

The background is a solid dark blue. It is decorated with various colorful, hand-drawn style elements: a green squiggle in the top left, a yellow square in the top center, a blue square in the top right, a yellow square with a blue line through it on the left, a yellow circle on the right, a green square in the bottom left, a blue shape in the bottom center, and a red shape in the bottom right.

Google Drive Api

小工具使用手冊

● Prerequisite:

1. Python 3 or above
2. Install required gdrive dependencies:

```
$ pip install -r requirements.txt  
or  
$ pip3 install -r requirements.txt
```

How to use this tool:

Basic Structure of Command

```
$ python -m gdrivetool  
[function] {[arg1] [arg2]...}
```

* SORT:

- auth
- upload
- download
- list

* Depends on your choice!

1

Initialize/Update gdrive api authentication data → **function = auth**

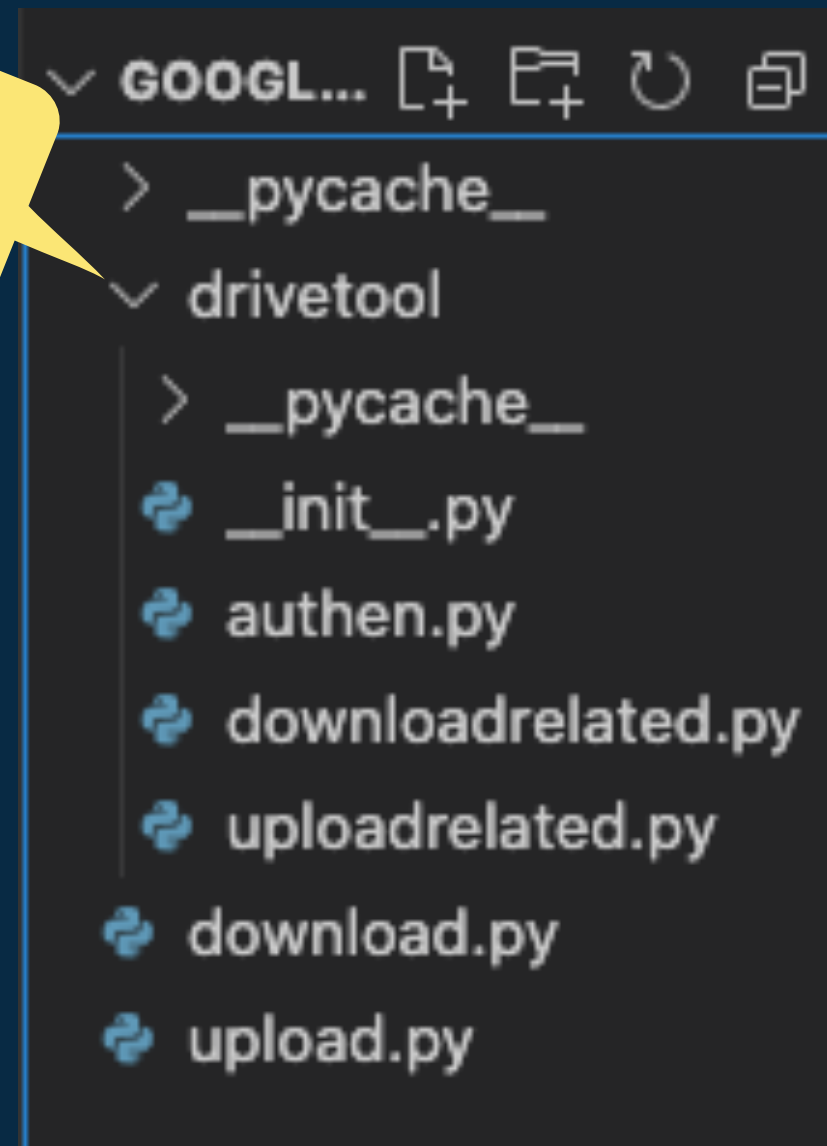
When you use this tool for the first time or wanna update your gdrive Api authentication data ex. change users/scopes etc.:

```
$ python -m gdrivetool  
auth -cred 'xxx.json'
```

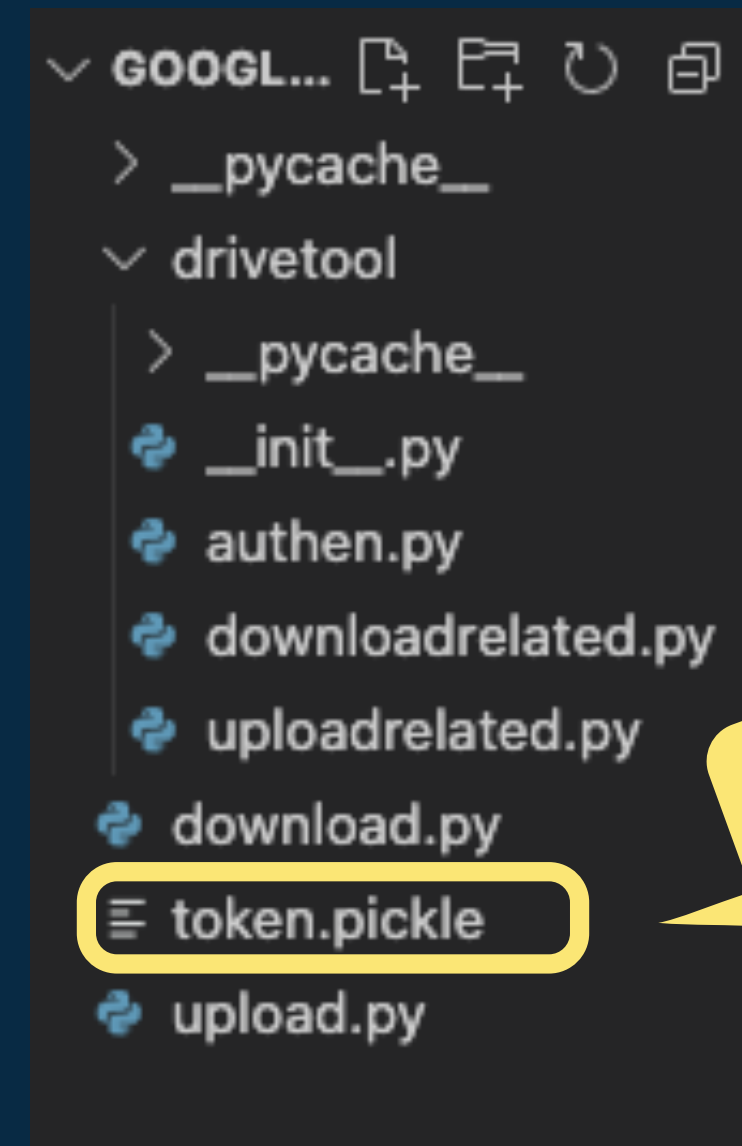
↓
-cred (--credentials): Downloaded gdrive Api
(Reference: 建立Google Drive Api.pdf)
• Format: JSON

Initialization:

Before



After authentication flow



After

- Automatically create a new file token.pickle (Store authentication data so that there isn't necessary to do it again until execute "auth" next time.)

STEP 1:

Choose
Account



STEP 2:

Press
Continue



這個應用程式未經 Google 驗證

您已獲得某個應用程式的存取權，但該應用程式目前正處於測試階段。除非您信任傳送邀請的開發人員，否則請勿繼續操作。

繼續

返回安全的位置

繁體中文 ▾

說明

隱私權

條款

STEP 3:
Make sure
authorized
scopes and
consent





STEP 4:

Press
Consent

確認您的選擇

您允許「[DriveTool](#)」執行下列操作：

- ☒ 查看、編輯、建立及刪除您的所有 Google 雲端硬碟檔案
- ☒ 查看及管理 Google 雲端硬碟所含檔案的中繼資料
- ☒ 查看、編輯、建立及刪除您透過這個應用程式使用的特定 Google 雲端硬碟檔案

確認「DriveTool」是您信任的應用程式

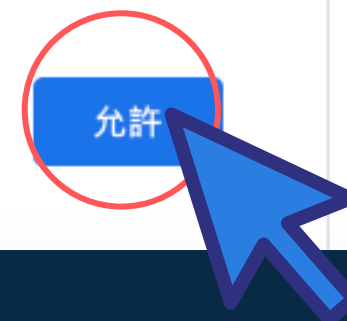
這麼做可能會將您的機密資訊提供給這個網站或應用程式。您隨時可以前往 [Google 帳戶](#) 頁面查看或移除存取權。

Learn how Google helps you [share data safely](#).

想瞭解「DriveTool」會如何處理您的資料，請參閱該用戶端的《服務條款》和《隱私權政策》。

取消

允許



Congrats!

The authentication flow has completed. You may close this window.



As showed, you could go back to your shell

2 Upload files into gdrive -> function = upload

* Introduction to upload arguments:

1、 Required:

- **-src (--source):** path/to/files and folders you wanna upload

2、 Optional:

- **-dest (--destination):** folder id/url indicates where to upload to
- **-new (--newfolder):** new folder name you wanna create in gdrive

* Upload command (1)

Description: Upload all into MyDrive

- Argument: `-src`

```
$ python -m gdrivetool upload  
-src '...' '...' ...
```

* `-src` (`--source`): multiple path/to/files/or/folders

- Remember to separate by "whitespace"

* Upload command (2)

Description : Create new folder in MyDrive and upload all into it

- Argument: -src -new

```
$ python -m gdrivetool upload  
-src '...' '...' ... -new '自訂資料夾名稱'
```

* -new (--newfolder) : create a new folder into Mydrive

* Upload command (3)

Description: Upload into an existing designated directory by providing its id

- Argument: -src -dest

```
$ python -m gdrivetool upload  
-src '...' '...' ... -dest '已存在之雲端資料夾id'
```

* -dest (--destination): single gdrive directory id or url

* Upload command (4)

Description: Create a new folder in an existing designated folder by providing its id and upload into it

- Argument: -src -new -dest

```
$ python -m gdrivetool upload
```

```
-src '...' '...' ...
```

```
-dest '已存在之雲端資料夾id' -new '自訂資料夾名稱'
```

* -dest(--destination) -new(--newfolder) : create a new folder into the designated directory id/url

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Download into local path → **function = download**

* Introduction to download arguments:

1. Required:

- **-src (--source):** ids/urls of files/folders downloaded from gdrive
- **-dest (--destination):** local_path you wanna download into

2. Optional:

- **-c (--cover):** update all files with the same name without more request

* Download command

Description: Multiple files and folders downloaded into the designated local path by providing their gdrive ids/urls

- Argument: -src -dest (-c)

```
$ python -m gdrivetool download  
-c -src '...' '...' ... -dest '下載至local端指定路徑'
```

* -c: tell it to cover all files and folders with the same name

* -src : multiple gdrive file and directory ids/urls
• Remember to separate by "whitespace"

* -dest : path/to/local/directory

Download 下載路徑上之同名問題：

資料夾同名：

可選擇：

1 = 兩者皆保留

2 = 覆蓋

- 覆蓋整個同名目錄下之檔案

其他 = 不要下再此資料夾

- 不更新該目錄

檔案同名：

可選擇：

1 = 兩者皆保留

2 = 覆蓋

- 更新原路徑上之同名檔案

其他 = 不要下載此檔案

- 不更新該檔案

4 List of directory → **function = list**

- Description: display a list of directory
- Argument: **-src** (**--source**): single directory id

```
$ python -m gdrivetool list  
-src 'single directory id'
```

- Output: list will be written into file → "list.json"