

Github的使用

Github是什麼？


各位有聽過Github嘛？
覺得Github是什麼？

Github是什麼？

Github
可以放程式的地方

Github是什麼？

放程式的地方




JuFengWu

I am robotic engineer in Techman Robot.
After working, I like writing some code
and traveling.

Edit profile

6 followers · 4 following

Achievements



Overview Repositories 19 Projects Packages Stars 2

Pinned Customize your pins

techman_robot_ros Public

techman robot ros simulator for kinetic and melodic

C++ 1 1

techman_robot_grasp_ros2 Public

this is ros2 demo by using techman robot and robotiq gripper

C++ 8 3

tm_robot_ros2_ros1_bridge Public

this is techman_robot_grasp_ros2 ros1 bridge

C++

cpp_examples Public

cpp_examples

C++

ros2_basic_test_and_example Public

this is a basic example and test for ros2

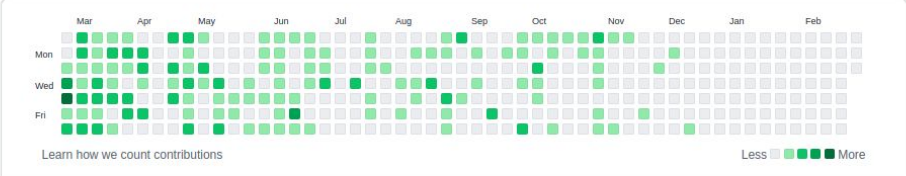
C++ 2

ros1_test Public

this is ros1 test codes

C++

263 contributions in the last year Contribution settings



Learn how we count contributions

Less More

Contribution activity

2022

為什麼要把程式給大家看？

老闆想要錄取的人

1. 來自名校 = 聰明 + 學的很快
2. 本科出生 = 即戰力 + 可以快速上手 + 不用再花時間學

那如果不是上述兩種人怎麼辦？

證明自己很便宜？ -> 薪水低

證明自己很強？ -> 說的天花亂墜 -> 我們要找工程師不是業務

用你的作品說話

A: 我會python、影像處理、爬蟲、數莓派

B: 下面是我的作品，我在數莓派上利用影像處理找出貓咪、再用爬蟲找資料庫，最後做出貓咪心情的作品，所有Python程式都放在github上

你會錄取誰？

想要高薪水 + 增加錄取率

老闆要可以一打多+快速上手的人
Github是可以展現自己實力的地方

下載別人的東西

既然是放程式碼的地方，那我要怎麼取？

下載方式有兩個：

1. 下載ZIP
2. 直接用git抓取

下載別人的程式 - 以libmodbus為例

stephane / libmodbus Public Sponsor Watch 211

<> Code Issues 92 Pull requests 73 Actions Projects 1 Wiki Security Insights

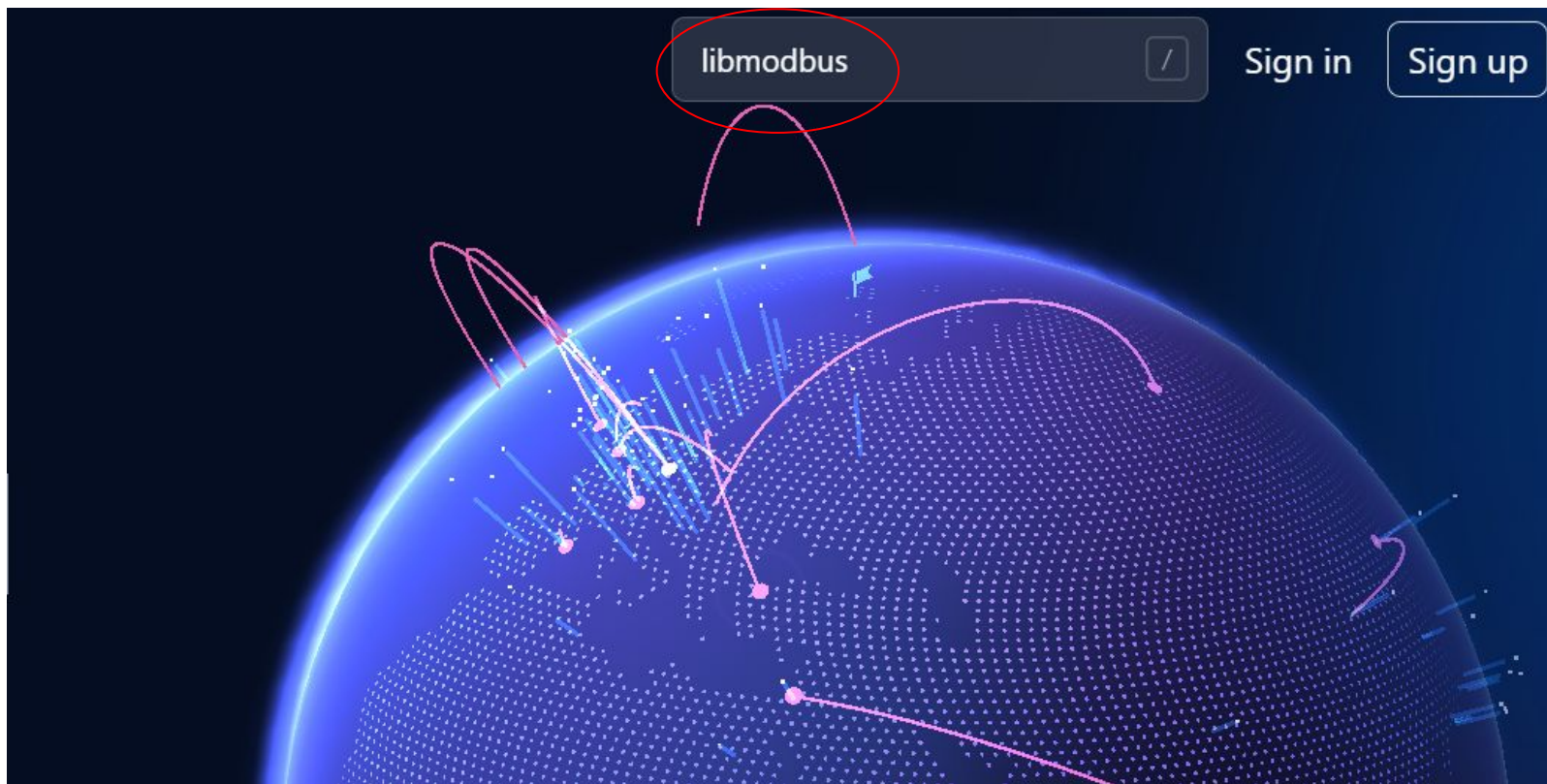
master 9 branches 29 tags Go to file Add file Code

ndunks and stephane Make sub-command more clear a2e0e45 16 days ago 798 commits

folder	.github	Add FUNDING.yml	5 months ago
folder	doc	Fix typo on connection (closes #586).	last month
folder	m4	Fix m4 warnings from autotools	9 years ago
folder	src	Fix float endianness issue on big endian architecture.	16 days ago
folder	tests	Make sub-command more clear	16 days ago
file	.appveyor.yml	Add appveyor.com config	3 years ago
file	.clabot	Add rm5248 to .clabot	last month

libmodbus是自動控制用的程式碼

要如何找到想要的內容?



要如何找到想要的內容?

Repositories	173
Code	?
Commits	11K
Issues	1K
Discussions	1
Packages	4
Marketplace	0
Topics	2
Wikis	120
Users	0

173 repository results



[stephane/libmodbus](#)

A Modbus library for Linux, Mac OS, FreeBSD and Windows



c

automation

modbus

libmodbus



2.1k



C

LGPL-2.1 license

Updated 2 days ago



[tuxnsk/nodejs_libmodbus](#)

libmodbus binding for nodejs



38



C++

Updated on 30 Apr 2017



[LarsJK/ObjectiveLibModbus](#)

Objective-C wrapper for the **libmodbus** library (<http://libmodbus.org/>)



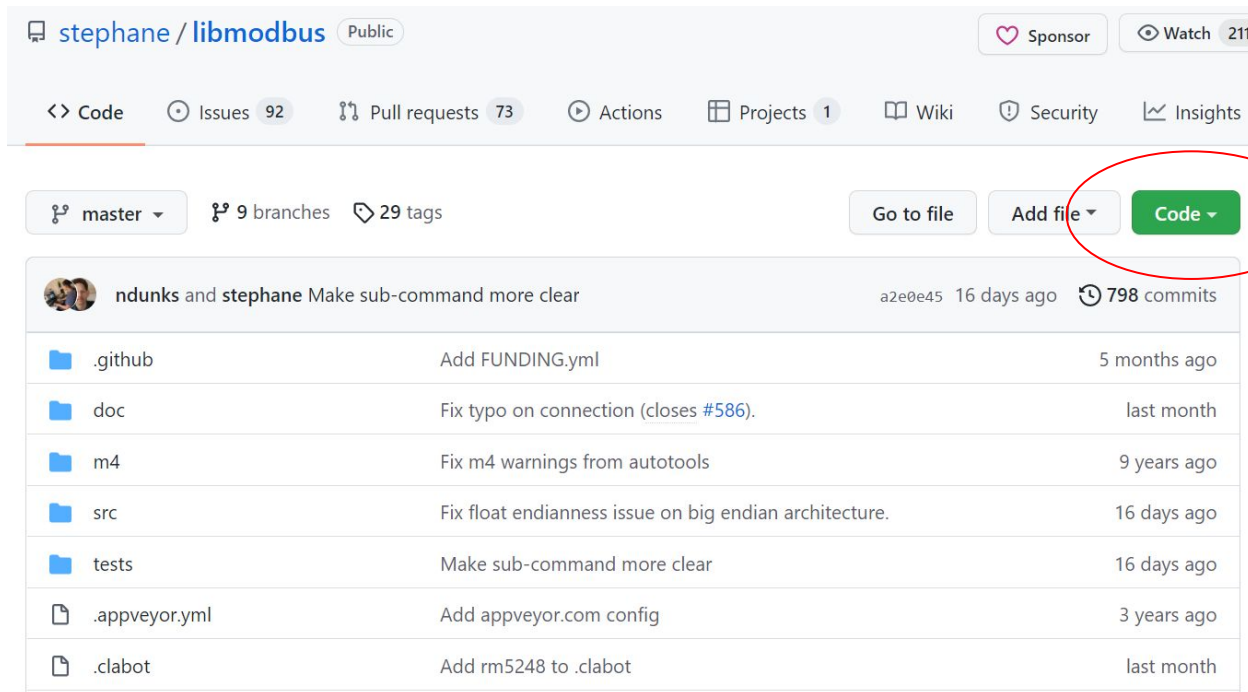
35



Objective-C

Updated on 25 Aug 2016

下載別人的程式 - 以libmodbus為例



stephane / libmodbus Public

Sponsor Watch 211

<> Code Issues 92 Pull requests 73 Actions Projects 1 Wiki Security Insights

master 9 branches 29 tags

Go to file Add file Code

ndunks and stephane Make sub-command more clear a2e0e45 16 days ago 798 commits

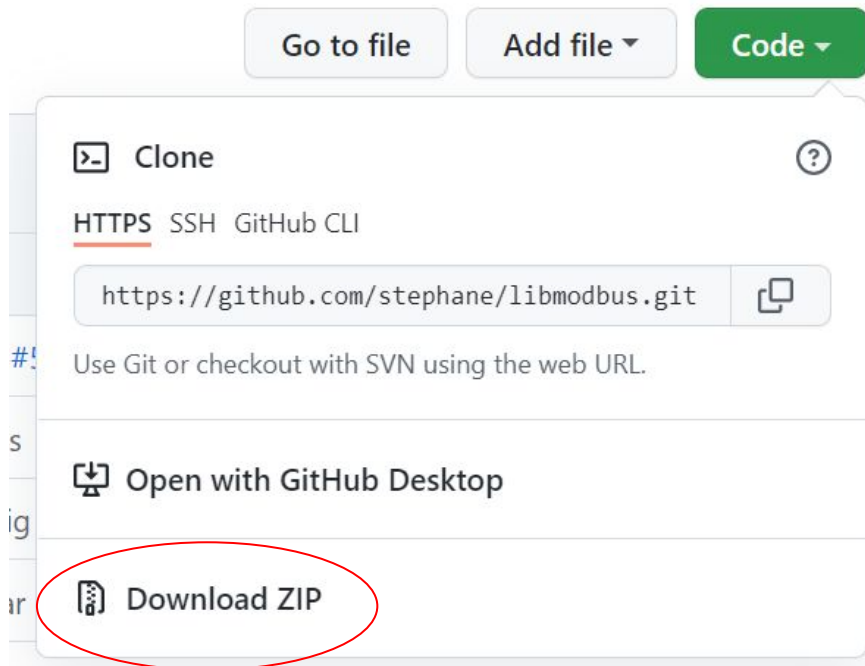
.github	Add FUNDING.yml	5 months ago
doc	Fix typo on connection (closes #586).	last month
m4	Fix m4 warnings from autotools	9 years ago
src	Fix float endianness issue on big endian architecture.	16 days ago
tests	Make sub-command more clear	16 days ago
.appveyor.yml	Add appveyor.com config	3 years ago
.clabot	Add rm5248 to .clabot	last month

點我

還沒找到嗎？

<https://github.com/stephane/libmodbus>

下載別人的程式 - 以Zip下載



下載成ZIP好簡單

下載後的位置

★ 快速存取

桌面

↓ 下載

文件

圖片

24二改

20220823三改

20220824改中文

git

OneDrive - Personal

本機

3D 物件

↓ 下載

名稱

修改日期

類型

✓ 今天 (1)



object_orient_example-master.zip

2022/9/11 上午 11:45

壓縮的 (zi

✓ 上週 (3)



20220824改中文

2022/8/24 下午 00:40

應用程式

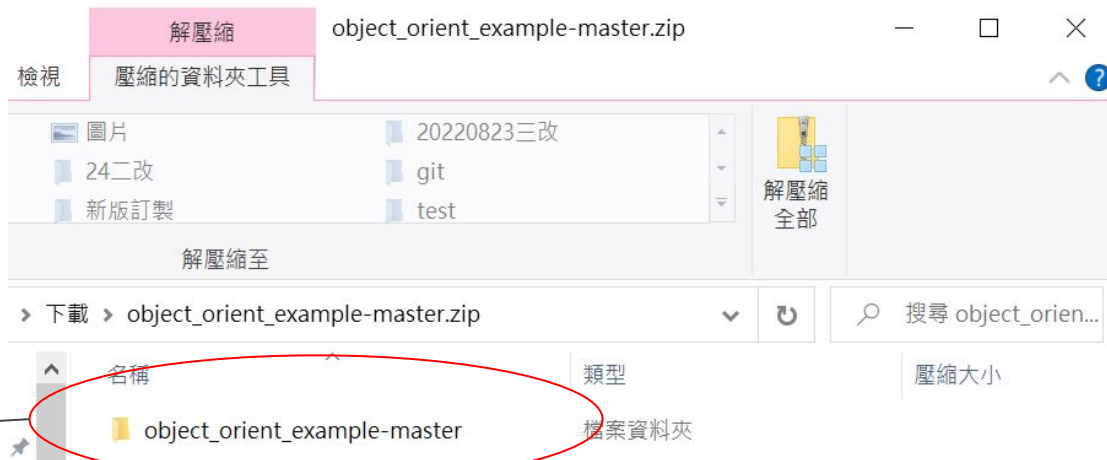
下載後的檔案在這裡

點擊“下載”

把檔案從zip取出來

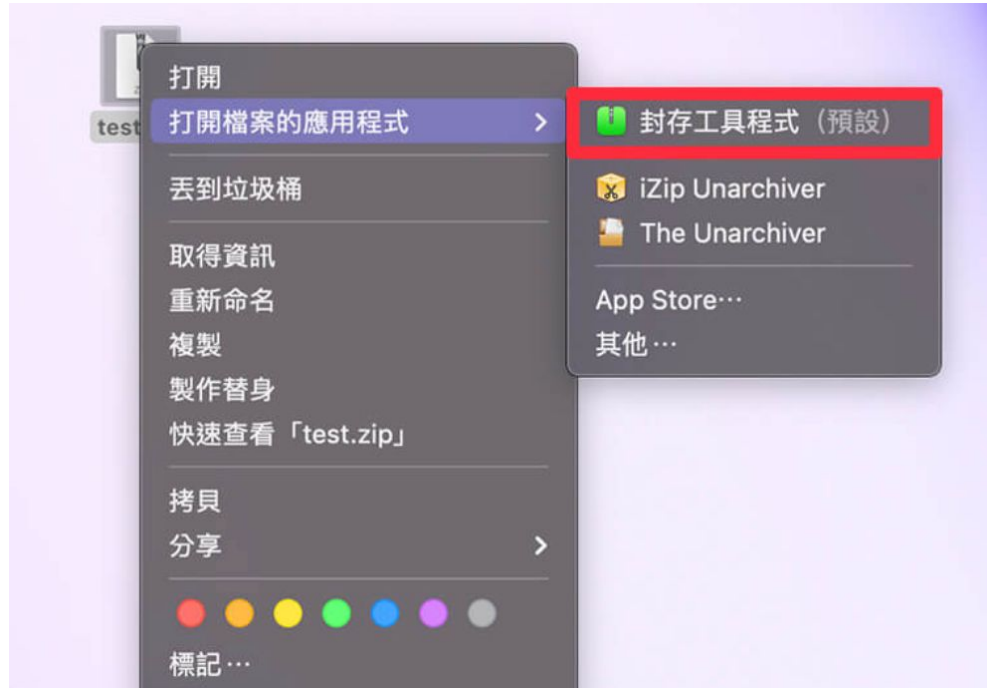
名稱	修改日期	類型
今天 (1)		
 object_orient_example-master.zip	2022/9/11 上午 11:45	壓縮的 (zipper)
上週 (3)		
 ...	2022/9/10 下午 00:10	應用程式

點擊檔案



拖曳到桌面就
可以了

狀況題 mac要怎麼解壓縮zip

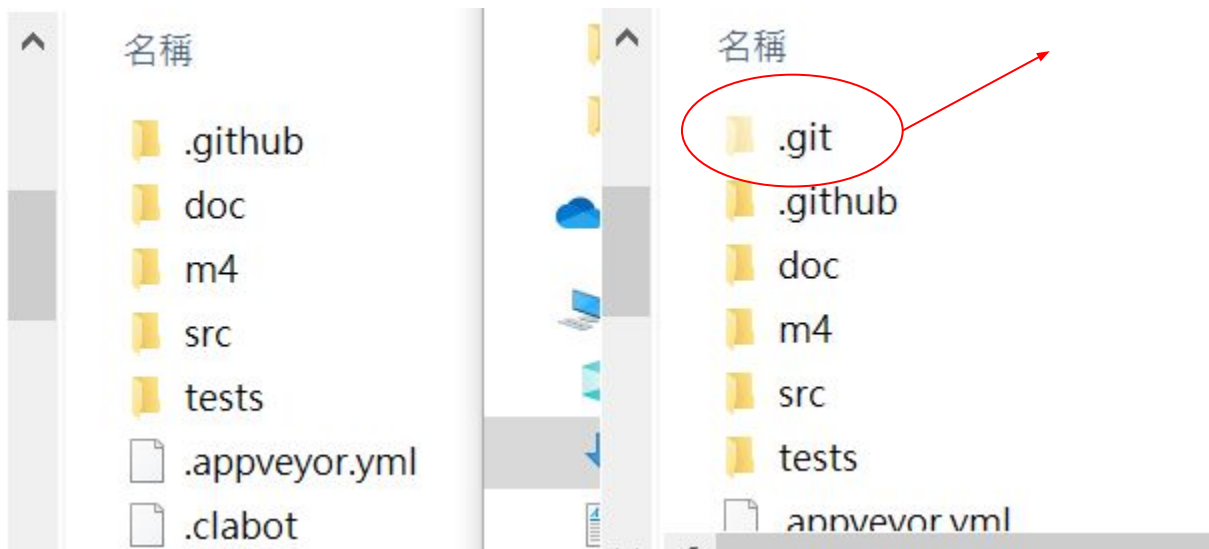


windows 直接點兩下，把檔案搬出來就可以了

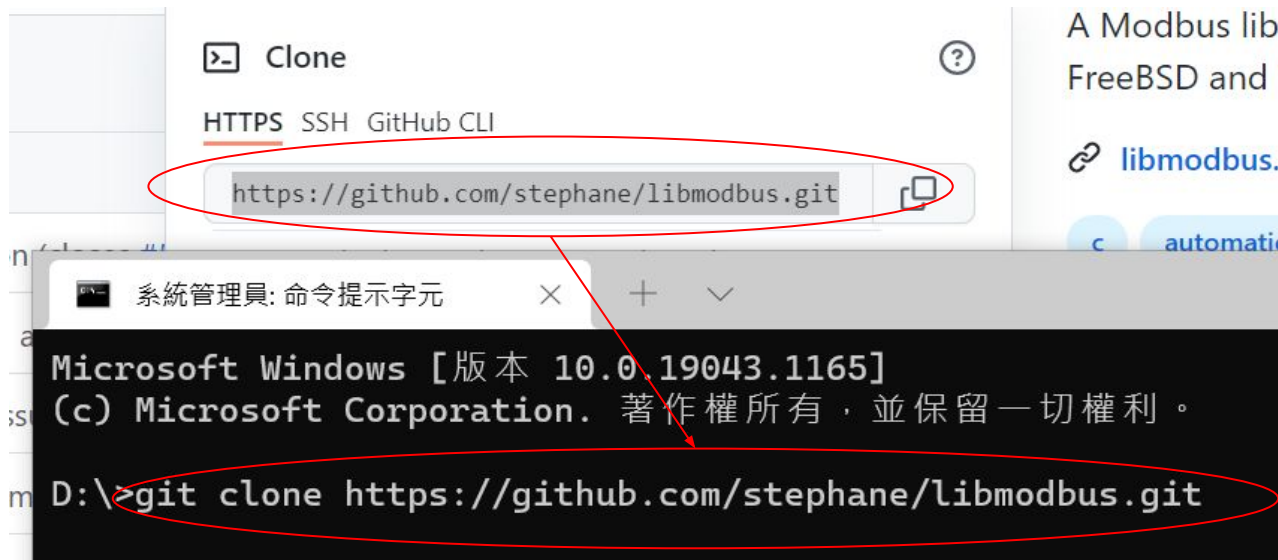
但是，不建議使用ZIP下載

因為沒有版本資訊

ZIP下載沒有這一個



所以，我們還是乖乖用git下載吧



git clone XXXX

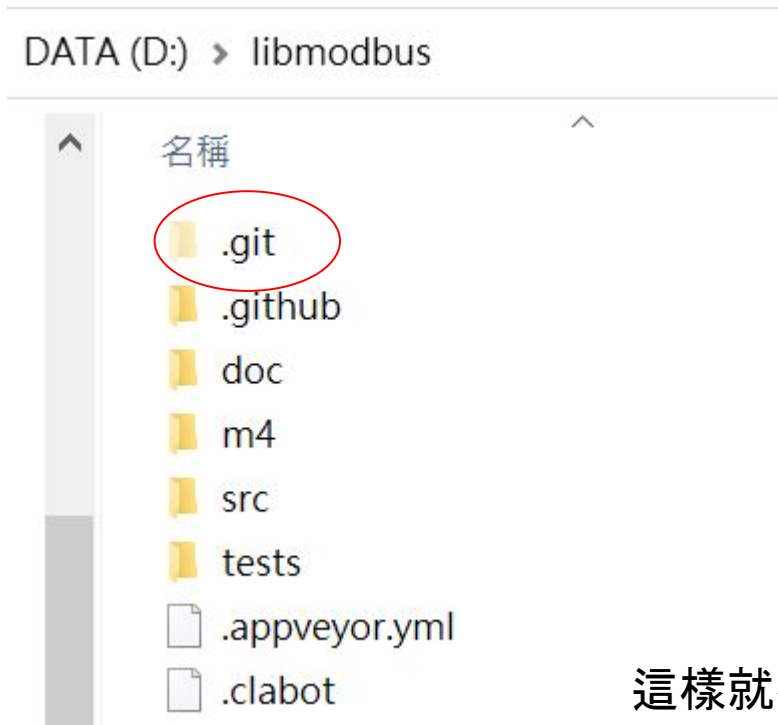
用git下載

```
D:\>git clone https://github.com/stephane/libmodbus.git
Cloning into 'libmodbus'...
remote: Enumerating objects: 4744, done.
remote: Counting objects: 100% (142/142), done.
remote: Compressing objects: 100% (91/91), done.
remote: Total 4744 (delta 78), reused 99 (delta 49), pack-reused 4602
Receiving objects: 100% (4744/4744), 1.59 MiB | 5.58 MiB/s, done.
Resolving deltas: 100% (3208/3208), done.
```

等他跑到done吧

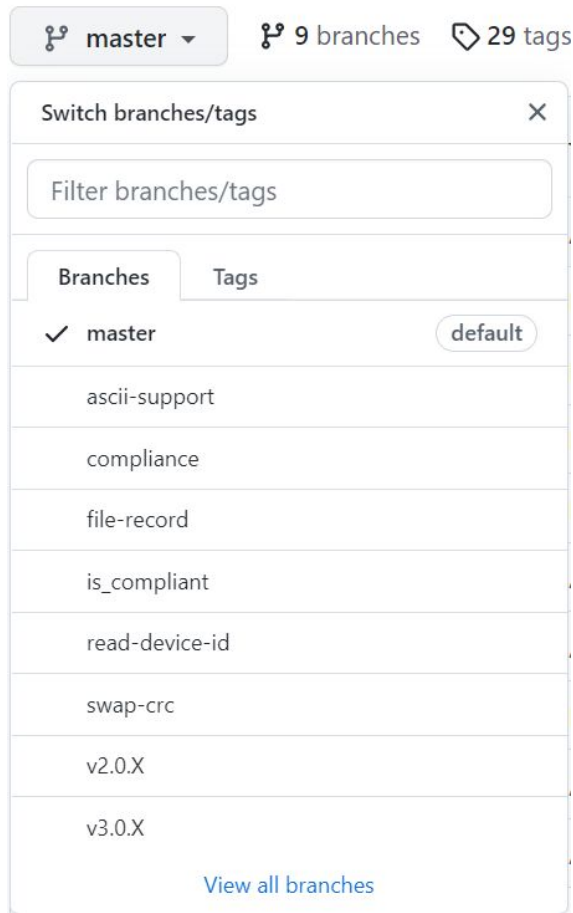
用git下載

會出現.git資料夾



這樣就有完整的版本

切換遠端分支



少了很多分支

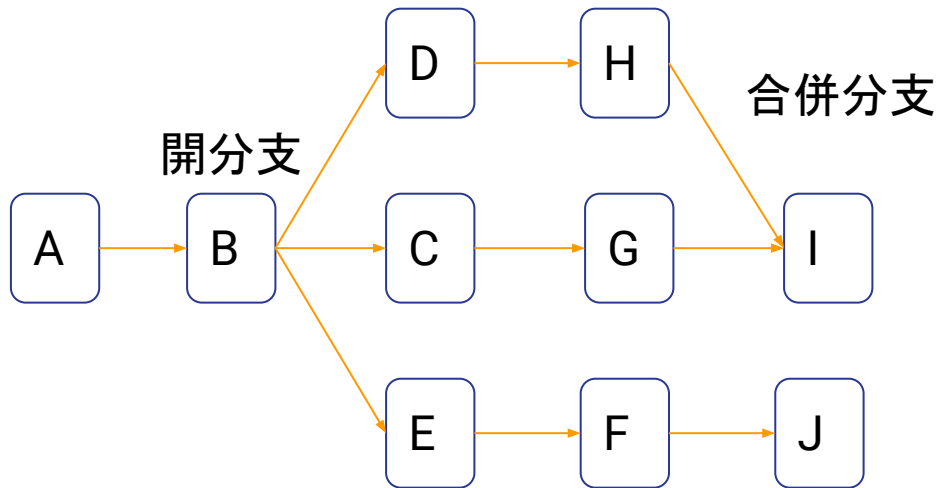


```
D:\>cd ./libmodbus  
  
D:\libmodbus>git branch  
* master
```

還記得分支是甚麼嗎？

git 分支複習

1. 修改記錄的流程分開儲存
2. 分開的分支不受其他分支的影響



git 分支複習 - 指令

建立分支 -> `git branch <branch_name>`

切換分支 -> `git checkout <branch_name>`

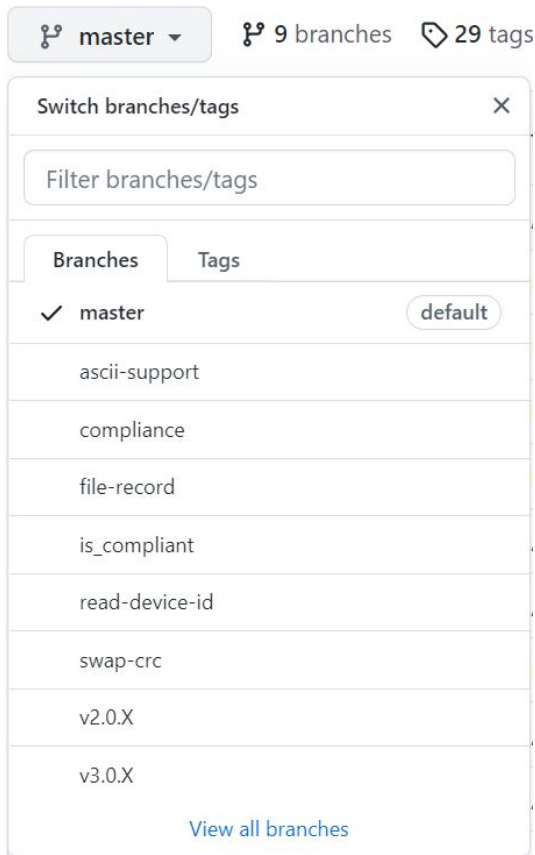
合併分支 -> `git merge <branch_name>`

刪除分支 -> `git branch -d <branch_name>`

應該喚起大家的記憶了吧?

首先，我們先看看遠端有哪一些分支

你可以從github網站上看



如果自己架設git server的話

你可以用指令來看

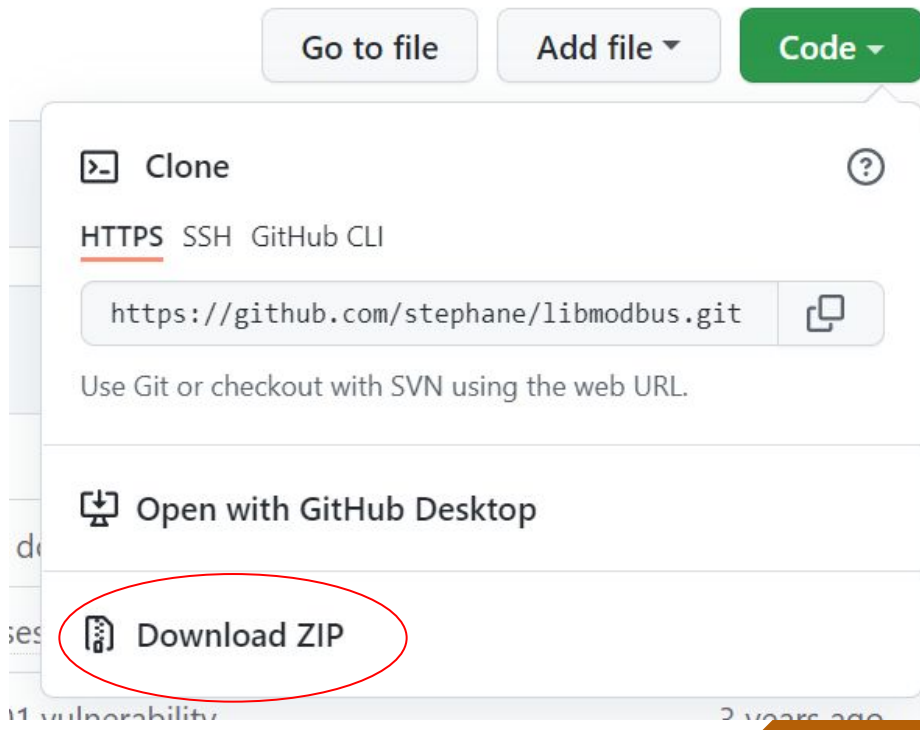
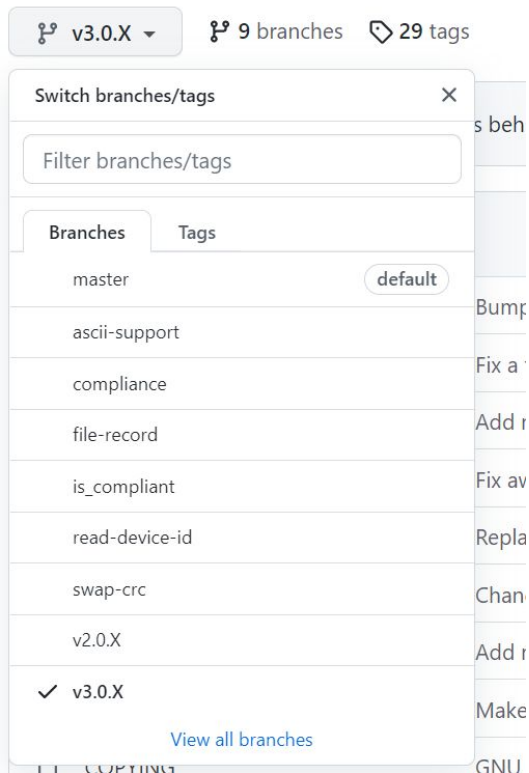
```
$ git branch -a
* master
remotes/origin/HEAD -> origin/master
remotes/origin/ascii-support
remotes/origin/compliance
remotes/origin/file-record
remotes/origin/is_compliant
remotes/origin/master
remotes/origin/read-device-id
remotes/origin/swap-crc
remotes/origin/v2.0.X
remotes/origin/v3.0.X
```

分支名稱

下載遠端分支 - GUI

選擇要下載的分支

按下download zip



等等

download ZIP不是比較不佳？

孩子，你開竅了

下載遠端分支 - GUI

用指令的下載位置都一樣

The screenshot shows a GitHub repository interface. At the top, there are buttons for 'v3.0.X', '9 branches', and '29 tags'. Below these, a message states 'This branch is 46 commits ahead, 385 commits behind master.' The main content area displays a commit by 'stephane' titled 'Bump release to v3.0.8'. Below the commit, there are three files listed: 'debian' (Bump version to v3.0.6), 'doc' (Fix a typo for a function link in d), and 'm4' (Add missing m4 directory (closes)). On the right side, there is a 'Code' button. A dropdown menu is open from this button, showing options: 'Clone', 'Open with GitHub Desktop', and 'Download ZIP'. The 'Clone' option is selected, and a sub-menu is visible with 'HTTPS', 'SSH', and 'GitHub CLI' options. The 'HTTPS' option is selected, and the URL 'https://github.com/stephane/libmodbus.git' is displayed next to a copy icon. A red circle highlights the URL and the copy icon.

v3.0.X ▾ 9 branches 29 tags

Go to file Add file ▾ Code ▾

This branch is 46 commits ahead, 385 commits behind master.

stephane Bump release to v3.0.8

debian	Bump version to v3.0.6
doc	Fix a typo for a function link in d
m4	Add missing m4 directory (closes

Clone ⓘ

HTTPS SSH GitHub CLI

<https://github.com/stephane/libmodbus.git>

Use Git or checkout with SVN using the web URL.

Open with GitHub Desktop

Download ZIP

切換遠端分支 - 用指令

git checkout origin/<branch_name>

```
$ git checkout origin/v3.0.X
Note: switching to 'origin/v3.0.X'.

You are in 'detached HEAD' state. You can look around, make experimental
changes and commit them, and you can discard any commits you make in this
state without impacting any branches by switching back to a branch.

If you want to create a new branch to retain commits you create, you may
do so (now or later) by using -c with the switch command. Example:

    git switch -c <new-branch-name>

Or undo this operation with:

    git switch -

Turn off this advice by setting config variable advice.detachedHead to false

HEAD is now at 64a0ba2 Bump release to v3.0.8
```

切換遠端分支 - 用指令

這時來看一下分支

```
$ git branch  
* (HEAD detached at origin/v3.0.X)  
master
```

為甚麼要加上origin

git origin意義

1. origin表示遠端
2. 這時自己的分支內有master和遠端的v3.0.x這一支分支
3. HEAD表示現在在哪一個branch上

```
$ git branch
* (HEAD detached at origin/v3.0.X)
master
```

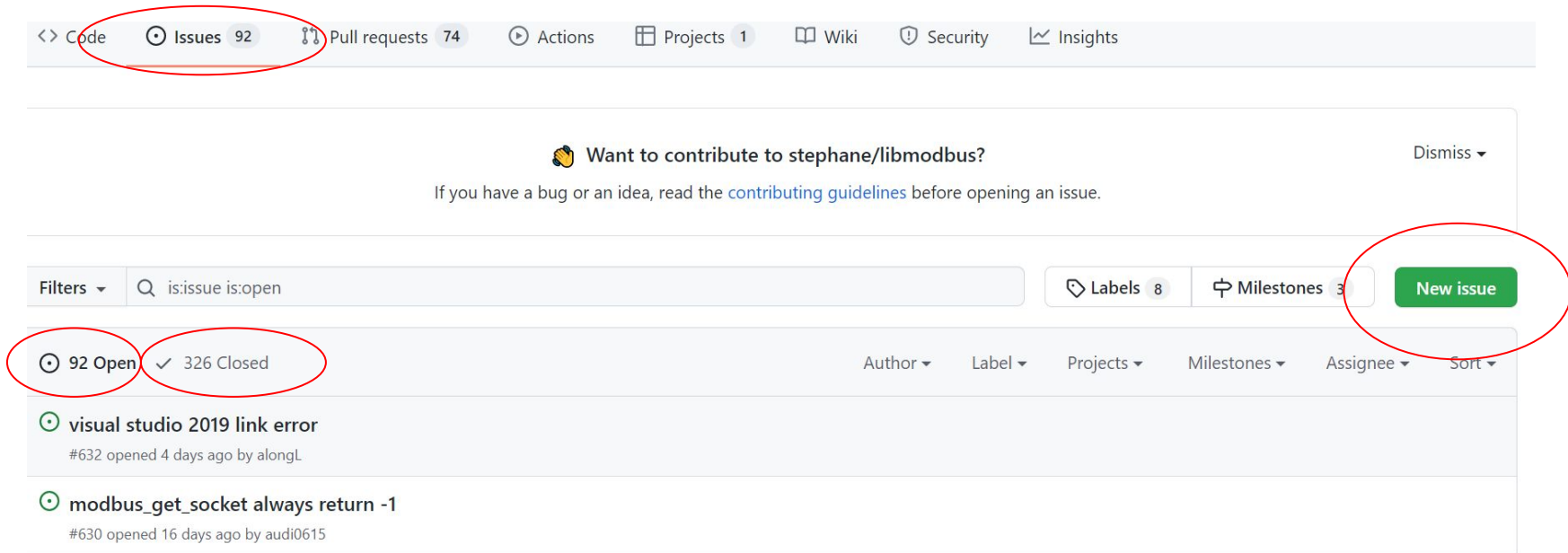

再切換到遠端的分支

會看到我們在v2.0.x的分支上

```
$ git checkout origin/v2.0.X  
Previous HEAD position was 64a0ba2 Bump release to v3.0.8  
HEAD is now at 5881e70 Bump version to 2.0.4
```

```
$ git branch  
* (HEAD detached at origin/v2.0.X)  
master
```

如果對這一個專案有問題



問題不一定會有人回應

你可以進去issue裡面問or爬文

小補充 - 提問的智慧

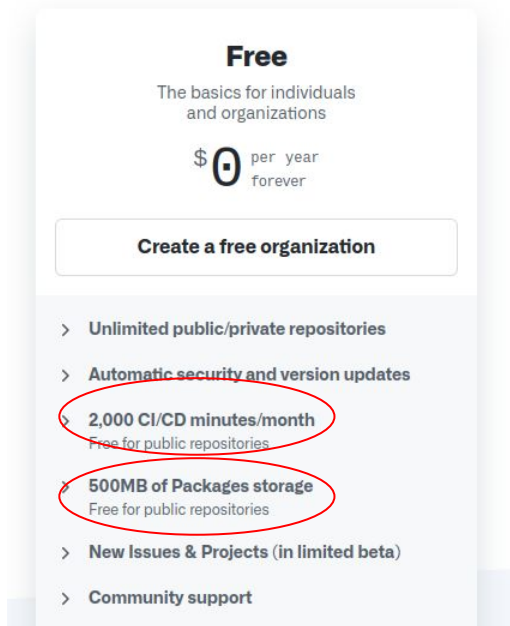
1. 先看過說明or爬文再問問題
2. 請清楚地問描述的你的問題 - 救我、很急、幫我 ->所以那個問題勒?
3. 請用正確文法 - 所以_{??}? 那個, , , 請問。。。->你在寫什麼?
4. 同上, 除非你很有把握, 使用英文可以善用文法檢查工具
5. 不要翻拍螢幕, 用螢幕截圖, 也善用github or gist (等一下會教)

<https://github.com/ryanhanwu/How-To-Ask-Questions-The-Smart-Way>

在創立自己的帳號之前

先看看免費版本限制

2000次CI/CD
一個倉庫500MB



The screenshot shows the GitHub Free pricing page. At the top, it says "Free" and "The basics for individuals and organizations". Below that, it says "\$0 per year forever". There is a button that says "Create a free organization". Below the button, there is a list of features: "Unlimited public/private repositories", "Automatic security and version updates", "2,000 CI/CD minutes/month" (circled in red), "500MB of Packages storage" (circled in red), "New Issues & Projects (in limited beta)", and "Community support".

- > Unlimited public/private repositories
- > Automatic security and version updates
- > 2,000 CI/CD minutes/month
Free for public repositories
- > 500MB of Packages storage
Free for public repositories
- > New Issues & Projects (in limited beta)
- > Community support

CI/CD ?

已經很夠使用了

<https://github.com/pricing>

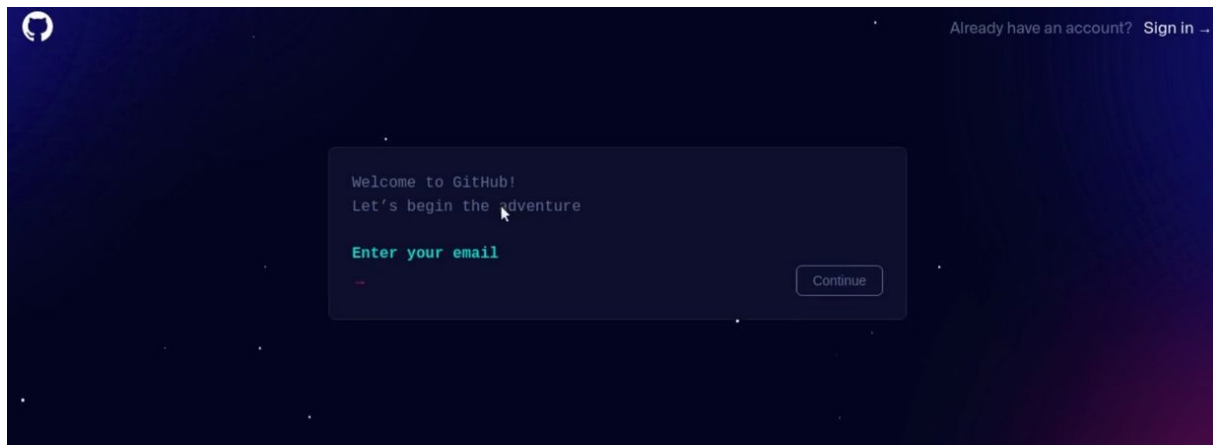
CI/CD ?

持續整合(Continuous Integration)持續發布(Continuous Delivery)的縮寫

持續交付 ->上傳程式之後就會自動幫你檢查錯誤


持續整合->上傳程式之後就會自動幫你整合

開始建立自己的Github帳號吧






<https://www.youtube.com/watch?v=tTvLI138ky4>

終於創建好自己的帳號了




[/](#) [Pull requests](#) [Issues](#) [Marketplace](#) [Explore](#)


  


Recent Repositories


New


Find a repository...


 JuFengWu/gem_cut_cnc_codes


 micro-ROS/micro_ros_raspberrypi_pico_sdk

 micro-ROS/micro_ros_setup

 JuFengWu/frost_generation

 JuFengWu/kaisha

 JuFengWu/JuFengWu.github.io


 JuFengWu/web_test

Show more

Recent activity



When you take actions across GitHub, we'll provide links to that activity here.


All activity

 jenhaoyang starred **thtrieu/darkflow** 22 hours ago

thtrieu/darkflow



Translate darknet to tensorflow. Load trained weights, retrain/fine-tune using tensorflow, export constant graph def to mobile devices


 Python  6k 9 issues need help Updated Feb 9


 jenhaoyang forked **jenhaoyang/decord** from **dmlc/decord** 3 days ago

dmlc/decord

An efficient video loader for deep learning with smart shuffling that's super easy to digest

 C++  849 1 issue needs help Updated Mar 8

 pangoro24 started following **danilop** 6 days ago





Our response to the war in Ukraine

GitHub is united with the people of Ukraine and the international community.



[Read more](#)

Explore repositories

ament/ament_index



 Python  3

eProsima/Integration-Service

 C++  42

eProsima/Micro-XRCE-DDS-Agent

Micro XRCE-DDS Agent repository

 C++  44

進入自己的帳號

Overview

Repositories 19

Projects

Packages

Stars 2

Pinned

Customize your pins



techman_robot_ros

Public



techman robot ros simulator for kinetic and melodic



C++



1



1



techman_robot_grasp_ros2

Public



this is ros2 demo by using techman robot and robotiq gripper



C++



8



3



tm_robot_ros2_ros1_bridge

Public



this is techman_robot_grasp_ros2 ros1 bridge



C++



cpp_examples

Public



cpp_examples



C++



ros2_basic_test_and_example

Public



this is a basic example and test for ros2



C++



2



ros1_test

Public



this is ros1 test codes

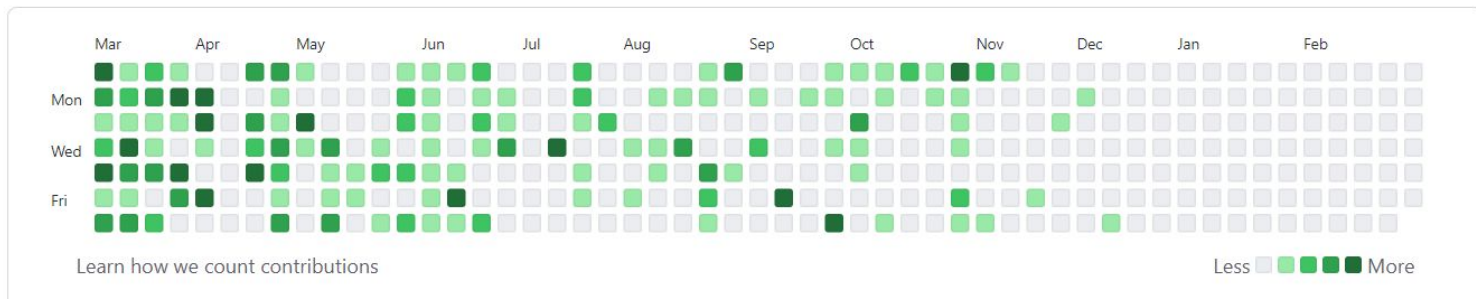


C++

帳號的貢獻

241 contributions in the last year

Contribution settings ▾



Contribution activity

March 2022

JuFengWu has no activity yet for this period.

[Show more activity](#)

Seeing something unexpected? Take a look at the [GitHub profile guide](#).

2022

2021

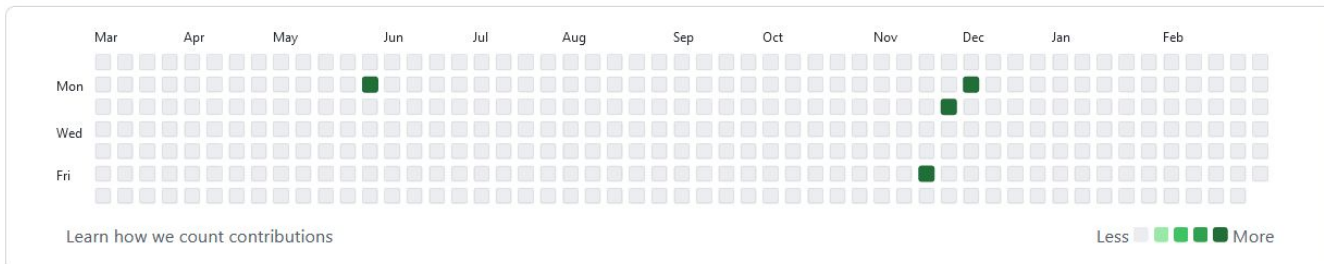
2020

2019

2018

帳號的貢獻

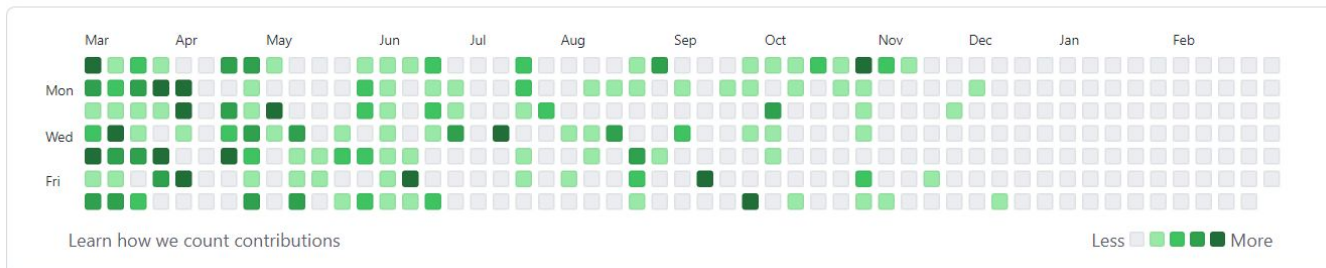
4 contributions in the last year



外面看

241 contributions in the last year

Contribution settings ▾



自己看

follow 其他人

就像FB加好友



JuFengWu

Follow

All activity



jenhaoyang starred **thtrieu/darkflow** yesterday

thtrieu/darkflow

☆ Star

Translate darknet to tensorflow. Load trained weights, retrain/fine-tune using tensorflow, export constant graph def to mobile devices

Python 6k 9 issues need help Updated Feb 9



jenhaoyang forked **jenhaoyang/decord** from **dmlc/decord** 3 days ago

dmlc/decord

☆ Star

An efficient video loader for deep learning with smart shuffling that's super easy to digest

C++ 849 1 issue needs help Updated Mar 8



pangoro24 started following **danilop** 6 days ago

Token

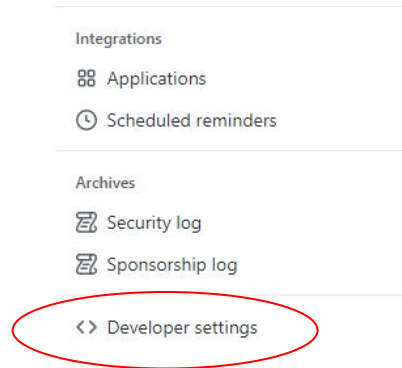
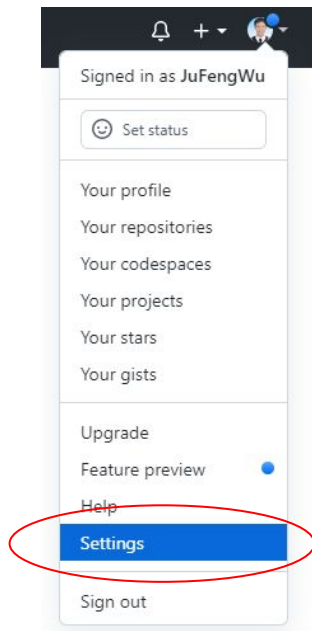
token是一組密碼

可以讓拿到這一組密碼的人特殊權限

小王: 可以上傳資料, 不能刪除檔案

我: 最高管理人, 都可以做

產生Github的token

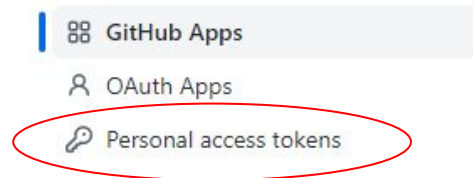


Location

All of the fields on this page :
out, you're giving us consent
our [privacy statement](#) to learn

Update profile

Profile settings



產生Github的token

Personal access tokens

Generate new token

Revoke all

Tokens you have generated that can be used to access the [GitHub API](#).

New personal access token

Personal access tokens function like ordinary OAuth access tokens. They can be used instead of a password for Git over HTTPS, or can be used to [authenticate to the API over Basic Authentication](#).

Note

for_test

What's this token for?

Expiration *

No expiration

The token will never expire!

GitHub strongly recommends that you set an expiration date for your token to help keep your information secure. [Learn more](#)

Select scopes

Scopes define the access for personal tokens. [Read more about OAuth scopes](#).

- | | |
|--|--------------------------------------|
| <input type="checkbox"/> repo | Full control of private repositories |
| <input type="checkbox"/> repo:status | Access commit status |
| <input type="checkbox"/> repo_deployment | Access deployment status |
| <input type="checkbox"/> public_repo | Access public repositories |

成功產生Token

Personal access tokens

[Generate new token](#)[Revoke all](#)

Tokens you have generated that can be used to access the [GitHub API](#).

`for_test` — `admin:enterprise, admin:gpg_key, admin:org, admin:org_hook, admin:public_key,`
`admin:repo_hook, delete:packages, delete_repo, gist, notifications, repo, user, workflow, write:discussion, write:packages`

Never used

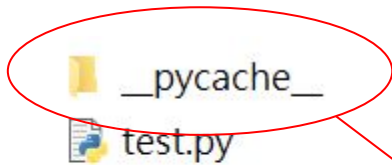
Delete

不小心洩漏可以刪除

Token不要給別人知道

gitignore







github內一個專案只有500mb
一些不需要的東西就不要放了




這不是程式碼


這時gitignore就是你的好朋友



建立gitignore檔案

 src	Fix float endianness issue on big endian archi
 tests	Make sub-command more clear
 .appveyor.yml	Add appveyor.com config
 .clabot	Add rm5248 to .clabot
 .editorconfig	Replace .dir-locals.el (Emacs) by .editorconfig
 .gitignore	Add .vscode/ to .gitignore

天下文章一大抄

 main ▾ [gitignore](#) / Python.gitignore

 **willfrey** Update Python.gitignore ...

 88 contributors  +65

152 lines (124 sloc) | 2.7 KB

```
1 # Byte-compiled / optimized / DLL files
2 __pycache__/
3 *.py[cod]
4 *$py.class
5
6 # C extensions
7 *.so
8
9 # Distribution / packaging
10 .Python
11 build/
12 develop-eggs/
13 dist/
```

會有哪一些東西不要放在github上

1. 編譯產生出來的執行檔
2. 電腦內的連結(.dll .so .lib .a .o)
3. Visual studio自動產生出來的東西

這一些東西的特色->檔案很大, 每次編譯都會不一樣

上傳自己的程式

來放自己的程式吧

Recent Repositories

 New

Find a repository...



JuFengWu/gem_cut_cnc_codes



micro-
ROS/micro_ros_raspberrypi_pico_sdk



micro-ROS/micro_ros_setup



JuFengWu/frost_generation



JuFengWu/kaisha



JuFengWu/JuFengWu.github.io



JuFengWu/web_test


Show more

Recent activity

When you take actions across GitHub, we'll


上傳自己的程式


Owner * Repository name *

 JuFengWu / my_first_test ✓

Great repository names are short and memorable. Need inspiration? How about [effective-rotary-phone?](#)

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:

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.](#)

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

專案名稱


是否公開

建立

上傳已經有的專案

基本上按照這一個步驟
但是可以不用政治正確

Quick setup — if you've done this kind of thing before

 Set up in Desktop or [HTTPS](#) [SSH](#) https://github.com/JuFengWu/github_tutorial.git

Get started by [creating a new file](#) or [uploading an existing file](#). We recommend every repository include a [README](#).

...or create a new repository on the command line

```
echo "# github_tutorial" >> README.md
git init
git add README.md
git commit -m "first commit"
git branch -M main
git remote add origin https://github.com/JuFengWu/github_tutorial.git
git push -u origin main
```

...or push an existing repository from the command line

```
git remote add origin https://github.com/JuFengWu/github_tutorial.git
git branch -M main
git push -u origin main
```

...or import code from another repository

You can initialize this repository with code from a Subversion, Mercurial, or TFS project.

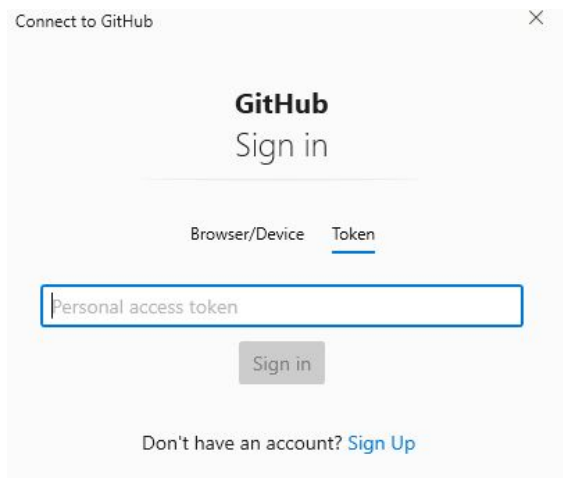
[Import code](#)

上傳已經有的專案

Step 1

```
user@DESKTOP-RUQ03RE MINGW64 /d/git_test (master)
$ git remote add origin https://github.com/JuFengWu/github_tutorial.git
```

Step 2 輸入token



Connect to GitHub

GitHub
Sign in

Browser/Device Token

Personal access token

Sign in

Don't have an account? [Sign Up](#)

Step 3 完成

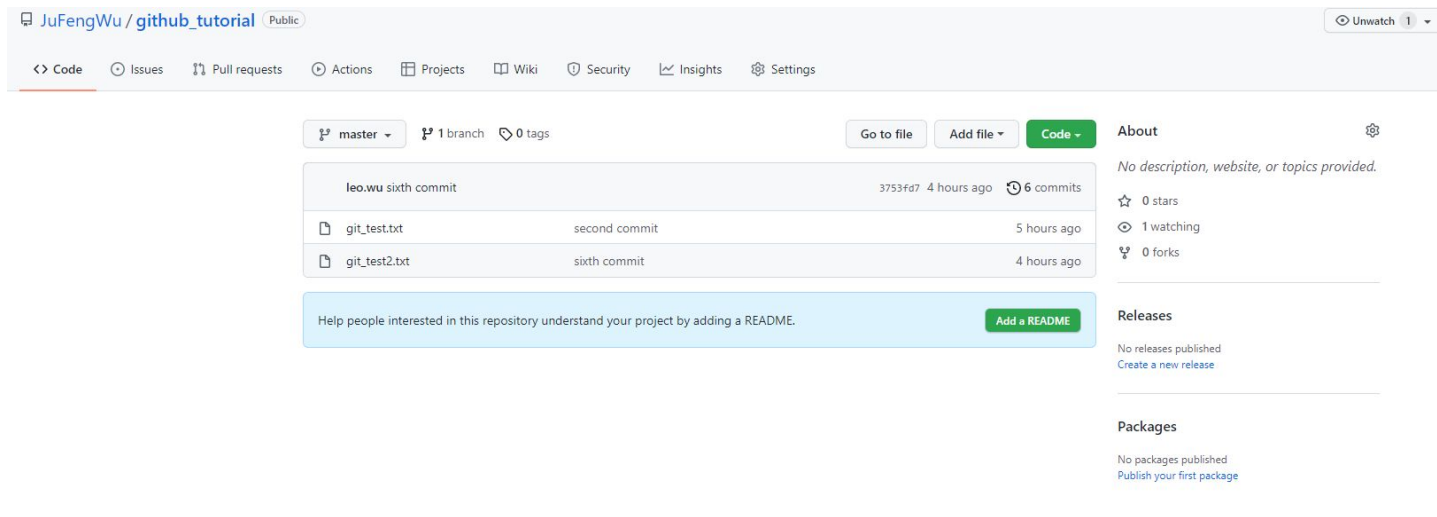
```
MINGW64:/d/git_test

user@DESKTOP-RUQ03RE MINGW64 /d/git_test (master)
$ git push origin master
Enumerating objects: 18, done.
Counting objects: 100% (18/18), done.
Delta compression using up to 8 threads
Compressing objects: 100% (10/10), done.
Writing objects: 100% (18/18), 1.35 KiB | 1.35 MiB/s, done.
Total 18 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/JuFengWu/github_tutorial.git
 * [new branch]      master -> master

user@DESKTOP-RUQ03RE MINGW64 /d/git_test (master)
$ |
```

輸入token視同你就是github上的這一個人

放上專案了



終於成功了!

問題 如果是Win7和Win8.1的話怎麼辦？

在push之前，開啟隱藏資料夾.git

用記事本打開裡面的config，在URL的前面加入<TOKEN>和@

- logs
- objects
- refs
- COMMIT_EDITMSG
- config
- description
- gitk.cache
- HEAD
- index
- packed-refs

```
[core]
  repositoryformatversion = 0
  filemode = false
  bare = false
  logallrefupdates = true
  ignorecase = true
[remote "origin"]
  url = https://<你的TOKEN>@github.com/JuFengWu/test_tutorial.git
  fetch = +refs/heads/*:refs/remotes/origin/*
[branch "master"]
  remote = origin
  merge = refs/heads/master
```

https://blog.csdn.net/m0_50487958/article/details/120634517?fbclid=IwAR2KxPNdg6iLOjfu8ed_BLQ_XllcCfluBXsa3RsTVuXb8sJCsS-jX9-RQTo

問題 我是公用電腦怎麼辦？

windows 會自動記錄token,要如何刪除？



讓專案變漂亮 - readme

你可以在readme上寫一些說明和放文件

☰ README.md

A groovy modbus library

build passing

Overview

libmodbus is a free software library to send/receive data with a device which respects the Modbus protocol. This library can use a serial port or an Ethernet connection.

The functions included in the library have been derived from the Modicon Modbus Protocol Reference Guide which can be obtained from www.modbus.org.

The license of libmodbus is *LGPL v2.1 or later*.

The documentation is available as manual pages (`man libmodbus` to read general description and list of available functions) or Web pages www.libmodbus.org/documentation/. The documentation is licensed under the Creative Commons Attribution-ShareAlike License 3.0 (Unported) (<http://creativecommons.org/licenses/by-sa/3.0/>).

Github的readme是markdown格式

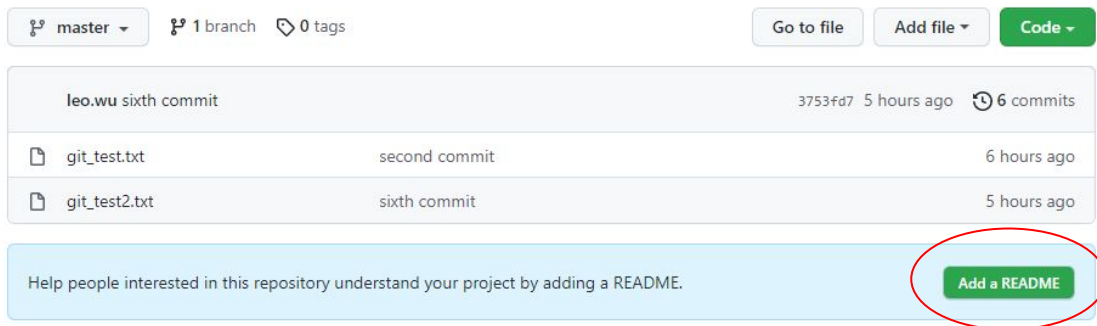
什麼是markdown?

純文字的標記

word一樣的排版和效果

加入readme的兩個方法

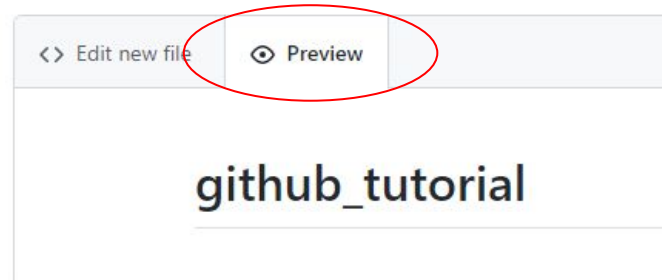
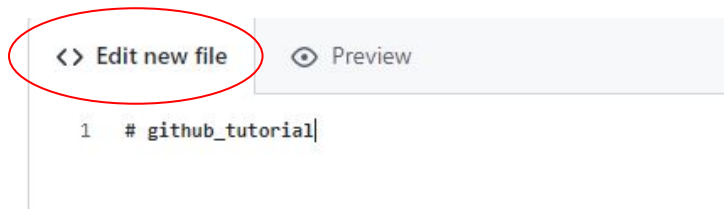
1. 在上傳檔案的時候直接加入readme.md
2. 上傳檔案之後新增readme.md



按下去就對了

readme的撰寫

在github中，有撰寫模式跟預覽模式



所以我喜歡直接在 github 上打 readme

Readme的標題

1. # + 空格 + 文字 = 標題
2. 越多#文字越小
3. 內容的換行不會真的換行

```
1
2  # AA
3  ## BB
4  ### CC
5  #### DD
6  ##### EE
7  ##### FF
8
9  AAA
10 BBB
11 CCC|
```

AA

BB

CC

DD

EE

FF

AAA BBB CCC

Readme的使用

其他的使用技巧

<> Edit new file Preview

```
1
2 # This is tittle
3
4 * AAA
5 -----
6 BBB <br/>
7 ```
8 print("aaa")
9 a = b+c
10 ```
```

<> Edit new file Preview

This is tittle

- AAA

BBB

```
print("aaa")
a = b+c
```


Readme的使用

以下是程式碼

```
## 以下是程式碼
```

```
~~~
```

```
print("aaa")
```

```
a = b + c
```

```
~~~
```

```
*這是斜線* <br/>
```

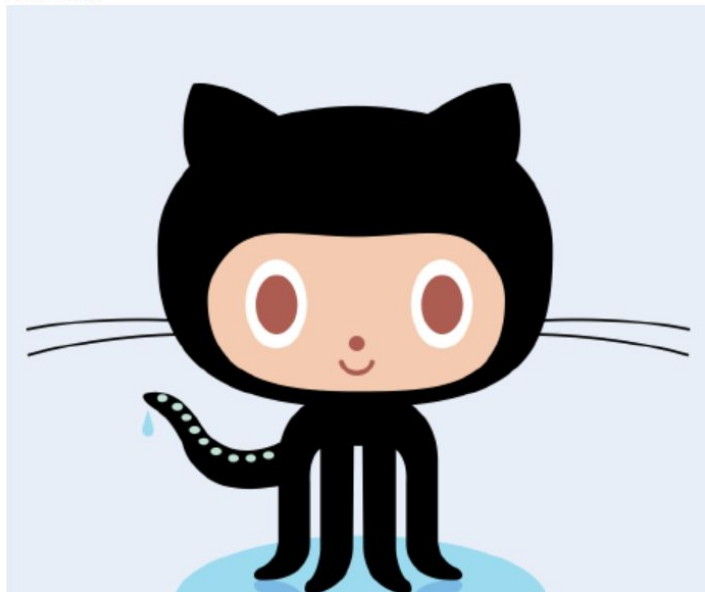
```
__這是強調__<br/>
```

```
![圖片介紹](https://avatars.githubusercontent.com)
```

```
print("aaa")  
a = b + c
```

這是斜線

這是強調



Readme的使用

以下是表格

First	Second	Third
-----	:-----:	-----:
aaa	bbb	ccc
ddd	eee	fff

以下是標記成灰色底

灰底區在右邊 我是灰底區 灰底區在左邊

文字的連結在左邊 [我是連結](#)(http://yahoo.com.tw "我是滑鼠移向連結會秀出的文字") 文字連結在右邊

以下是表格

First	Second	Third
aaa	bbb	ccc
ddd	eee	fff

以下是標記成灰色底

灰底區在右邊 我是灰底區 灰底區在左邊

文字的連結在左邊 [我是連結](#) 文字連結在右邊

Gist的使用

進入Gist的首頁

Gist的檔案名稱

The screenshot shows the GitHub Gist creation page. At the top, there's a header with the user's name 'pico_reconnection', a lock icon, a gist ID 'gist:185811e143bb...', and a link 'View your gists'. Below this is a 'Gist description...' text area. The main part of the form is a large text area for the code, with a placeholder 'Filename including extension...' at the top. To the right of this text area are three dropdown menus: 'Spaces' (set to 'Spaces'), '2' (line count), and 'No wrap' (line wrapping). At the bottom left is an 'Add file' button. At the bottom right is a green button labeled 'Create secret gist' with a dropdown arrow. A red circle highlights the 'Create secret gist' button, and a red arrow points from the text '選擇是否公開' to it. Another red circle highlights the 'Filename including extension...' placeholder, and a red arrow points from the text 'Gist的檔案名稱' to it.

pico_reconnection pico_reconnection

gist:185811e143bb... pico_reconnection_ex...

View your gists

Gist description...

Filename including extension...

Spaces 2 No wrap

1

Add file

Create secret gist

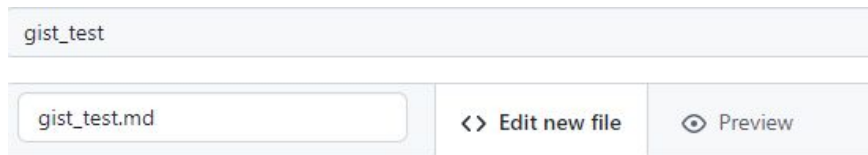
選擇是否公開

為什麼要用Gist?

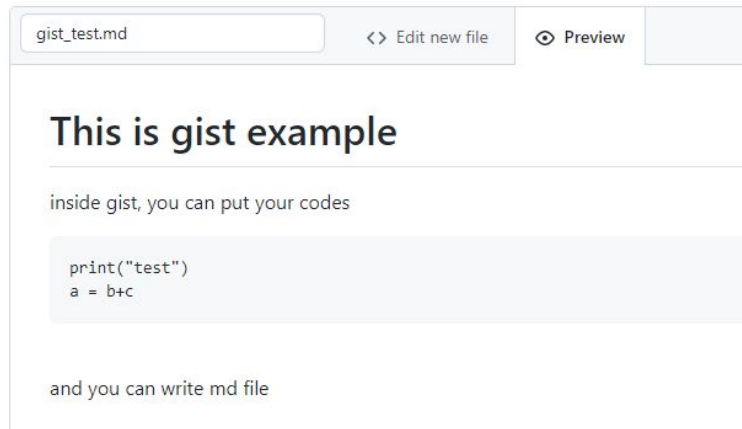
- 想要分享部分程式給別人
- 想要作一些筆記
- 內嵌程式碼到網站中

Gist當文件使用

只要gist上加上md附檔名
就可以當文件使用

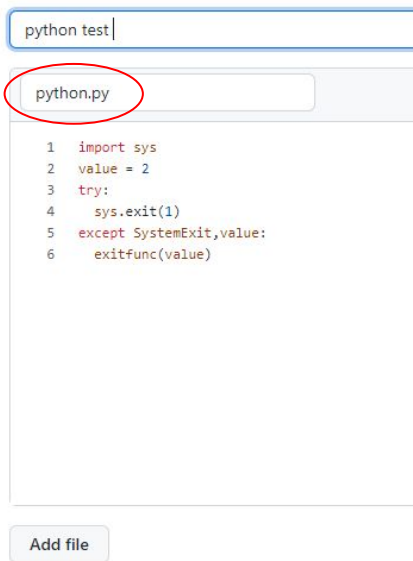


```
1 # This is gist example
2 inside gist, you can put your codes<br/>
3 ...
4 print("test")
5 a = b+c
6 ...
7 <br/>
8 and you can write md file
```

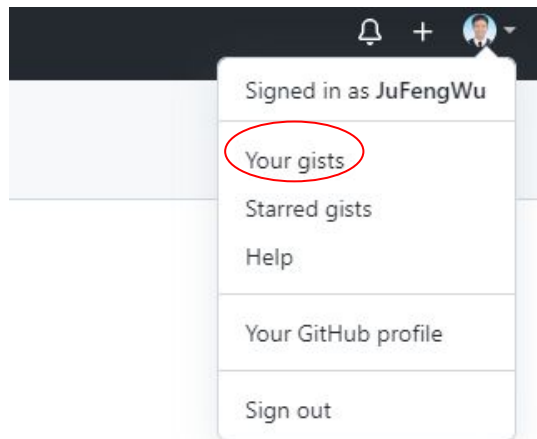


Gist純程式碼

一樣可以放副檔名產生程式的顏色



看之前的gist



所有的Gist

不公開的Gist



JuFengWu / python.py Secret

Created 2 minutes ago

python code demo



1 file



0 forks



0 comments



0 stars

```
1 import sys
2 value = 2
3 try:
4     sys.exit(1)
5 except SystemExit,value:
6     exitfunc(value)
```



JuFengWu / gist_md_test.md

Created 4 minutes ago

gist_md_test



1 file



0 forks



0 comments



0 stars

This is gist example

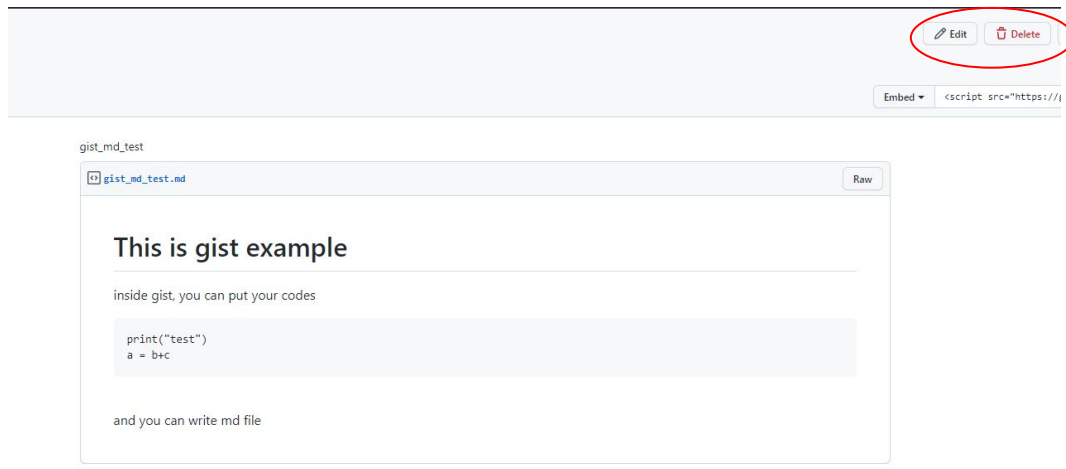
inside gist, you can put your codes

```
print("test")
a = b+c
```

and you can write md file

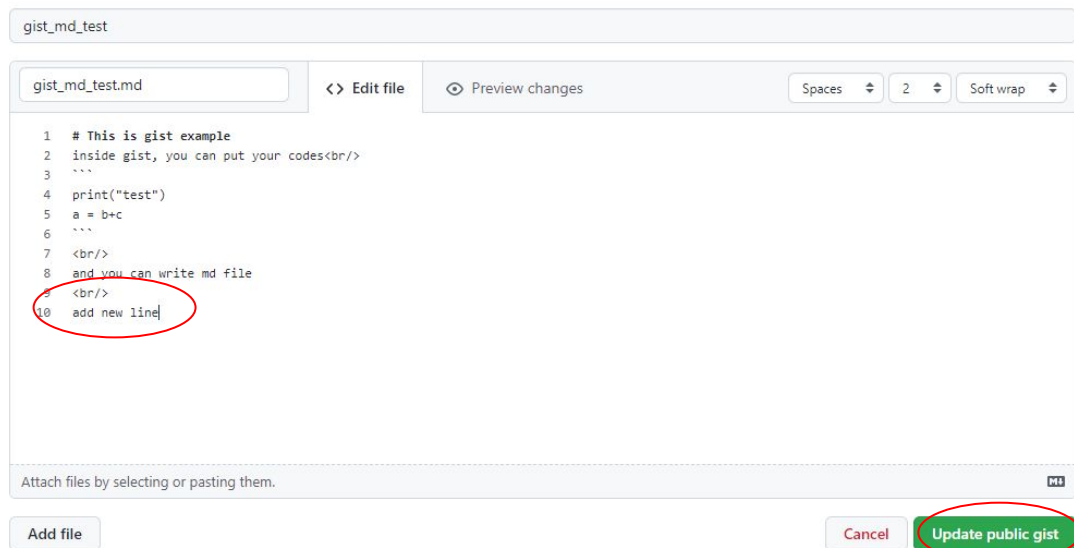
修改和刪除

你可以針對每一個Gist進行修改和刪除



修改Gist

你可以增加一些内容




看所有修改的內容

你可以從Revisions看之前修改的內容

<> Code Revisions 2

gist_md_test

 gist_md_test.md

This is gist example

inside gist, you can put your codes

```
print("test")
a = b+c
```

and you can write md file
add new line

Revisions

Split Unified

JuFengWu revised this gist 44 seconds ago.

1 changed file with 3 additions and 1 deletion.

gist_md_test.md

```
... @@ -5,4 +5,6 @@ print("test")
5 5 a = b+c
6 6 ...
7 7 <br/>
8 - and you can write md file
+ and you can write md file
9 + <br/>
10 + add new line
```




JuFengWu created this gist 11 minutes ago.

gist_md_test.md









```
... @@ -0,0 +1,8 @@
1 + # This is gist example
2 + inside gist, you can put your codes<br/>
3 + ...
4 + print("test")
5 + a = b+c
6 + ...
7 + <br/>
8 + and you can write md file
```

你也可以給人家一些評論




Write


Preview

H B I        

this is write test

Attach files by dragging & dropping, selecting or pasting them. 

Comment



Write

Preview

this is write test

Comment

完成評論

gist_md_test

 gist_md_test.md

Raw

This is gist example

inside gist, you can put your codes

```
print("test")  
a = b+c
```

and you can write md file
add new line



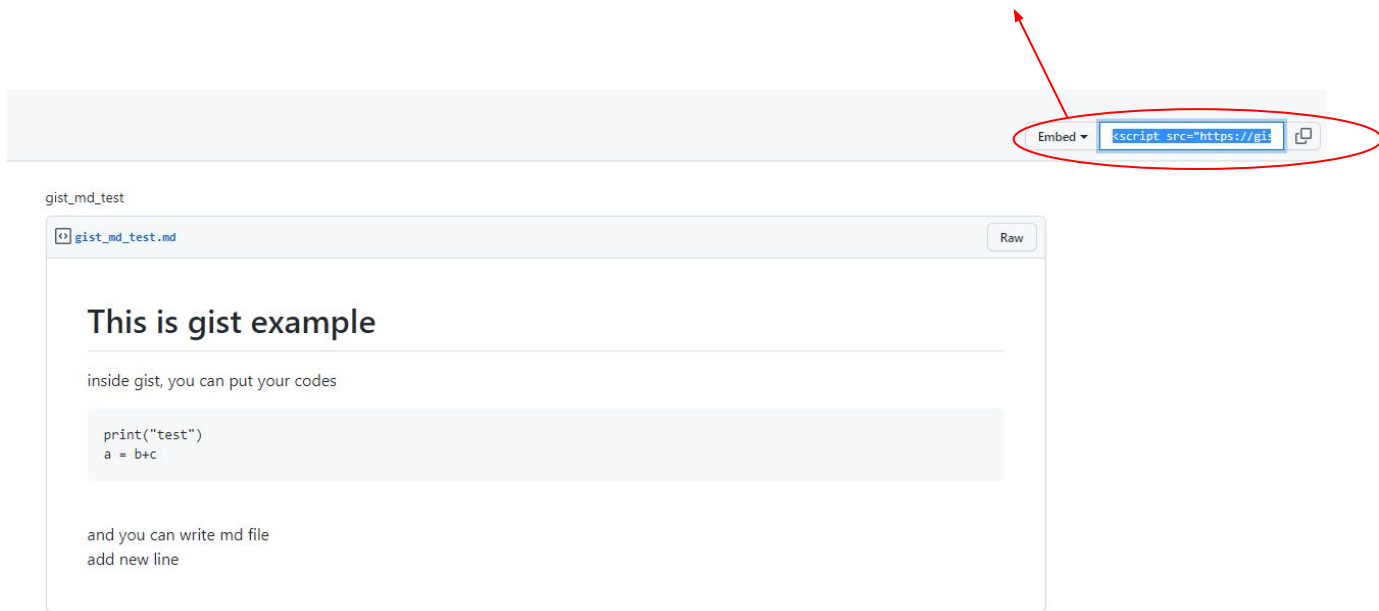
JuFengWu commented now

Author ...

this is write test

鑲嵌到網站上

`<script src="https://gist.github.com/JuFengWu/1934f66a1899b9baebcb25d4024de653.js">`
`</script>`



Github上加入license

The screenshot shows a GitHub repository interface. At the top, there are buttons for 'Go to file', 'Add file', and 'Code'. Below this is a table of commit history:

Commit Hash	Author	Message	Time
3753fd7	leo.wu	sixth commit	11 days ago
		second commit	11 days ago
		sixth commit	11 days ago

Below the commit history, there is a blue box with the text: 'Help people interested in this repository understand your project by adding a README.' and a green button labeled 'Add a README'.

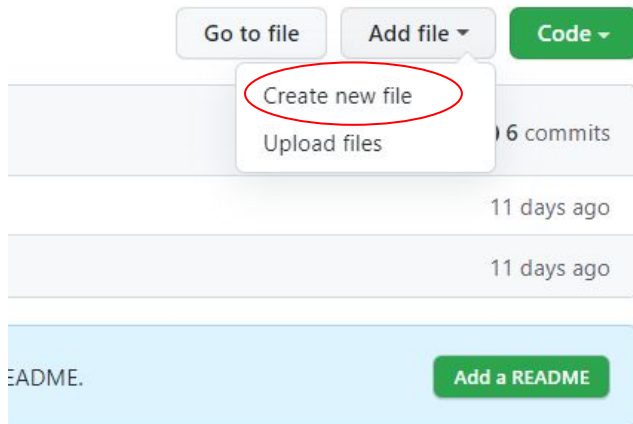
On the right side, there are sections for 'About', 'Releases', and 'Packages'. The 'About' section shows 'No description, website, or topics provided.' and statistics: 0 stars, 1 watching, and 0 forks. The 'Releases' section shows 'No releases published' and a link to 'Create a new release'. The 'Packages' section shows 'No packages published' and a link to 'Publish your first package'.

沒有license的標記，其他人不知道能不能商用

新增license檔案

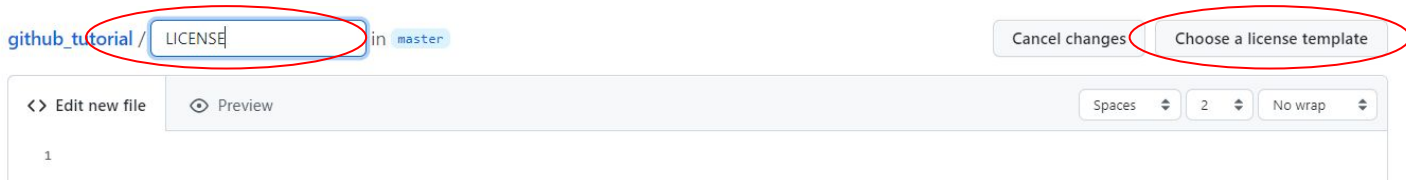
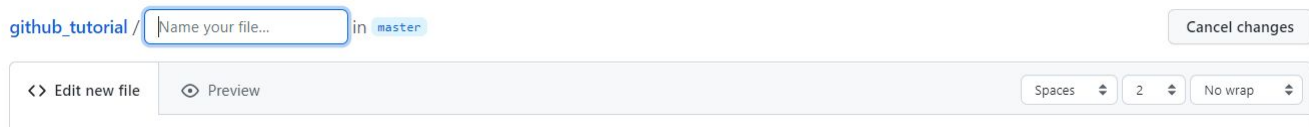
按下新增檔案

Add file -> Create new file



新增license檔案

輸入license會出現
choose a license template



license的選擇

Add a license to your project

Apache License 2.0	<p>A short and simple permissive license with conditions only requiring preservation of copyright and license notices. Licensed works, modifications, and larger works may be distributed under different terms and without source code.</p> <table><thead><tr><th>Permissions</th><th>Limitations</th><th>Conditions</th></tr></thead><tbody><tr><td>✓ Commercial use</td><td>✗ Liability</td><td>① License and copyright notice</td></tr><tr><td>✓ Modification</td><td>✗ Warranty</td><td></td></tr><tr><td>✓ Distribution</td><td></td><td></td></tr><tr><td>✓ Private use</td><td></td><td></td></tr></tbody></table> <p>This is not legal advice. Learn more about repository licenses.</p>	Permissions	Limitations	Conditions	✓ Commercial use	✗ Liability	① License and copyright notice	✓ Modification	✗ Warranty		✓ Distribution			✓ Private use			<p>To adopt MIT License, enter your details. You'll have a chance to review before committing a <i>LICENSE</i> file to a new branch or the root of your project.</p> <p>Year ⓘ 2022</p> <p>Full name ⓘ JuFengWu</p> <p>Review and submit</p>
Permissions		Limitations	Conditions														
✓ Commercial use		✗ Liability	① License and copyright notice														
✓ Modification		✗ Warranty															
✓ Distribution																	
✓ Private use																	
GNU General Public License v3.0																	
MIT License																	
BSD 2-Clause "Simplified" License																	
BSD 3-Clause "New" or "Revised" License																	
Boost Software License 1.0	MIT License																
Creative Commons Zero v1.0 Universal	Copyright (c) <u>Year</u> <u>Full name</u>																
Eclipse Public License 2.0	Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:																
GNU Affero General Public License v3.0																	
GNU General Public License v2.0																	
GNU Lesser General Public License v2.1	The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.																

自動匯入license的檔案

github_tutorial /

LICENSE

<> Edit new file

👁 Preview

```
1 MIT License
2
3 Copyright (c) 2022 JuFengWu
4
5 Permission is hereby granted, free of charge, to any person obtaining a copy
6 of this software and associated documentation files (the "Software"), to deal
7 in the Software without restriction, including without limitation the rights
8 to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
9 copies of the Software, and to permit persons to whom the Software is
10 furnished to do so, subject to the following conditions:
11
12 The above copyright notice and this permission notice shall be included in all
13 copies or substantial portions of the Software.
14
15 THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
16 IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
17 FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
18 AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
19 LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
20 OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
21 SOFTWARE.
22
```

會出現pull request

The screenshot shows a GitHub Pull Request interface. At the top, the navigation bar includes 'Code', 'Issues', 'Pull requests' (highlighted with a red circle and a count of 1), 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. Below this, the title 'Create LICENSE #1' is displayed. A green button labeled 'Open' is followed by the text 'JuFengWu wants to merge 1 commit into master from add-license-1'. A summary bar shows 'Conversation 0', 'Commits 1', 'Checks 0', and 'Files changed 1'. A comment by 'JuFengWu' from 1 minute ago says 'add license'. Below the comment, a commit titled 'Create LICENSE' is shown, marked as 'Verified' with a commit hash '38d289f'. A message states: 'Add more commits by pushing to the add-license-1 branch on JuFengWu/github_tutorial.' A green box contains two status messages: 'Continuous integration has not been set up' and 'This branch has no conflicts with the base branch'. At the bottom, a green button labeled 'Merge pull request' is highlighted with a red circle, followed by a link to 'view command line instructions'.

<> Code Issues **Pull requests 1** Actions Projects Wiki Security Insights Settings

Create LICENSE #1

Open JuFengWu wants to merge 1 commit into master from add-license-1

Conversation 0 Commits 1 Checks 0 Files changed 1

JuFengWu commented 1 minute ago

add license

Create LICENSE

Verified 38d289f

Add more commits by pushing to the add-license-1 branch on JuFengWu/github_tutorial.

Continuous integration has not been set up
GitHub Actions and several other apps can be used to automatically catch bugs and enforce style.

✓ This branch has no conflicts with the base branch
Merging can be performed automatically.

Merge pull request [view command line instructions.](#)

各位還記得pull吧

完成了

[Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)

Create LICENSE #1


[Open](#) JuFengWu wants to merge 1 commit into `master` from `add-license-1`

Conversation 0



Commits 1


Checks 0


Files changed 1

 JuFengWu commented 3 minutes ago Owner 😊 ⋮

add license

  Create LICENSE Verified 381239f

 JuFengWu merged commit `8c22151` into `master` now Revert

 **Pull request successfully merged and closed**

You're all set—the `add-license-1` branch can be safely deleted. Delete branch

回到主頁面

沒有open的pull request

The screenshot shows the GitHub interface for a repository named 'JuFengWu'. At the top, the navigation bar includes 'Pull requests' (circled in red), 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. Below the navigation bar, the repository details show 'master' branch, '2 branches', and '0 tags'. A pull request merge is displayed: 'JuFengWu Merge pull request #1 from JuFengWu/add-license-1' with commit hash '8c22151' and '11 minutes ago'. Below the merge, a table lists the changes:

File	Commit	Time
LICENSE	Create LICENSE	15 minutes ago
git_test.txt	second commit	13 days ago
git_test2.txt	sixth commit	13 days ago

Below the table, a blue banner encourages adding a README. On the right side, the 'About' section shows 'No description, website, or topics provided.' and 'MIT License' (circled in red). Below 'About', it shows '0 stars', '1 watching', and '0 forks'. The 'Releases' section shows 'No releases published' and a link to 'Create a new release'. Red arrows point from the text annotations to the 'Pull requests' link, the 'LICENSE' file, and the 'MIT License' link.

多了LICENSE的檔案

顯示這一個專案的license

更多課程

程式架構

影像處理

元宇宙 AR

程式版權

從maker到產品
工業馬達控制

測試與程式品質



台灣跨領域人才培訓發展協會