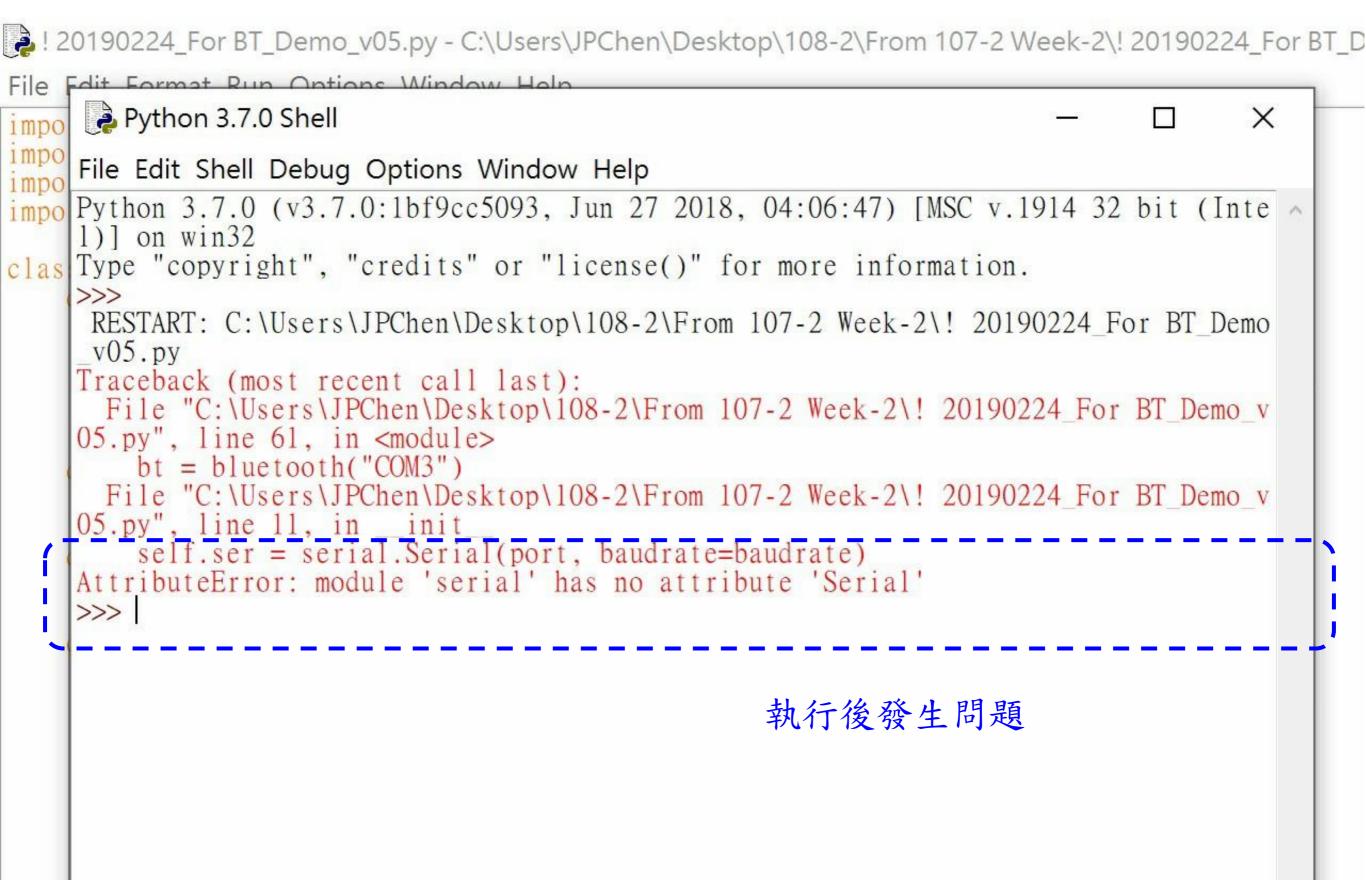
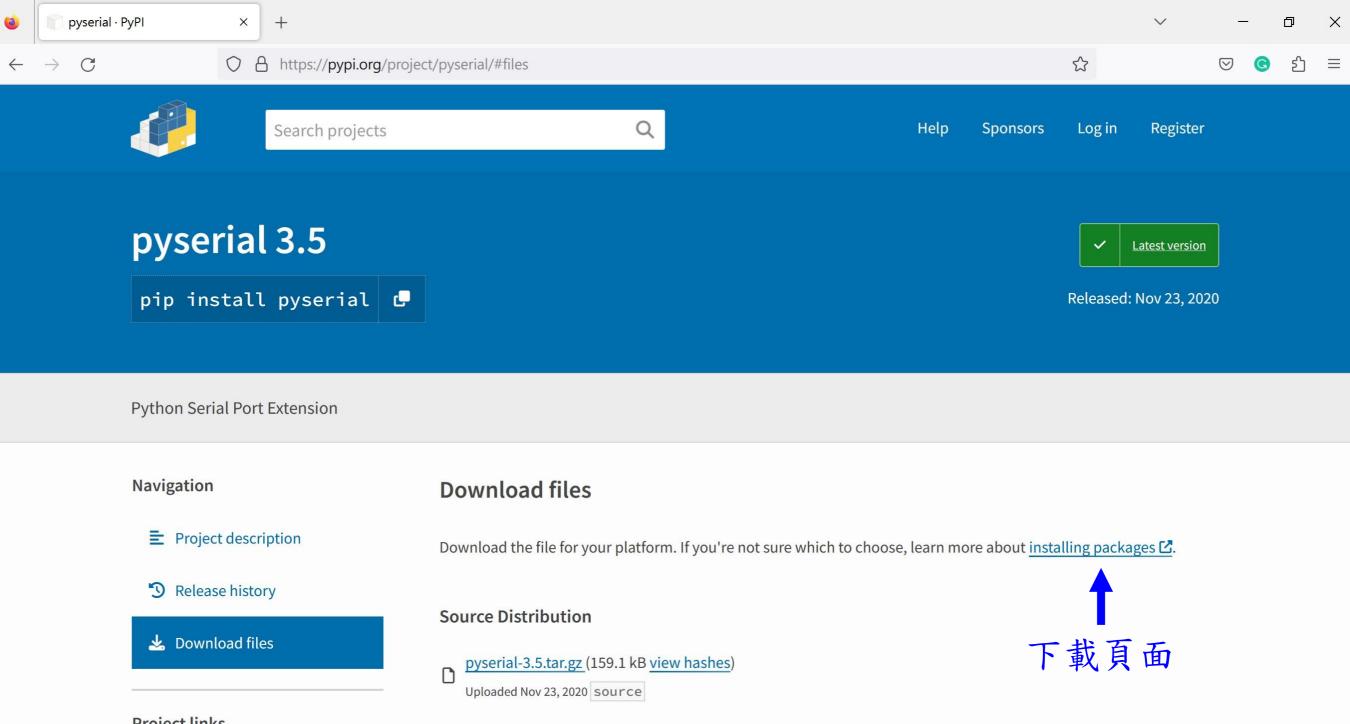
Arduino ↔ Python 藍牙溝通

111-2 電資工程入門設計與實作

PART 1 pyserial





Project links

† Homepage

Statistics



pyserial-3.5-py2.py3-none-any.whl (90.6 kB view hashes)

Uploaded Nov 23, 2020 py2 py3



































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Managing Application Dependencies

Ensure you can run pip from the command line

Additionally, you'll need to make sure you have pip available. You can check this by running:

Unix/macOS Windows

py -m pip --version

If you installed Python from source, with an installer from python.org, or via Homebrew you should already have pip. If you're on Linux and installed using your OS package manager, you may have to install pip separately, see Installing pip/setuptools/wheel with Linux Package Managers.

If pip isn't already installed, then first try to bootstrap it from the standard library:

Unix/macOS Windows

py -m ensurepip --default-pip

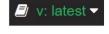
If that still doesn't allow you to run python -m pip:

- Securely Download get-pip.py [1] ┣━ 下載檔案
- Run python get-pip.py. [2] This will install or upgrade pip. Additionally, it will install setuptools and wheel if they're not installed already.

Warning: Be cautious if you're using a Python install that's managed by your operating system or another package manager. get-pip.py does not coordinate with those tools, and may leave your system in an inconsistent state. You can use python get-pip.py --prefix=/usr/local/ to install in /usr/local which is designed for locally-installed software.

Ensure pip, setuptools, and wheel are up to date

While pip alone is sufficient to install from pre-built binary archives, up to date copies of the setuptools and wheel projects are useful to ensure you can also install from source archives:





































11.2:878ead1, Feb 7 2023, 16:38:35) [MSC v.1934 64 bit (AMD64)] on win32 ", "credits" or "license()" for more information.

開啟 IDLE 後,用 open 開啟剛下載的 get-pip.py



New File

Recent Files

Path Browser

Save Copy As... **Print Window**

Close Window Exit IDLE

Open Module... Alt+M

Module Browser Alt+C

Open...

Save

Save As...

Ctrl+N

Ctrl+S

Ctrl+P Alt+F4

Ctrl+Q

Ctrl+Shift+S

Alt+Shift+S























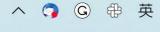


















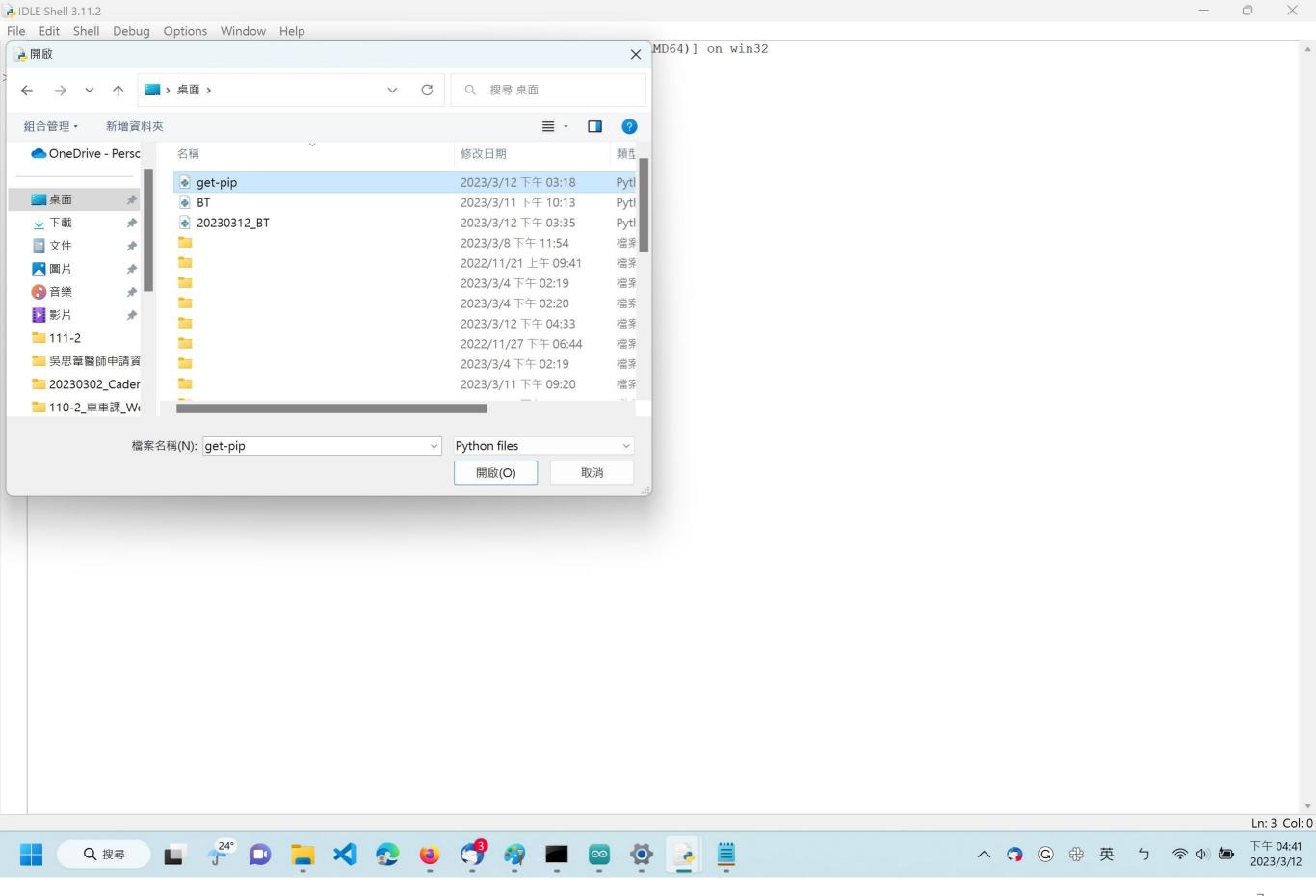








Ln: 3 Col: 0



You may be work lob of binary data here is, you might # even be worried that we're up to something nefarious (good for you for being # paranoid!). This is a base85 encoding of a zip file, this zip file contains # an entire copy of pip (version 23.0.1). # Pip is a thing that installs packages, pip itself is a package that someone # might want to install, especially if they're looking to run this get-pip.py # script. Pip has a lot of code to deal with the security of installing # packages, various edge cases on various platforms, and other such sort of # "tribal knowledge" that has been encoded in its code base. Because of this # we basically include an entire copy of pip inside this blob. We do this # because the alternatives are attempt to implement a "minipip" that probably # doesn't do things correctly and has weird edge cases, or compress pip itself # down into a single file. # If you're wondering how this is created, it is generated using # `scripts/generate.py` in https://github.com/pypa/get-pip. import sys this python = sys.version info[:2] min version = (3, 7)if this python < min version:</pre> message parts = ["This script does not work on Python {}.{}".format(*this python), "The minimum supported Python version is {}.{}.".format(*min version), "Please use https://bootstrap.pypa.io/pip/{}.{}/get-pip.py instead.".for print("ERROR: " + " ".join(message parts)) sys.exit(1) import os.path import pkgutil import shutil import tempfile Ln: 1 Col: 0

Q搜尋

下午 04:42 2023/3/12

Ln: 3 Col: 0

へ 🧿 G # 英

₽ X iDLE Shell 3.11.2 File Edit Shell Debug Options Window Help Python 3.11.2 (tags/v3.11.2:878ead1, Feb 7 2023, 16:38:35) [MSC v.1934 64 bit (AMD64)] on win32 Type "help", "copyright", "credits" or "license()" for more information. ======= RESTART: C:\Users\Jiun-Peng CHEN\Desktop\get-pip.py ========= Collecting pip Using cached pip-23.0.1-py3-none-any.whl (2.1 MB) Installing collected packages: pip Attempting uninstall: pip Found existing installation: pip 23.0.1 Uninstalling pip-23.0.1: Successfully uninstalled pip-23.0.1 WARNING: The scripts pip.exe, pip3.11.exe and pip3.exe are installed in 'C:\Users\Jiun-Peng CHEN\AppData\Local\Programs\Python\Python311\Scripts' which is not on PATH. Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location. Successfully installed pip-23.0.1 一成功安裝 pip

















































Ln: 18 Col: 0

₽ X iDLE Shell 3.11.2 File Edit Shell Debug Options Window Help Python 3.11.2 (tags/v3.11.2:878ead1, Feb 7 2023, 16:38:35) [MSC v.1934 64 bit (AMD64)] on win32 Type "help", "copyright", "credits" or "license()" for more information. ======= RESTART: C:\Users\Jiun-Peng CHEN\Desktop\get-pip.py ========= Collecting pip 複製路徑 Using cached pip-23.0.1-py3-none-any.whl (2.1 MB) Installing collected packages: pip Attempting uninstall: pip Found existing installation: pip 23.0.1 Uninstalling pip-23.0.1: Successfully uninstalled pip-23.0.1 WARNING: The scripts pip.exe, pip3.11.exe and pip3.exe are installed in 'C:\Users\Jiun-Peng CHEN\AppData\Local\Programs\Python\Python311\Scripts' which is not on PATH. Cut Consider adding this directory to PATH or, if you prefer to suppress this warning, use --no-warn-script-location. Copy Successfully installed pip-23.0.1 Copy with prompts Paste Go to file/line Squeeze

Ln: 12 Col: 146





























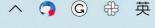
















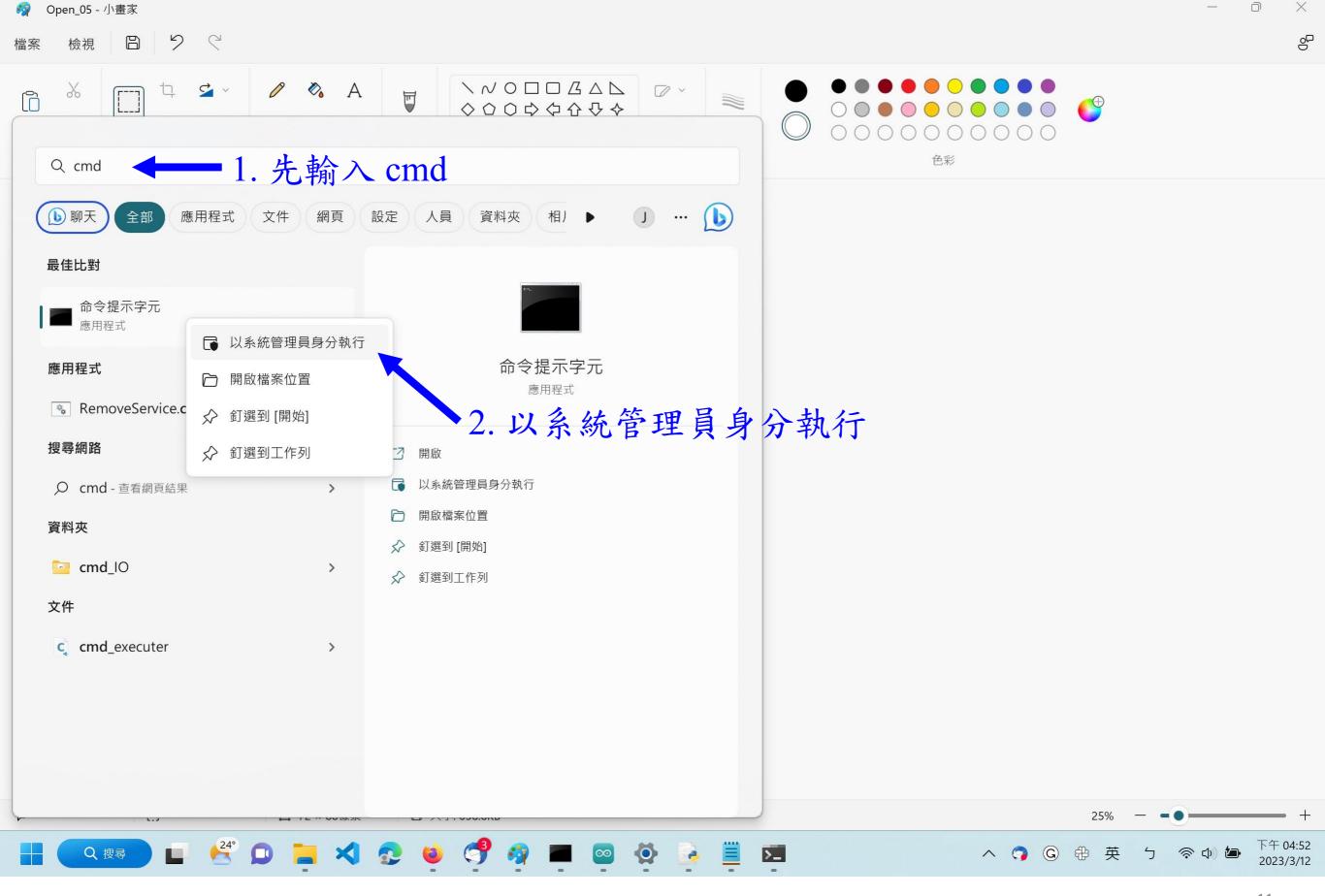












Microsoft Windows [Version 10.0.22621.1265]

(c) Microsoft Corporation. All rights reserved.

C:\Windows\System32>cd\Users\Jiun-Peng CHEN\AppData\Local\Programs\Python\Python311\Scripts

C:\Users\Jiun-Peng CHEN\AppData\Local\Programs\Python\Python311\Scripts>py -m pip install --upgrade pip setuptools wheel Requirement already satisfied: pip in c:\users\jiun-peng chen\appdata\local\programs\python\python311\lib\site-packages (23.0.1) Requirement already satisfied: setuptools in c:\users\jiun-peng chen\appdata\local\programs\python\python311\lib\site-packages (67.6.0) Requirement already satisfied: wheel in c:\users\jiun-peng chen\appdata\local\programs\python\python311\lib\site-packages (0.38.4)

C:\Users\Jiun-Peng CHEN\AppData\Local\Programs\Python\Python311\Scripts>pip install pyserial

C:\Users\Jiun-Peng CHEN\AppData\Local\Programs\Python\Python311\Scripts>

C:\Windows\System32>cd\Users\Jiun-Peng CHEN\AppData\Local\Programs\Python\Python311\Scripts

cd\切換到剛複製的路徑

C:\Users\Jiun-Peng CHEN\AppData\Local\Programs\Python\Python311\Scripts>py -m pip install --upgrade pip setuptools wheel

輸入 py -m pip install --upgrade pip setuptools wheel

C:\Users\Jiun-Peng CHEN\AppData\Local\Programs\Python\Python311\Scripts>pip install pyserial

輸入 pip install pyserial

C:\Users\Jiun-Peng CHEN\AppData\Local\Programs\Python\Python311\Scripts>

















































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PART 2

Arduino 與 Python 對話

