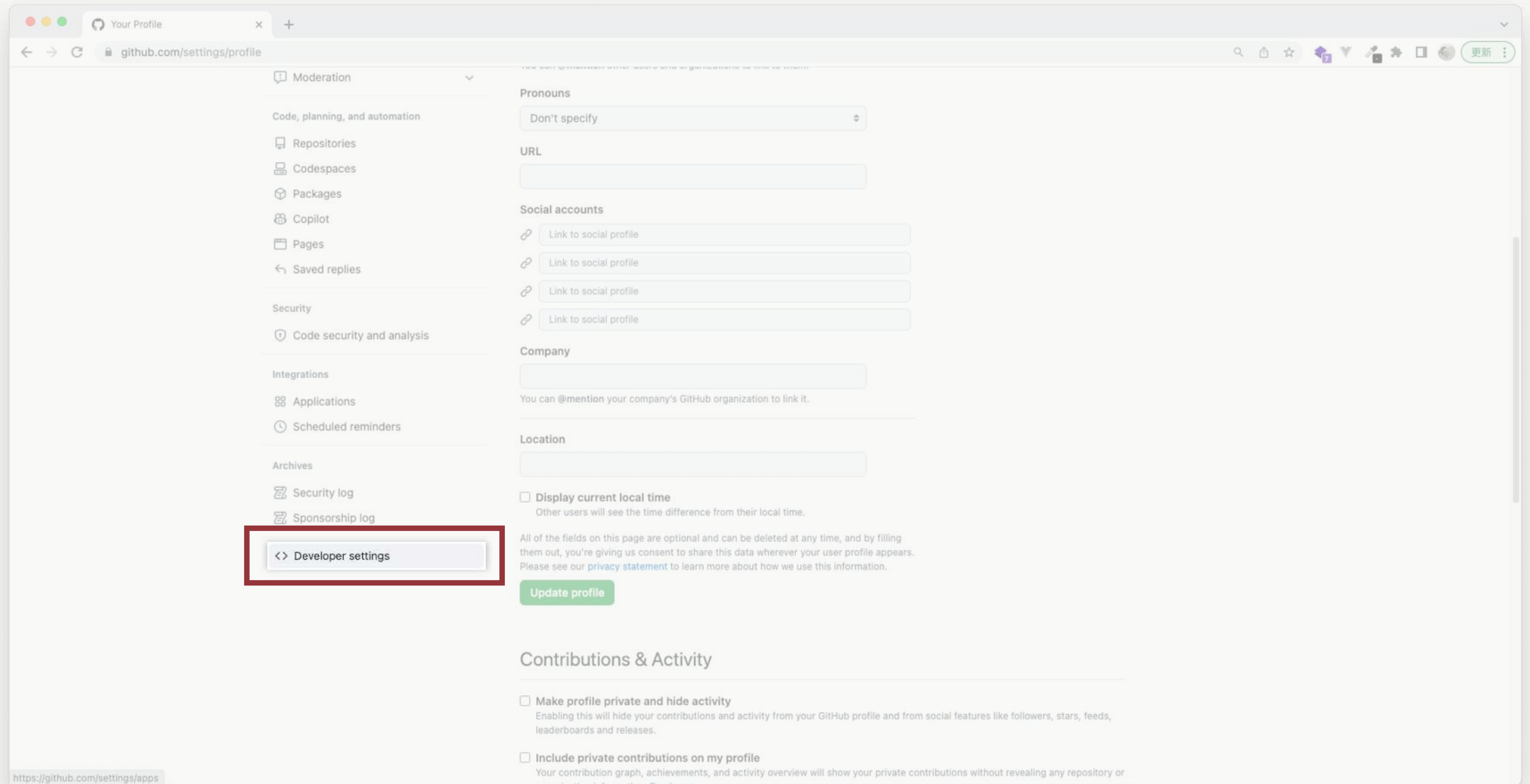
# 取得 Personal access tokens

取得個人訪問 token 並在第三方平台使用

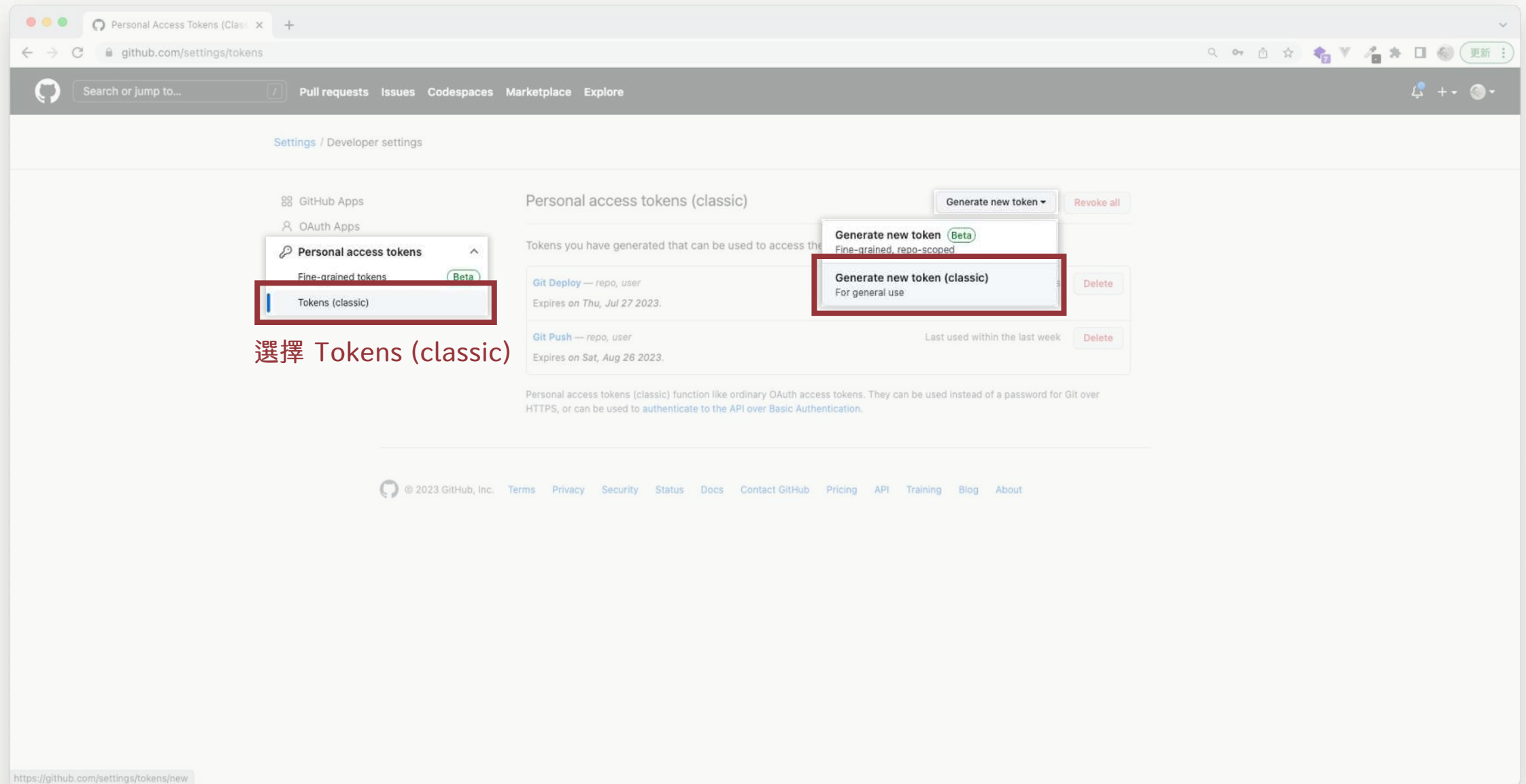
# GitHub 取得 Personal access tokens



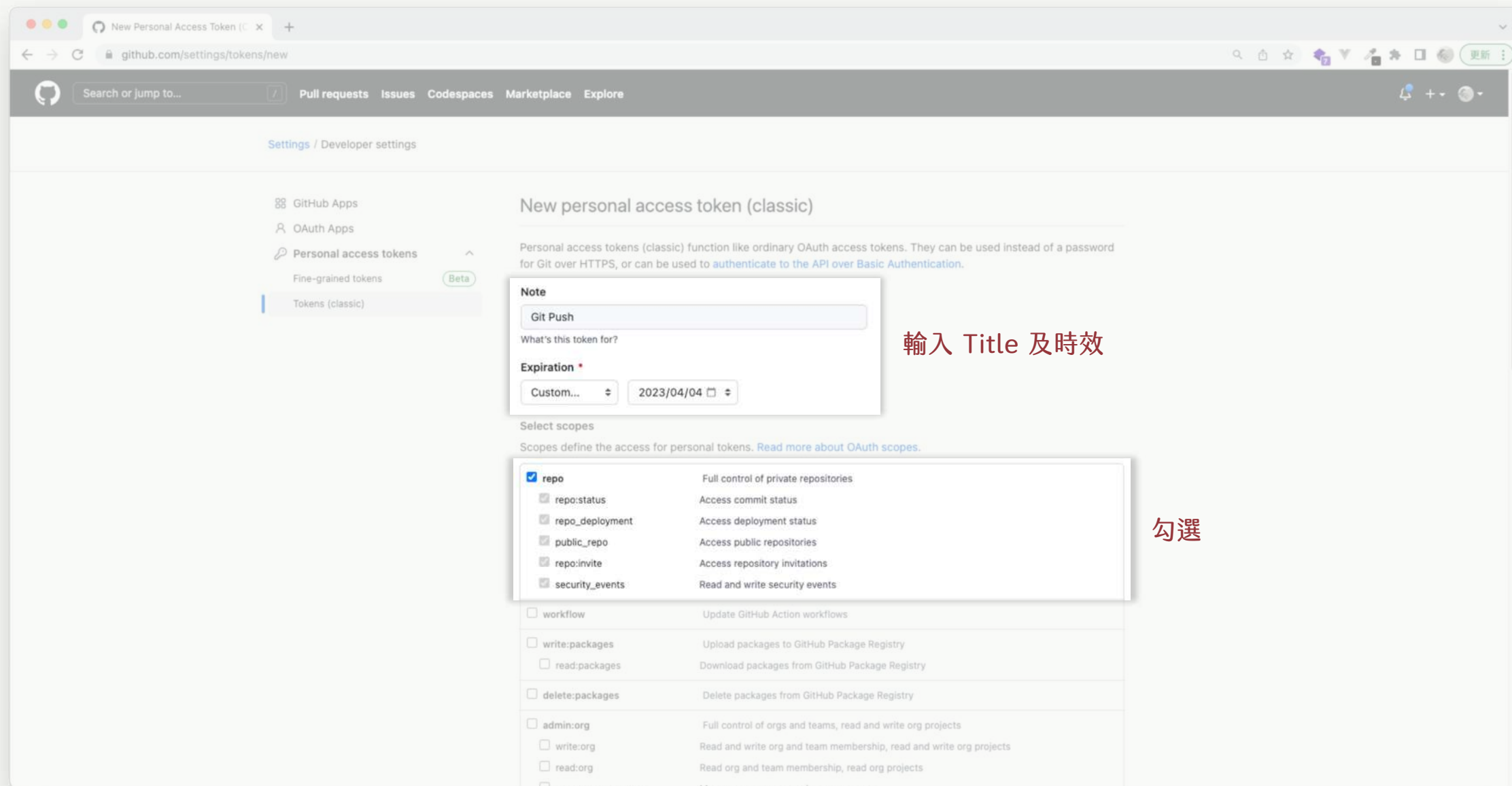
# GitHub 取得 Personal access tokens



# GitHub 取得 Personal access tokens



# GitHub 取得 Personal access tokens





# GitHub 取得 Personal access tokens

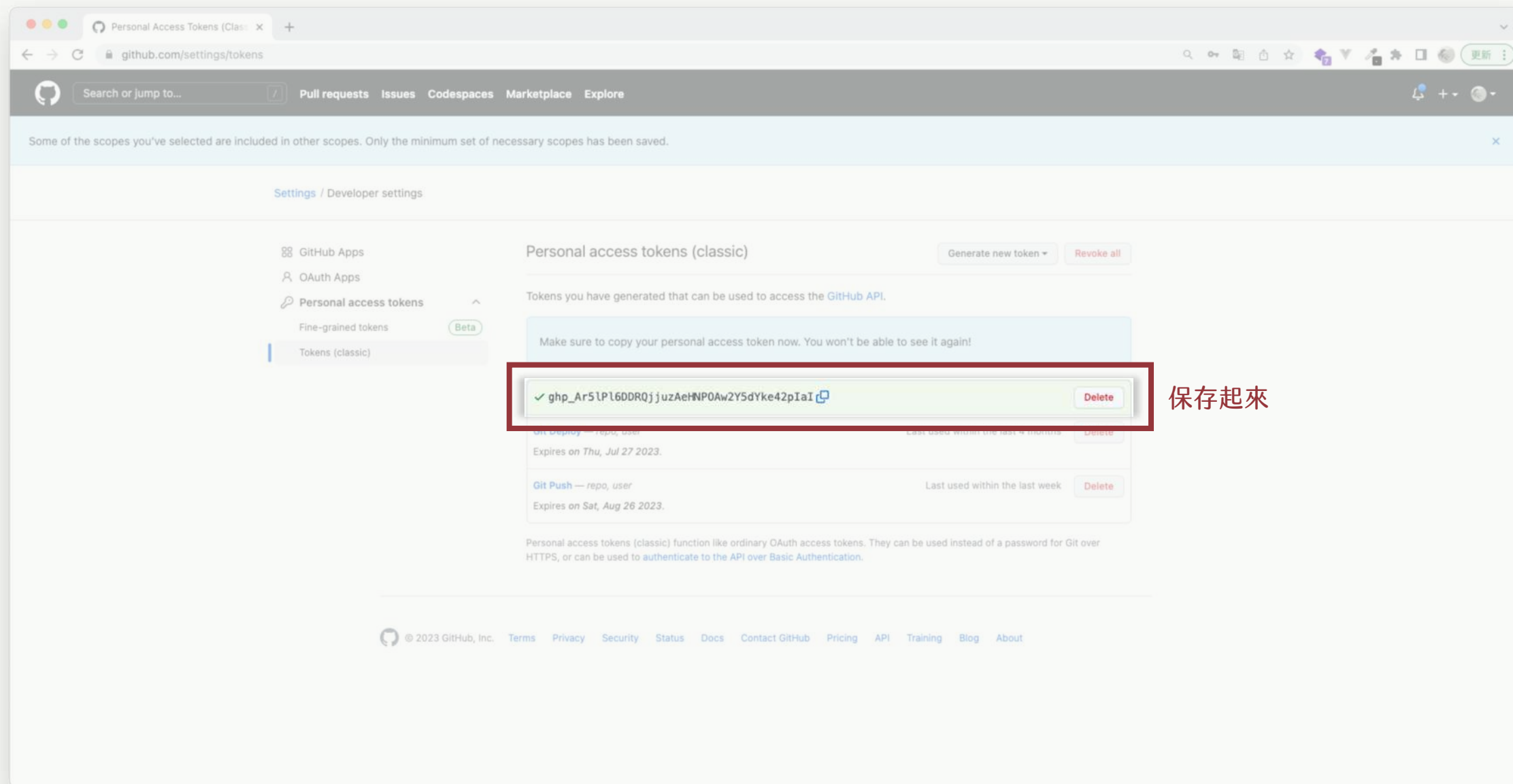
The screenshot shows the GitHub interface for creating a new personal access token. The 'user' permission is selected, and its sub-permissions are also checked. The 'Generate token' button is highlighted with a red box.

Permission	Description
<input type="checkbox"/> admin:org_hook	Full control of organization hooks
<input type="checkbox"/> gist	Create gists
<input type="checkbox"/> notifications	Access notifications
<input checked="" type="checkbox"/> user	Update ALL user data
<input checked="" type="checkbox"/> read:user	Read ALL user profile data
<input checked="" type="checkbox"/> user:email	Access user email addresses (read-only)
<input checked="" type="checkbox"/> user:follow	Follow and unfollow users
<input type="checkbox"/> delete_repo	Delete repositories
<input type="checkbox"/> write:discussion	Read and write team discussions
<input type="checkbox"/> read:discussion	Read team discussions
<input type="checkbox"/> admin:enterprise	Full control of enterprises
<input type="checkbox"/> manage_runners:enterprise	Manage enterprise runners and runner groups
<input type="checkbox"/> manage_billing:enterprise	Read and write enterprise billing data
<input type="checkbox"/> read:enterprise	Read enterprise profile data
<input type="checkbox"/> audit_log	Full control of audit log
<input type="checkbox"/> read:audit_log	Read access of audit log
<input type="checkbox"/> codespace	Full control of codespaces
<input type="checkbox"/> codespace:secrets	Ability to create, read, update, and delete codespace secrets
<input type="checkbox"/> project	Full control of projects
<input type="checkbox"/> read:project	Read access of projects
<input type="checkbox"/> admin:pgp_key	Full control of public user GPG keys
<input type="checkbox"/> write:pgp_key	Write public user GPG keys
<input type="checkbox"/> read:pgp_key	Read public user GPG keys
<input type="checkbox"/> admin:ssh_signing_key	Full control of public user SSH signing keys
<input type="checkbox"/> write:ssh_signing_key	Write public user SSH signing keys
<input type="checkbox"/> read:ssh_signing_key	Read public user SSH signing keys

**Generate token** Cancel

勾選

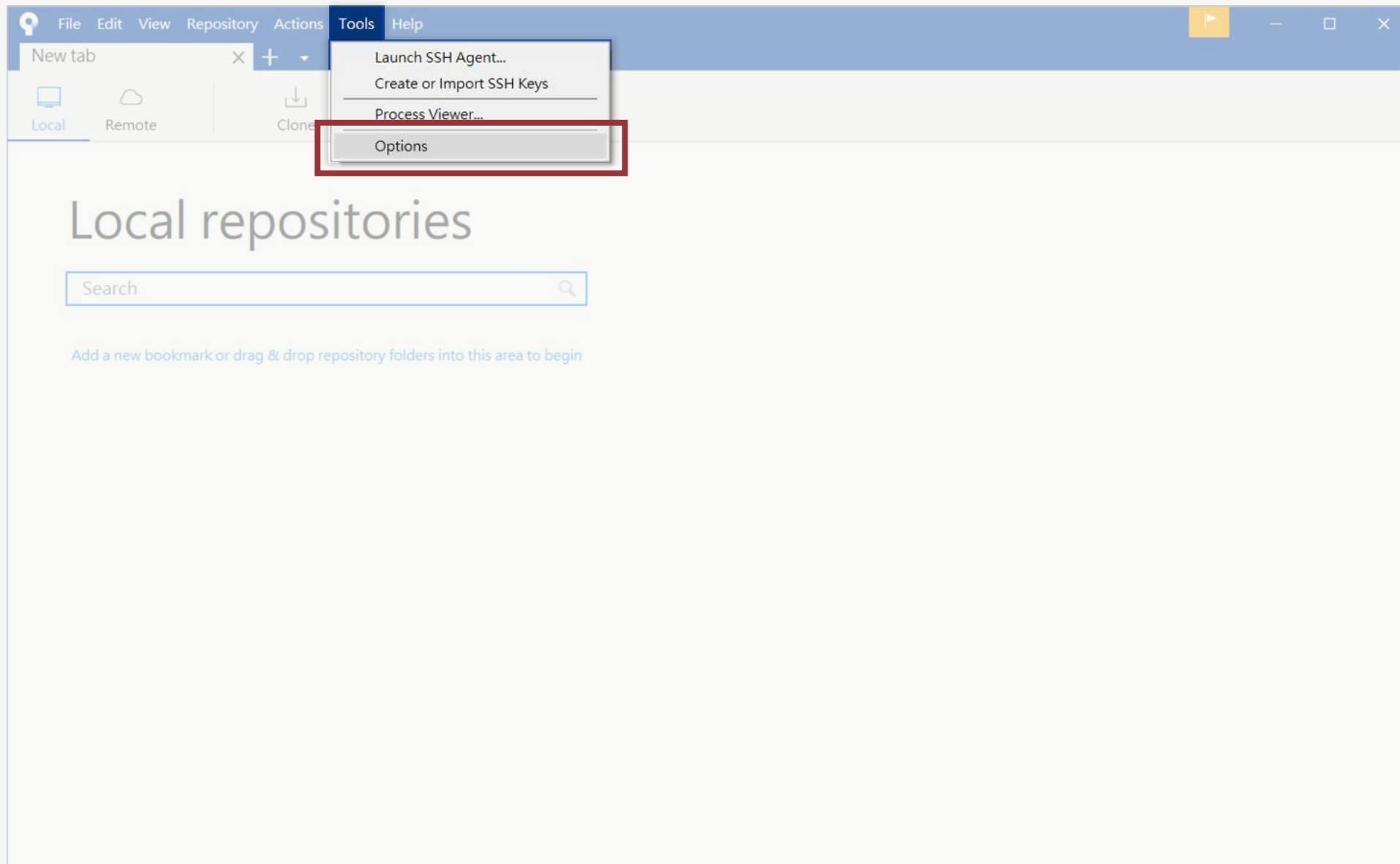
# GitHub 取得 Personal access tokens



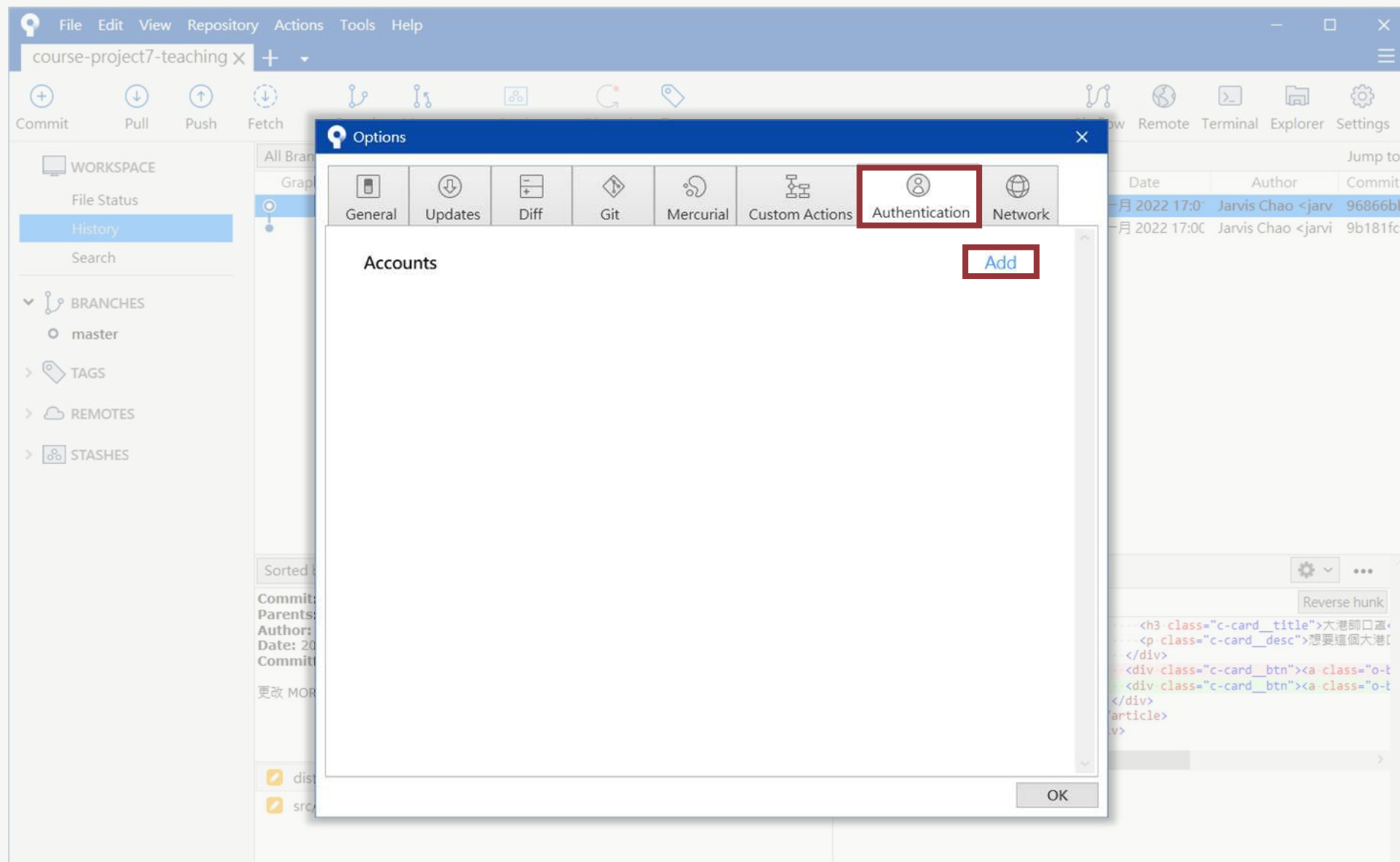
# Sourcetree 連結 Github 帳戶

連結帳戶以便後續操作

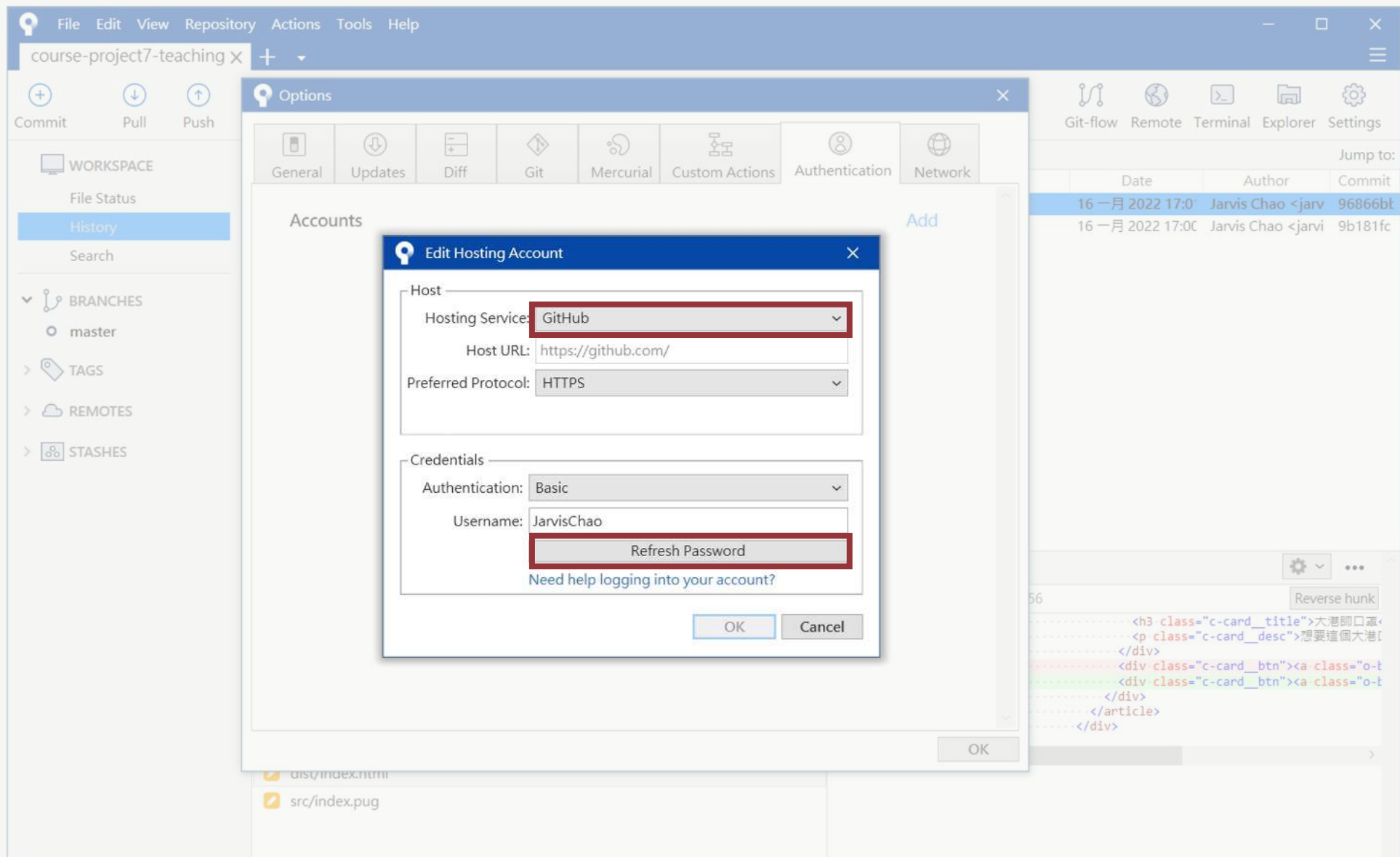
# Sourcetree ( 連結 Github 帳戶 )



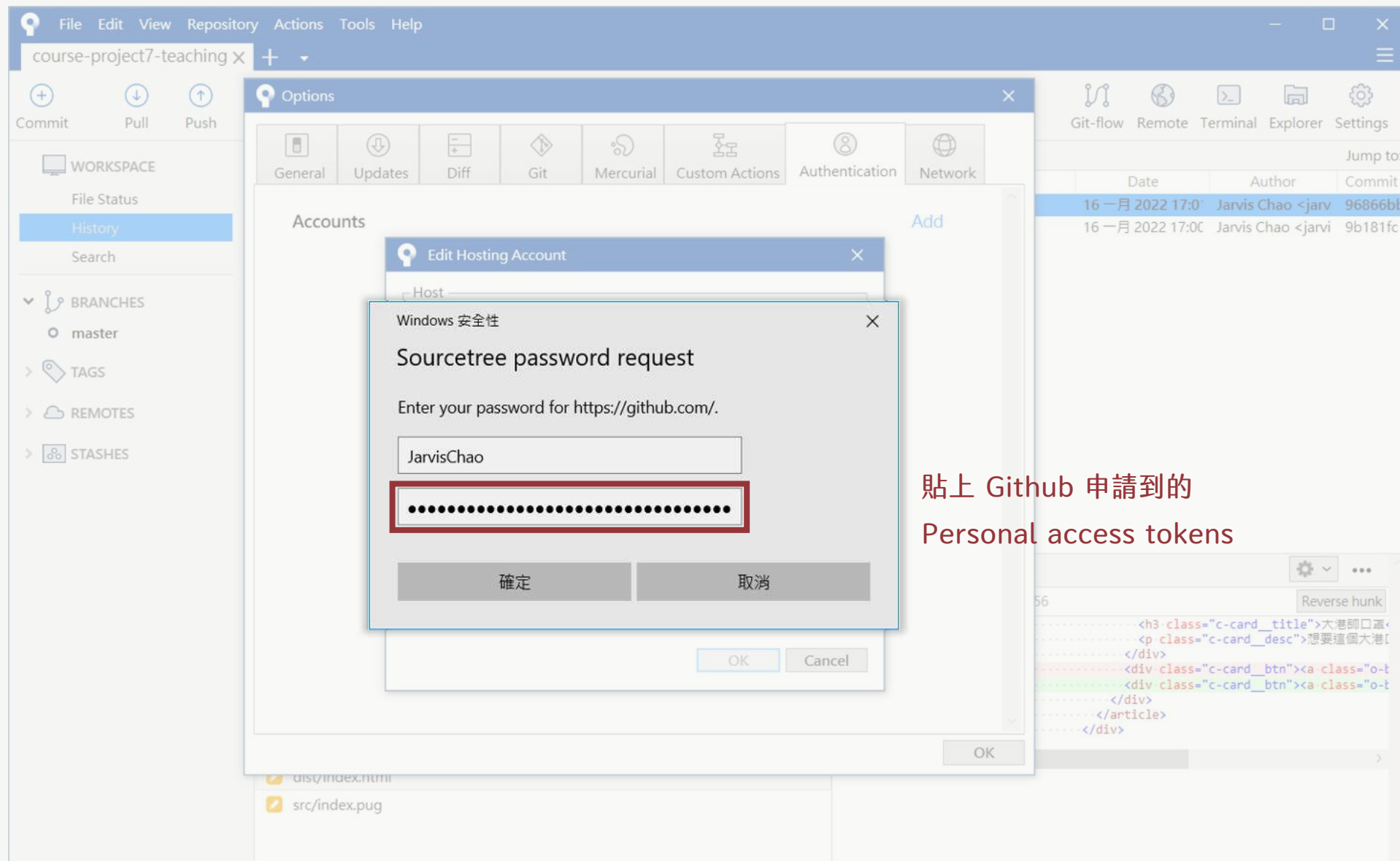
# Sourcetree ( 連結 Github 帳戶 )



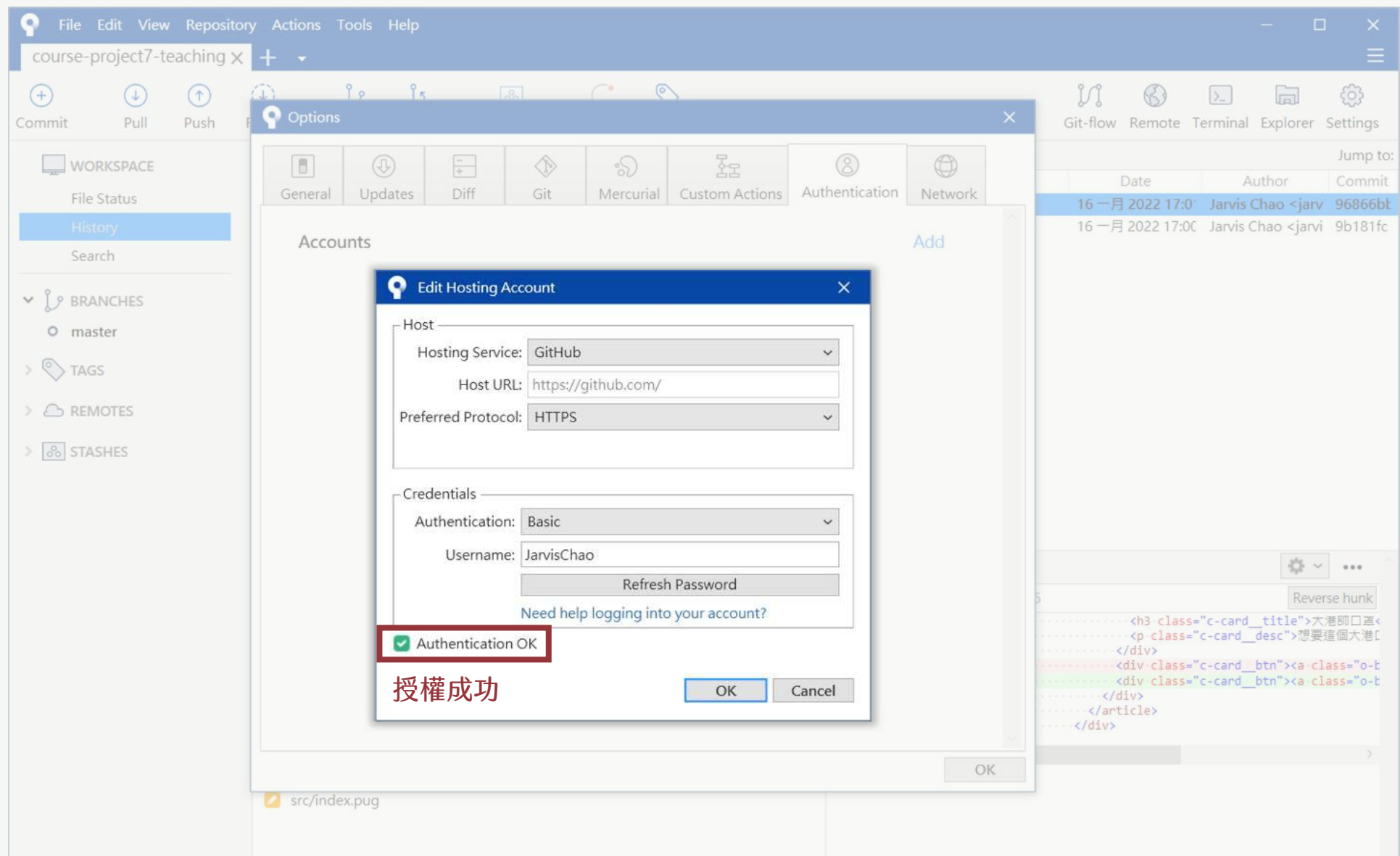
# Sourcetree ( 連結 Github 帳戶 )



# Sourcetree ( 連結 Github 帳戶 )

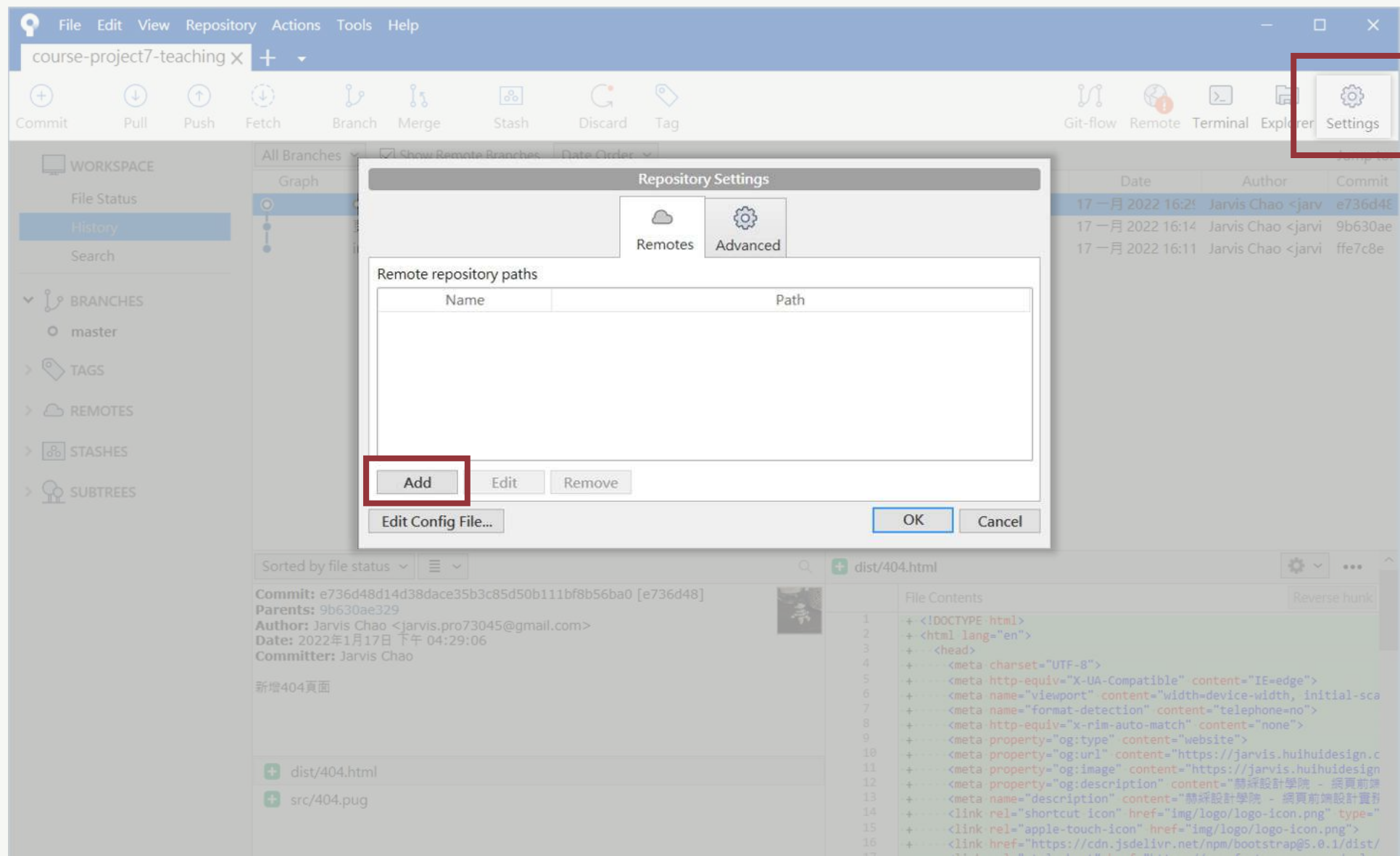


# Sourcetree (連結 Github 帳戶)

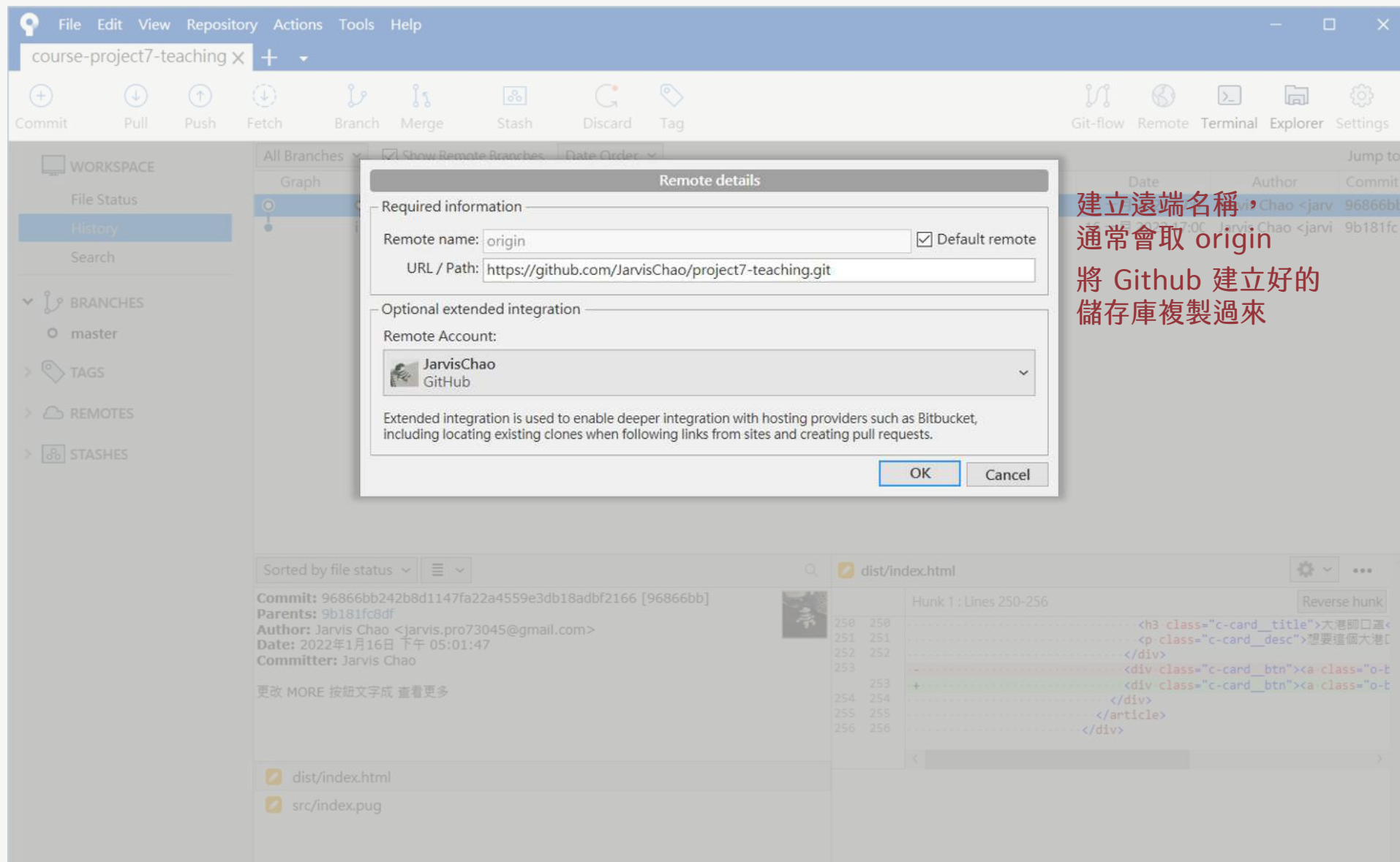




# Sourcetree (連結 Github 遠端庫)



# Sourcetree (連結 Github 遠端庫)



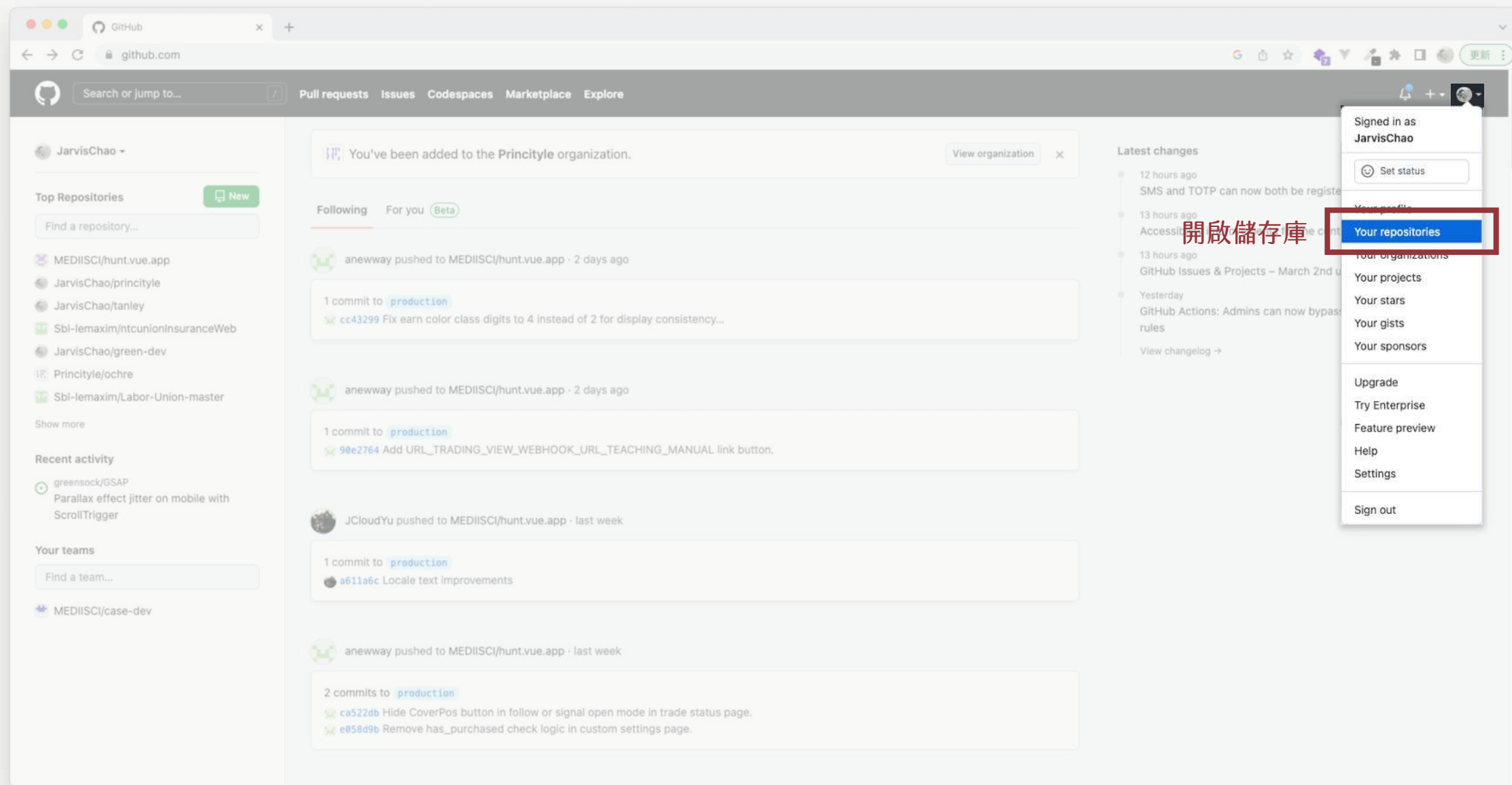
建立遠端名稱，  
通常會取 origin

將 Github 建立好的  
儲存庫複製過來

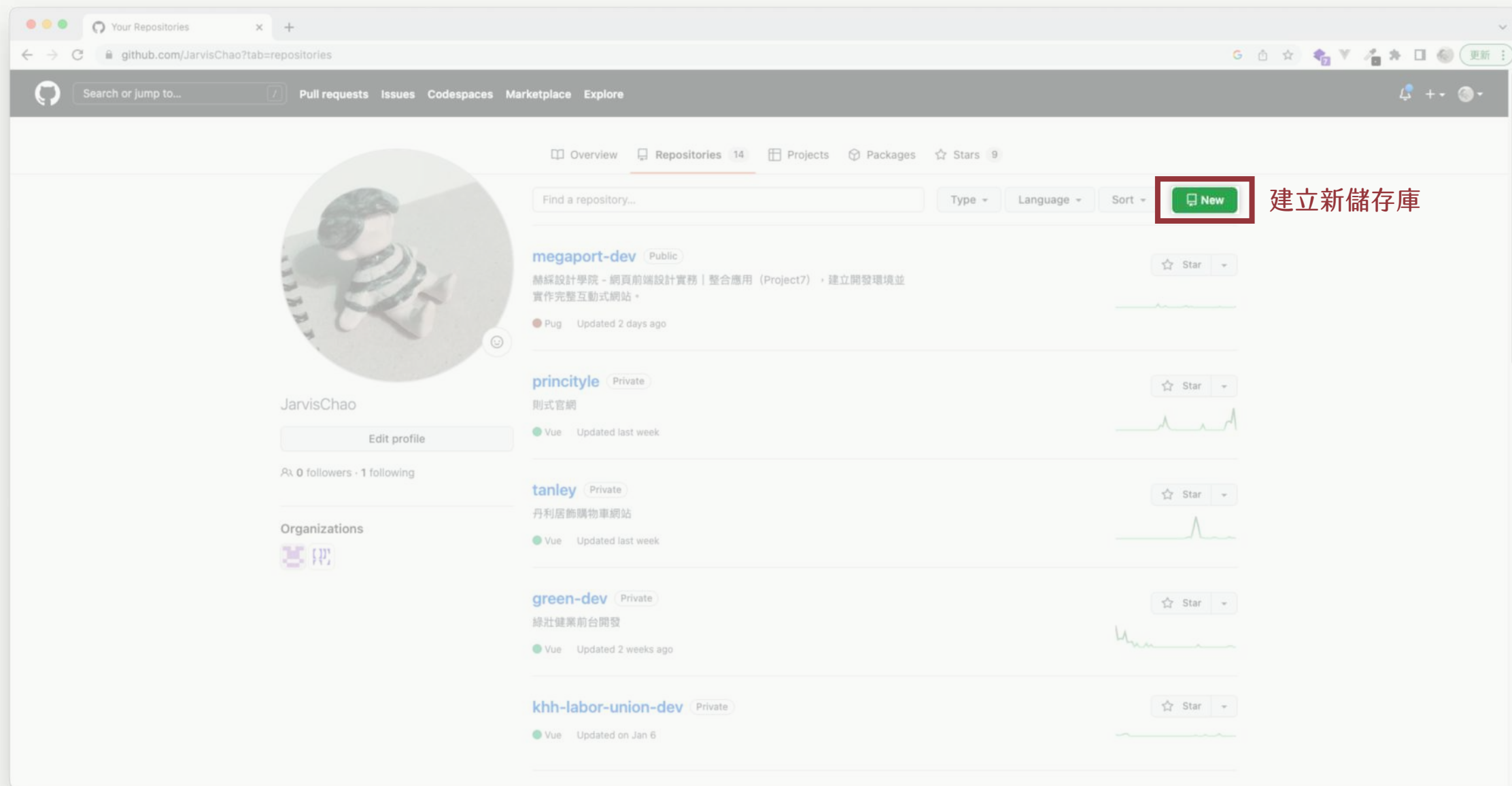
# 建立 Github 遠端儲存庫

建立 Github Repositories 遠端儲存庫並連結至 Sourcetree

# GitHub 建立遠端庫



# GitHub 建立遠端庫



# GitHub 建立遠端庫

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository](#).

Owner \* JarvisChao

Repository name \* my-projects ✓ 輸入儲存庫名稱

Great repository names are short and memorable. Need inspiration? How about [shiny-octo-fishstick](#)?

Description (optional)

我的作品集專案

☒ **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:  
Skip this step if you're importing an existing repository.

☐ Add a README file  
This is where you can write a long description for your project. [Learn more](#).

Add .gitignore  
Choose which files not to track from a list of templates. [Learn more](#).

.gitignore template: None

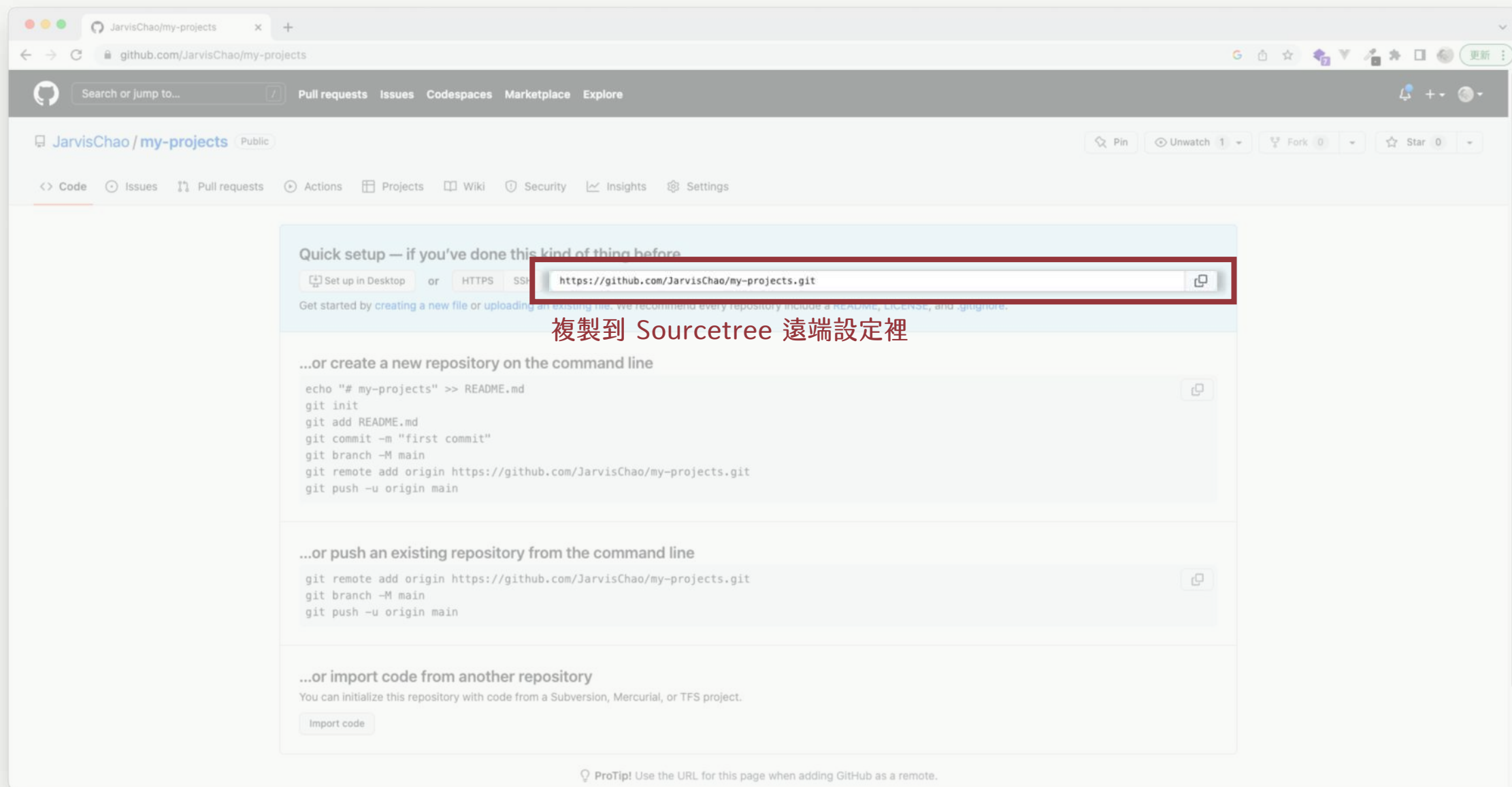
Choose a license  
A license tells others what they can and can't do with your code. [Learn more](#).

License: None

① You are creating a public repository in your personal account.

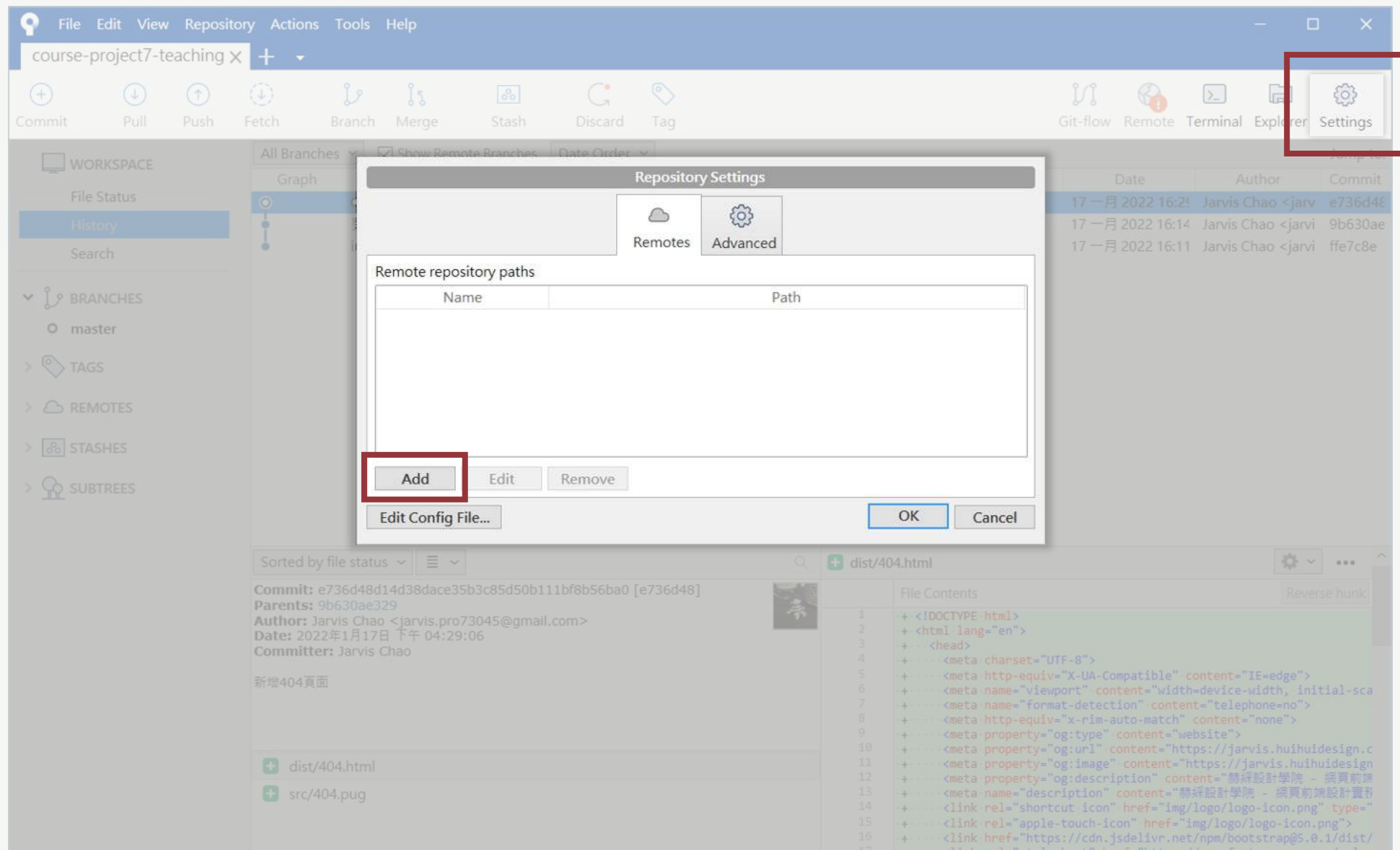
Create repository

# GitHub 建立遠端庫



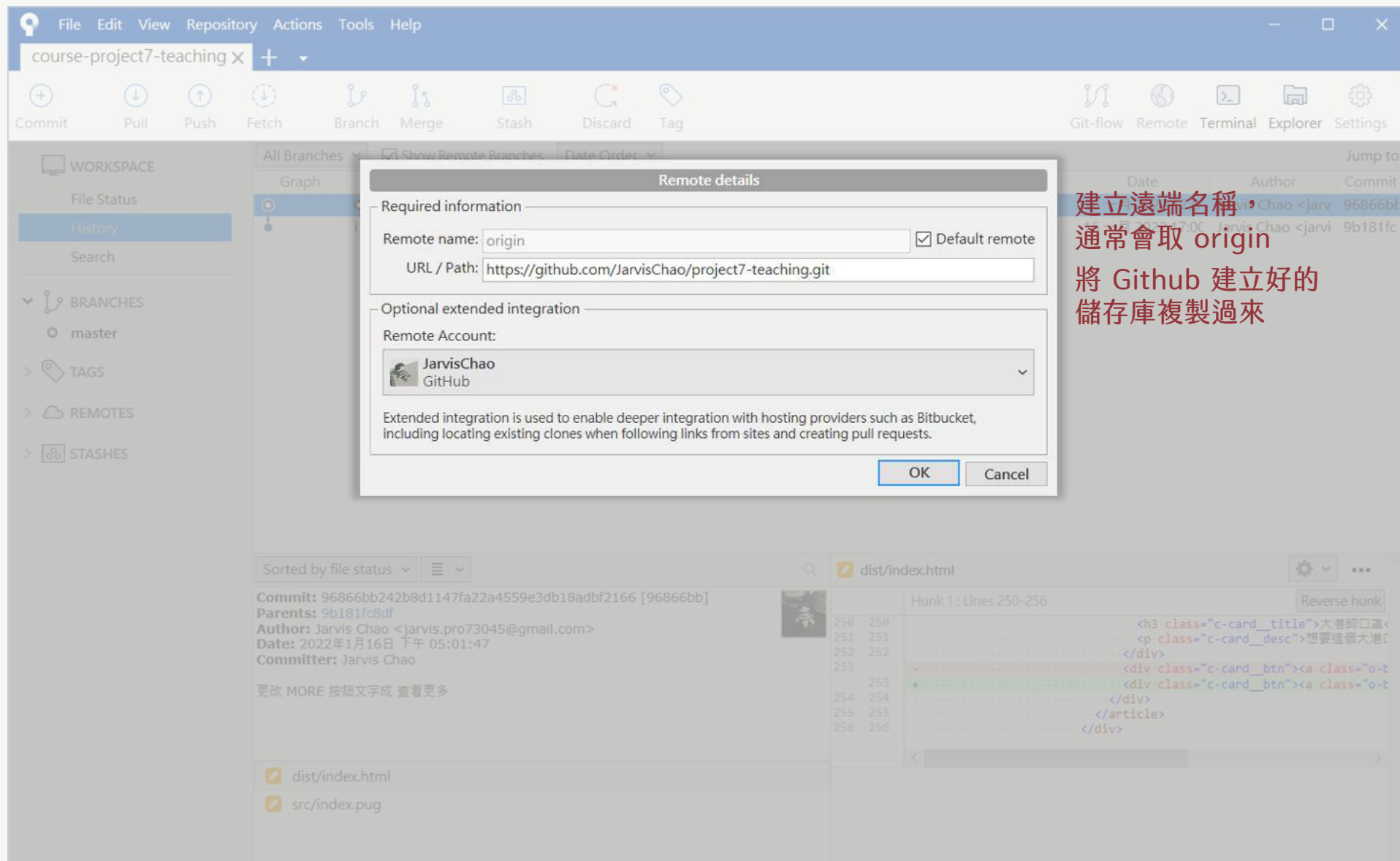


# Sourcetree 連結遠端庫





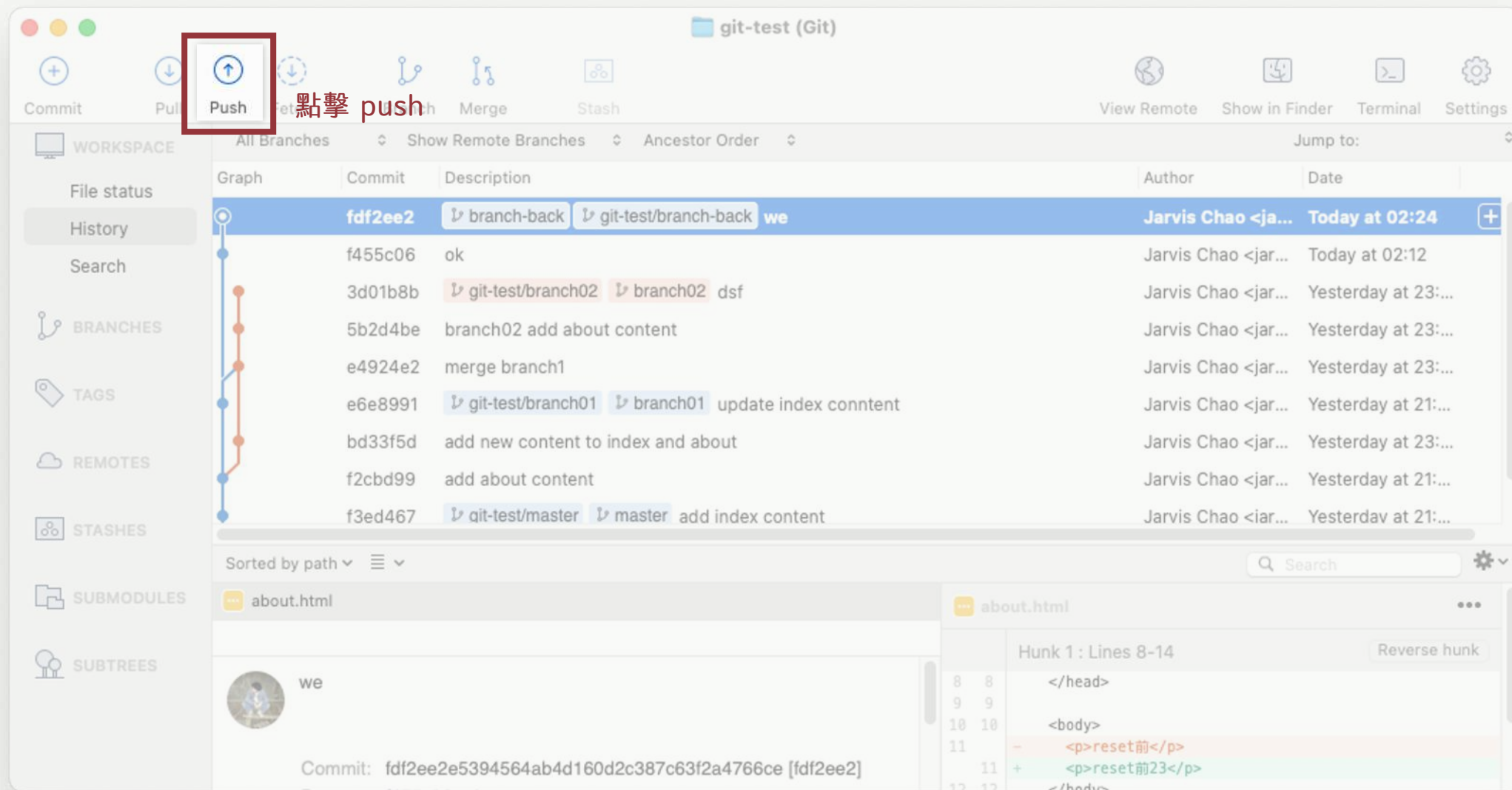
# Sourcetree 連結遠端庫



建立遠端名稱，  
通常會取 origin

將 Github 建立好的  
儲存庫複製過來

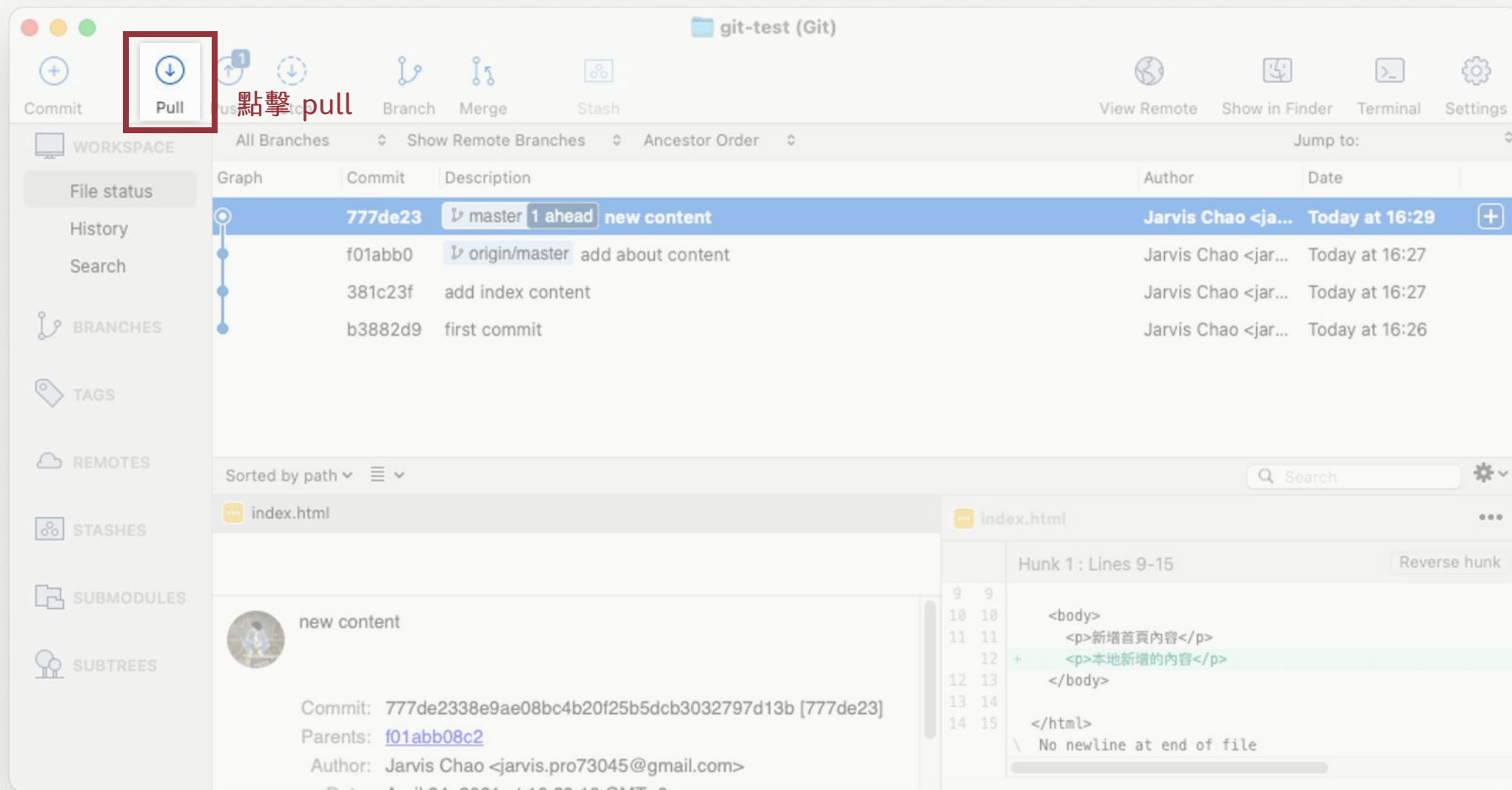
# Sourcetree (push)



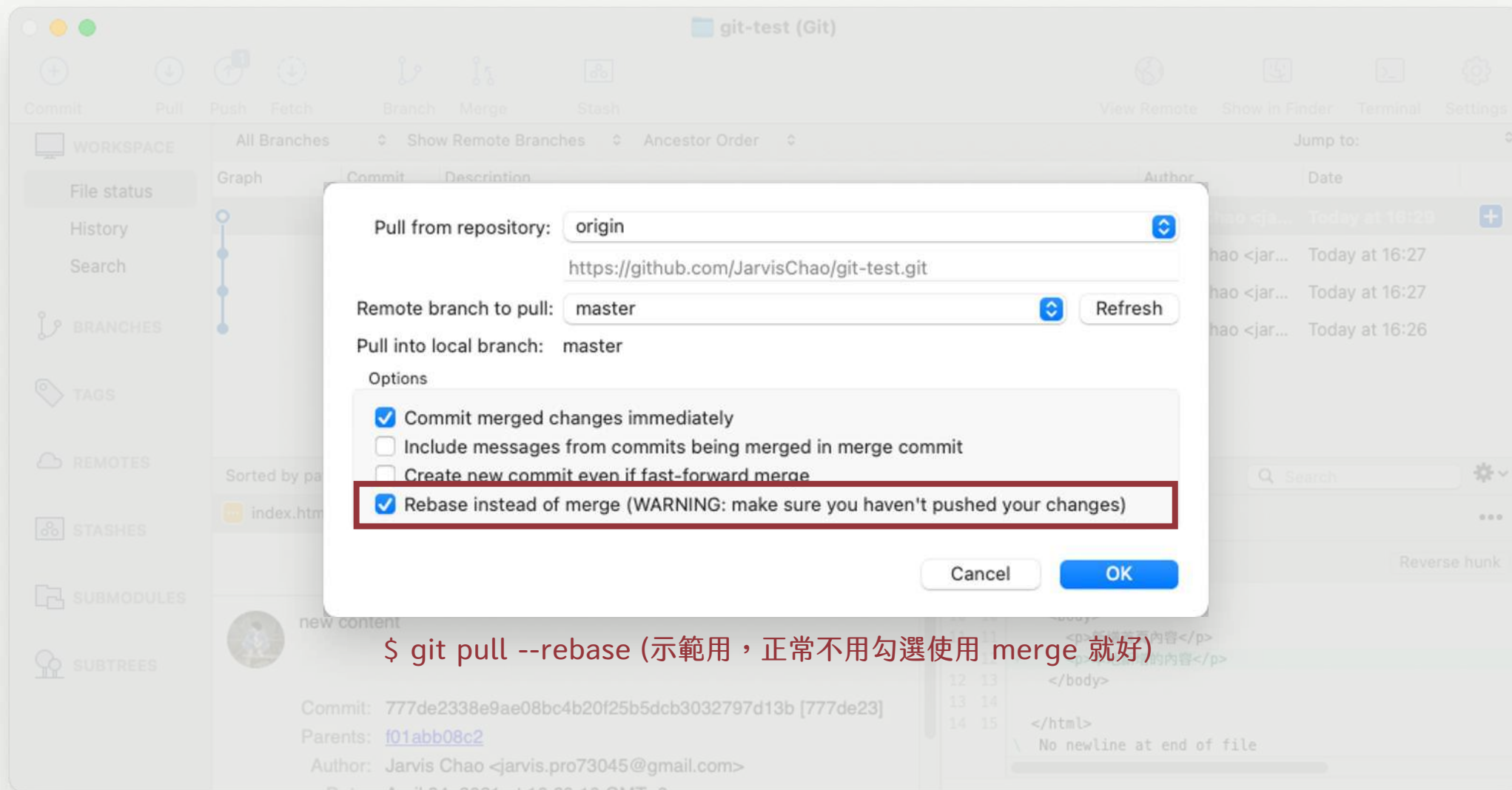


Push 時發生衝突

# Sourcetree (pull)



# Sourcetree (pull)



\$ git pull --rebase (示範用，正常不用勾選使用 merge 就好)

# Sourcetree (pull)

The screenshot shows the Sourcetree application window for a repository named 'git-test (Git)'. The interface includes a top toolbar with icons for Commit, Pull, Push, Fetch, Branch, Merge, and Stash. A sidebar on the left contains navigation options: WORKSPACE, File status, History, Search, BRANCHES, TAGS, REMOTES, STASHES, SUBMODULES, and SUBTREES. The main panel displays a commit history table with columns for Graph, Commit, Description, Author, and Date. The current commit, 824b4ba, is highlighted in blue and marked as '1 ahead' of the origin/master branch. Below the commit list, the file 'index.html' is selected, and its content is shown in a diff view. The diff view highlights a hunk of code (Lines 9-15) that has been added to the local branch. A red text overlay in the center of the screen reads 'Pull 後以 Rebase 疊至遠端資料上'.

Graph	Commit	Description	Author	Date
	824b4ba	new content	Jarvis Chao <ja...>	Today at 16:33
	5eeb235	Update about.html	JarvisChao <383...>	Today at 16:28
	f01abb0	add about content	Jarvis Chao <jar...>	Today at 16:27
	381c23f	add index content	Jarvis Chao <jar...>	Today at 16:27
	b3882d9	first commit	Jarvis Chao <jar...>	Today at 16:26

Pull 後以 Rebase 疊至遠端資料上

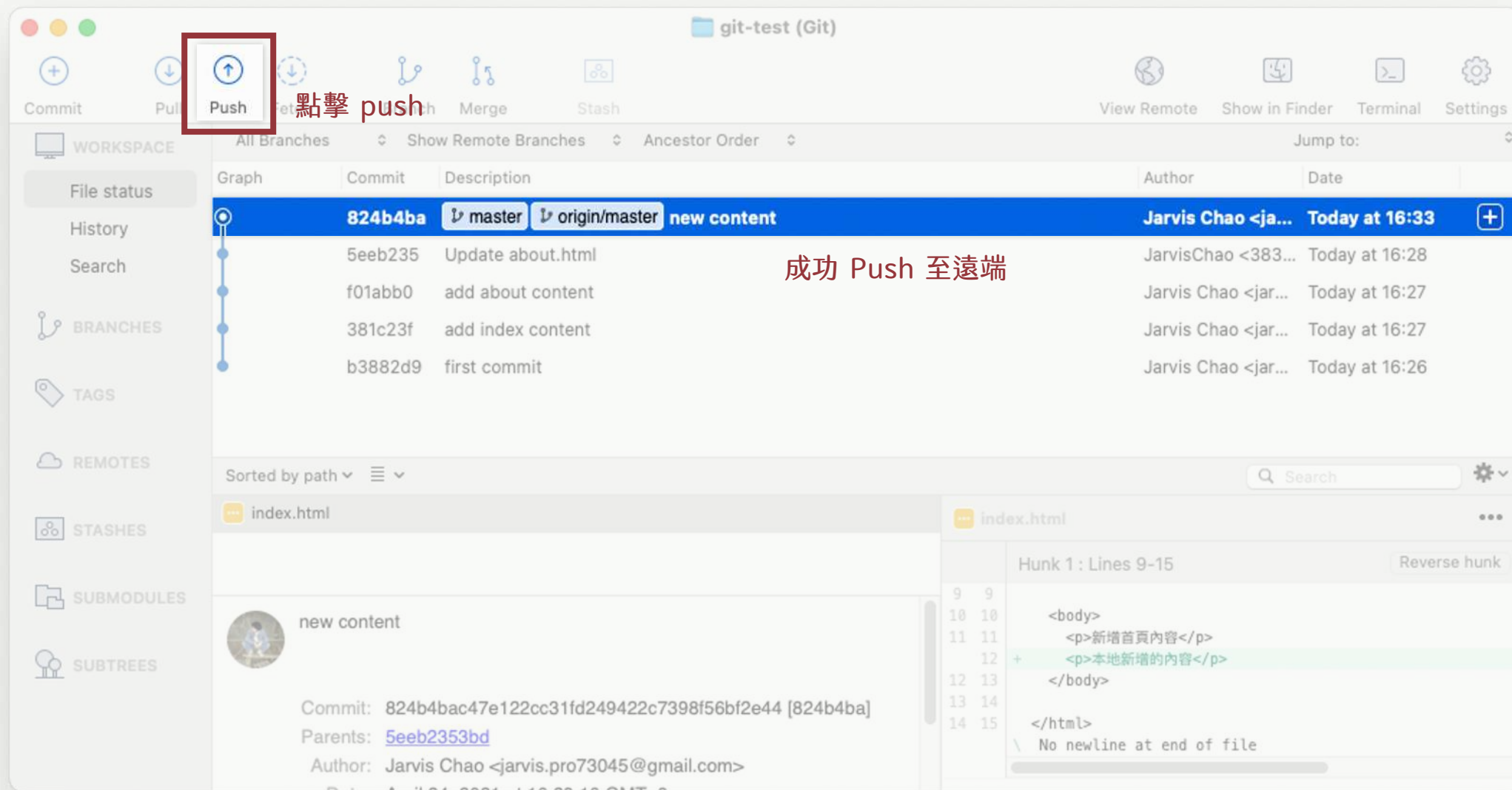
Commit: 824b4bac47e122cc31fd249422c7398f56bf2e44 [824b4ba]  
Parents: 5eeb235bd  
Author: Jarvis Chao <jarvis.pro73045@gmail.com>

Hunk 1 : Lines 9-15  
Reverse hunk

```
9 9  
10 10 <body>  
11 11 <p>新增首頁內容</p>  
12 + <p>本地新增的內容</p>  
12 13 </body>  
13 14  
14 15 </html>  
\\ No newline at end of file
```



# Sourcetree (push)



## Sourcetree ( 無法 push ? )

如遇到無法成功 push，可以將 Remote 的 URL / Path 更改為以下形式：

`https://[USERNAME]:[ACCESS_TOKEN]@github.com/[USERNAME]/[REPO].git`

Ex. `https://JarvisChao:輸入取得的金鑰@github.com/JarvisChao/project7.git`

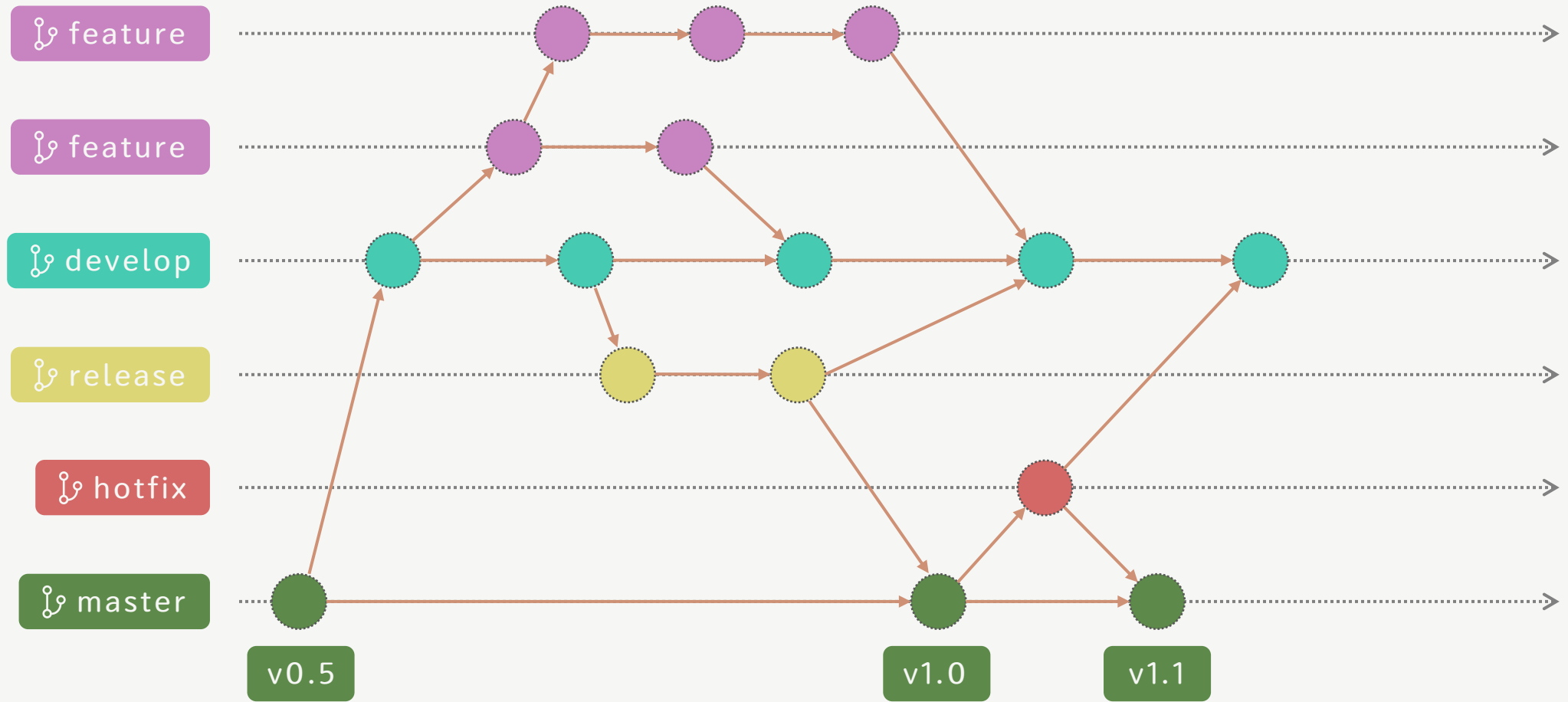


忽略檔案 .gitignore

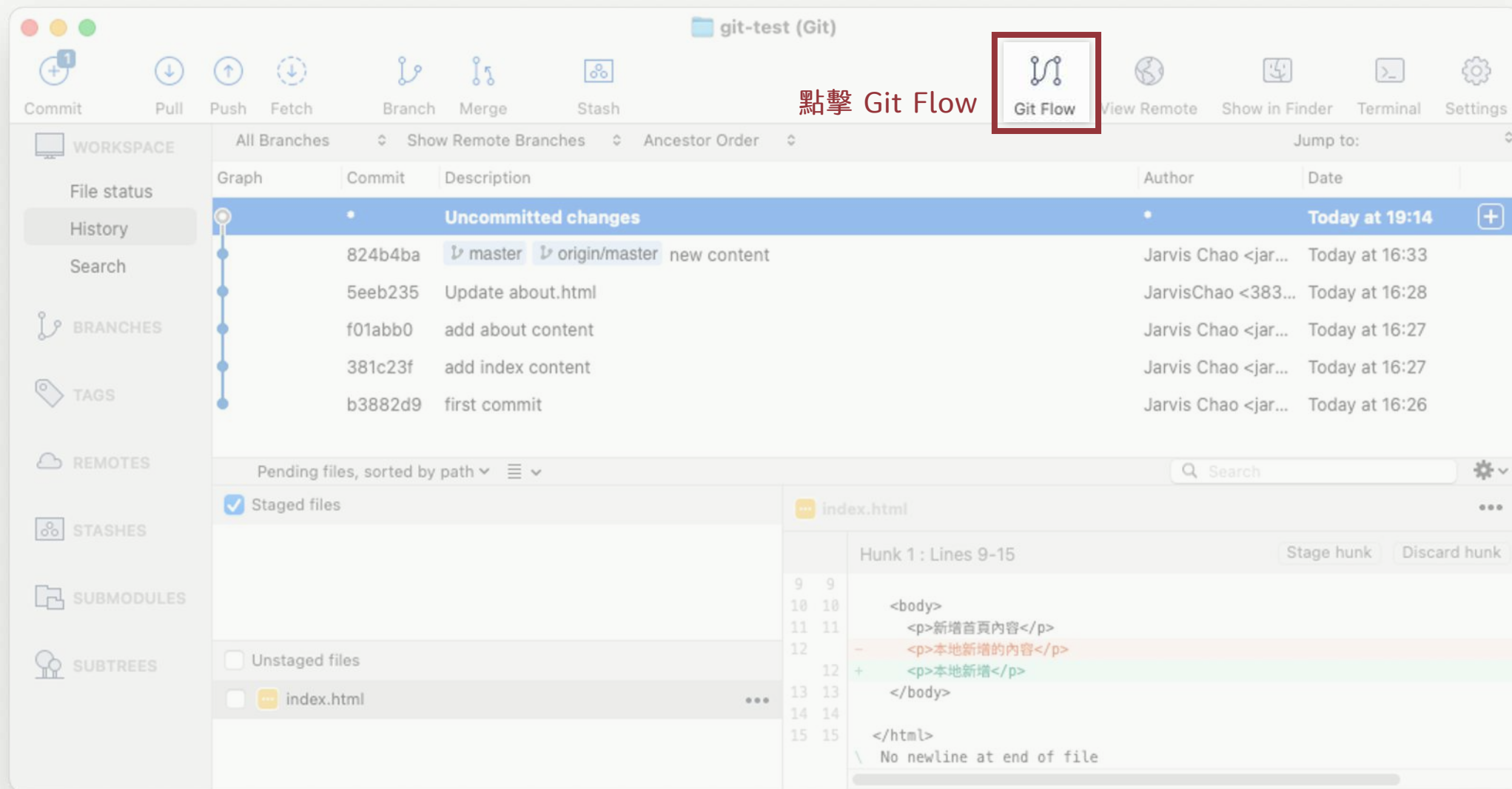
# Git Flow

使開發更好管理的 Git 流程

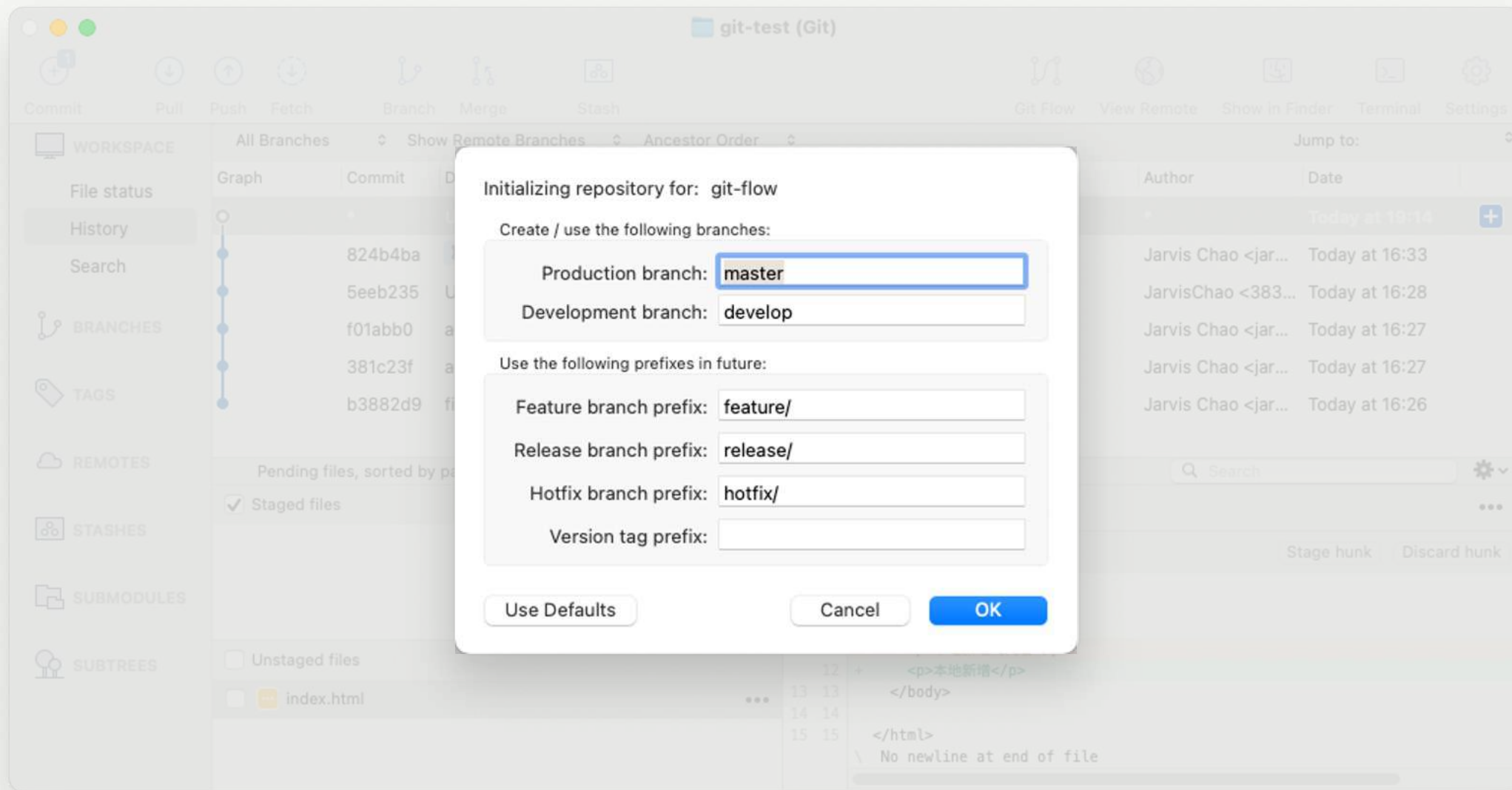
# Git Flow



# Sourcetree (git flow)



# Sourcetree (git flow)



# Sourcetree (git flow)

The screenshot displays the Sourcetree application window titled "git-test (Git)". The interface includes a top toolbar with icons for Commit, Pull, Push, Fetch, Branch, Merge, and Stash. Below this is a sidebar on the left with sections for WORKSPACE, BRANCHES, TAGS, REMOTES, STASHES, SUBMODULES, and SUBTREES. The BRANCHES section shows "develop" selected and highlighted with a red box. The main panel displays a commit history table with columns: Graph, Commit, Description, Author, and Date. The bottom panel shows a diff view for "index.html" with a hunk of code changes.

Graph	Commit	Description	Author	Date
	d3f3823	develop master 1 ahead oj	Jarvis Chao <ja...>	Today at 19:17
	824b4ba	origin/master new content	Jarvis Chao <jar...>	Today at 16:33
	5eeb235	Update about.html	JarvisChao <383...>	Today at 16:28
	f01abb0	add about content	Jarvis Chao <jar...>	Today at 16:27
	281c21f	add content	Jarvis Chao <jar...>	Today at 16:27
	b3882d9	first commit	Jarvis Chao <jar...>	Today at 16:26

Sorted by path

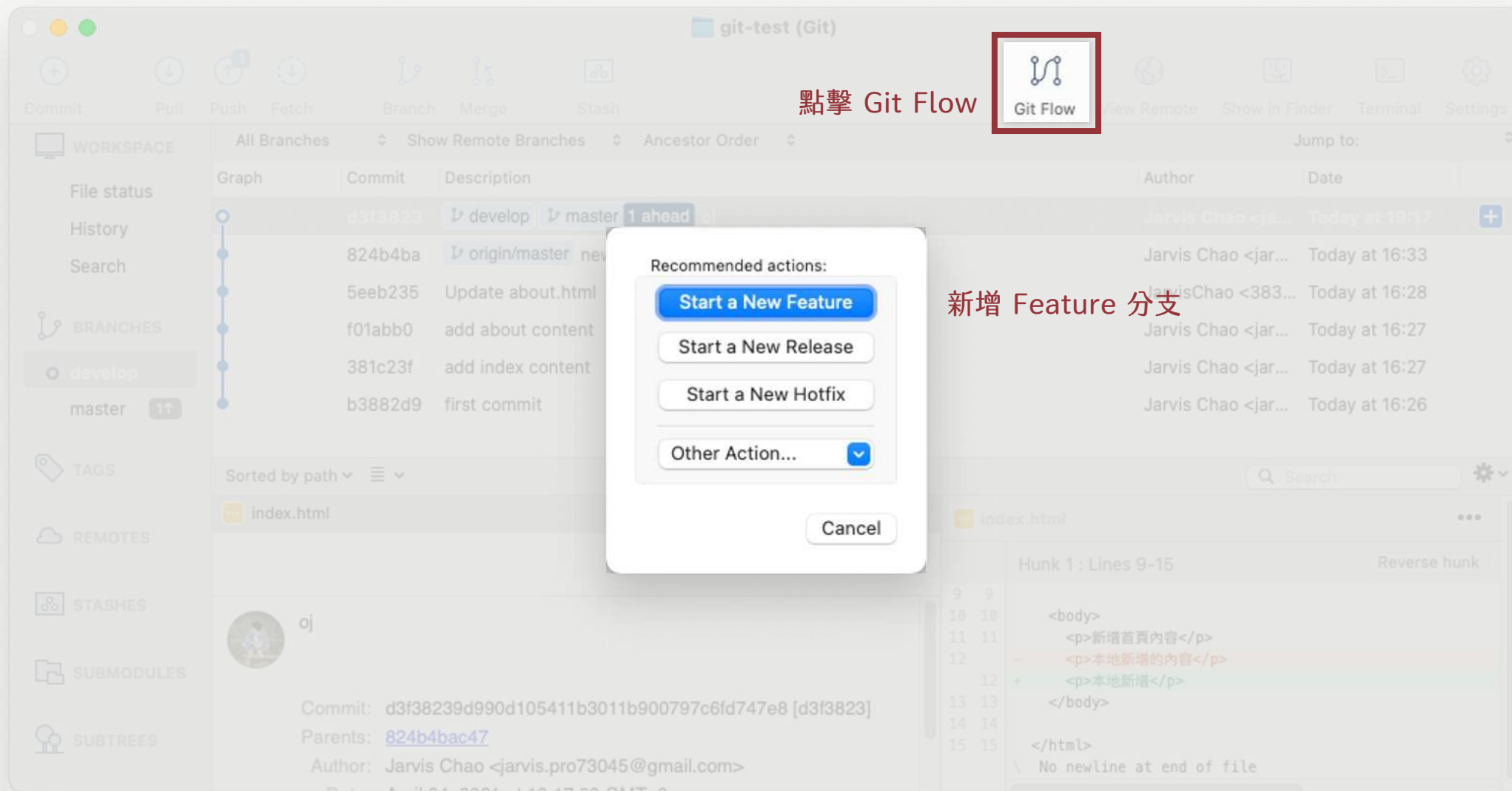
index.html

Hunk 1 : Lines 9-15

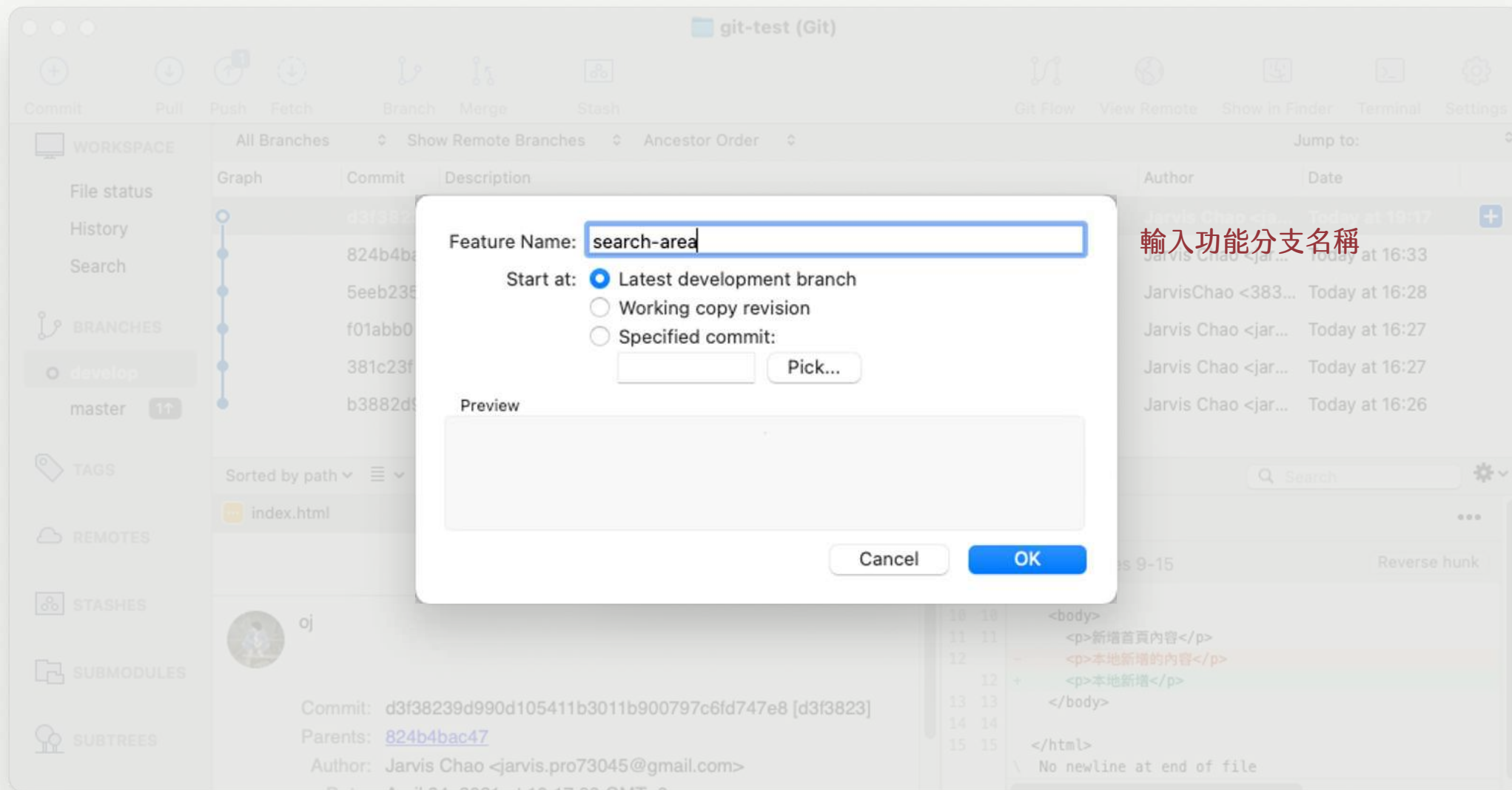
```
9 9
10 10 <body>
11 11 <p>新增首頁內容</p>
12 12 - <p>本地新增的內容</p>
12 12 + <p>本地新增</p>
13 13 </body>
14 14
15 15 </html>
\ No newline at end of file
```

Commit: d3f38239d990d105411b3011b900797c6fd747e8 [d3f3823]  
Parents: [824b4bac47](#)  
Author: Jarvis Chao <jarvis.pro73045@gmail.com>

# Sourcetree (git flow)



# Sourcetree (git flow)





# Sourcetree (git flow)

The screenshot shows the Sourcetree application window for a repository named 'git-test (Git)'. The interface includes a top toolbar with icons for Commit, Pull, Push, Fetch, Branch, Merge, and Stash. Below this is a navigation pane on the left with sections for WORKSPACE, BRANCHES, TAGS, REMOTES, STASHES, and SUBMODULES. The main area displays a commit list with columns for Graph, Commit, Description, Author, and Date. The current commit is 9465ab1 on the feature/search-area branch, described as 'new search', committed by Jarvis Chao at 19:19. A red text overlay states: '成功新增 feature/search-area 分支 並 commit 一次'. Below the commit list, the 'search.html' file is selected, showing its contents in a diff view. The commit details at the bottom show the commit hash 9465ab1dadb1e780160543d114575d03f1ba01a0 [9465ab1], parent d3f38239d9, and author Jarvis Chao <jarvis.pro73045@gmail.com>.

Graph	Commit	Description	Author	Date
●	9465ab1	feature/search-area new search	Jarvis Chao <ja...	Today at 19:19
●	d3f3823	master 1 ahead develop oj	Jarvis Chao <jar...	Today at 19:17
●	824b4ba	origin/master new content	Jarvis Chao <jar...	Today at 16:33
●	5eeb235	Update about.html	JarvisChao <383...	Today at 16:28
●	f01abb0	add about content	Jarvis Chao <jar...	Today at 16:27
●	381c23f	add index content	Jarvis Chao <jar...	Today at 16:27
●	b3882d9	first commit	Jarvis Chao <jar...	Today at 16:26

Sorted by path

search.html

new search

Commit: 9465ab1dadb1e780160543d114575d03f1ba01a0 [9465ab1]  
Parents: d3f38239d9  
Author: Jarvis Chao <jarvis.pro73045@gmail.com>

File contents

```
1 + <!DOCTYPE html>
2 + <html lang="en">
3 + <head>
4 +   <meta charset="UTF-8">
5 +   <meta http-equiv="X-UA-Compatible" content="IE=edge"
6 +   <meta name="viewport" content="width=device-width, i
7 +   <title>Document</title>
8 + </head>
9 + <body>
10 +
```