

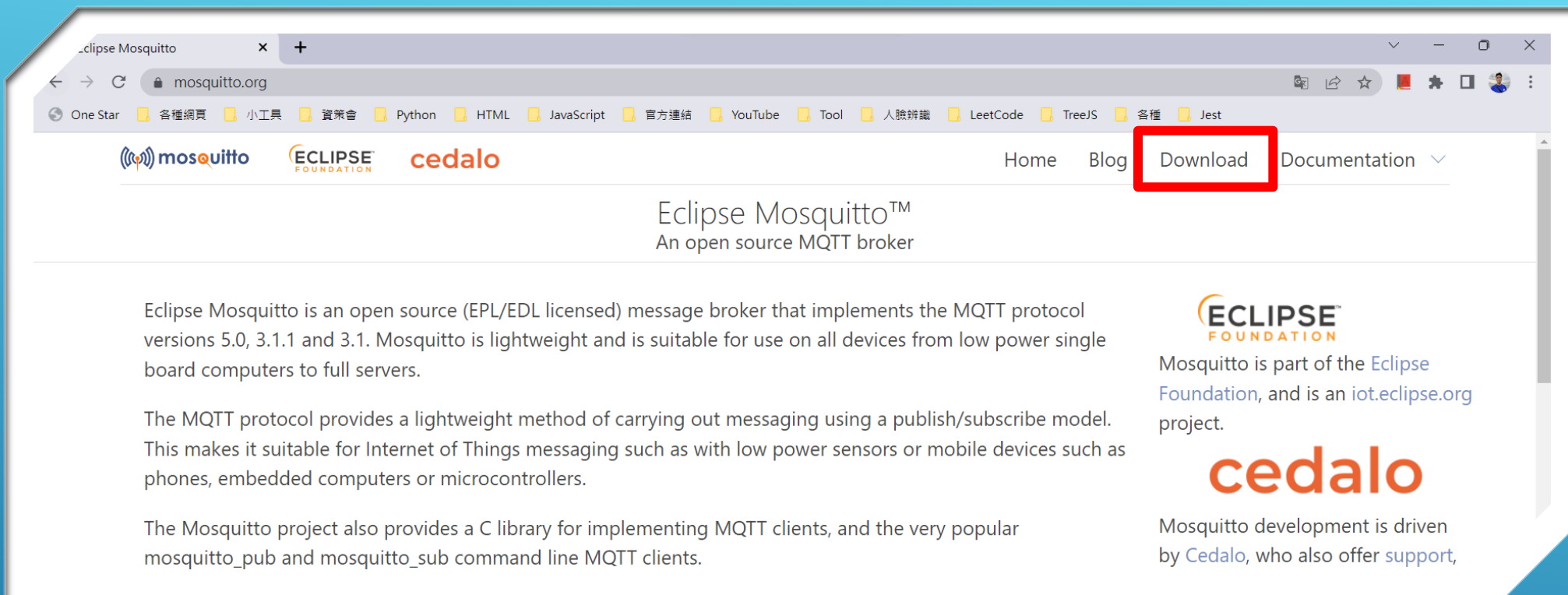
- 簡士奇 -

從零開始架設 MQTT Broker SERVER - Eclipse Mosquitto -

架設MQTT Broker Server - 下載



開啟網頁搜尋 "https://mosquitto.org/"



點擊 "Download" 跳轉至下載頁面

Source

- [mosquitto-2.0.15.tar.gz](#) (GPG signature)
- [Git source code repository](#) (github.com)

Older downloads are available at <https://mosquitto.org/files/>

Binary Installation

The binary packages listed below are supported by the Mosquitto project. In many cases Mosquitto is also available directly from official Linux/BSD distributions.

→ Windows

- [mosquitto-2.0.15-install-windows-x64.exe](#) (64-bit build, Windows Vista and up, built with Visual Studio Community 2019)
- [mosquitto-2.0.15-install-windows-x32.exe](#) (32-bit build, Windows Vista and up, built with Visual Studio Community 2019)

Older installers can be found at <https://mosquitto.org/files/binary/>.

按照自己電腦的作業系統及系統位元數選擇相對應的安裝檔(以下是使用 "Windows")

架設MQTT Broker Server - 安裝

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- [Git source code repository](#) (github.com)

Older downloads are available at <https://mosquitto.org/files/>


Binary Installation

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Windows

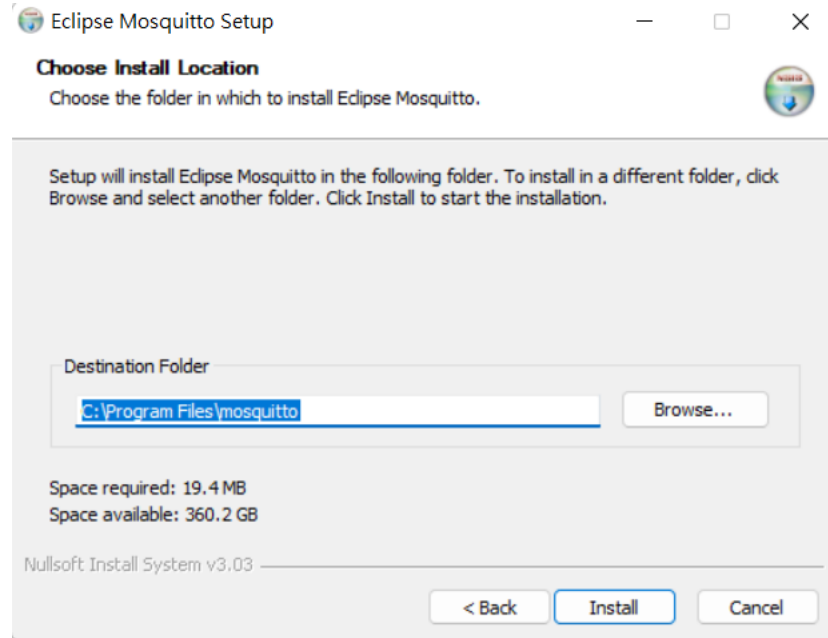
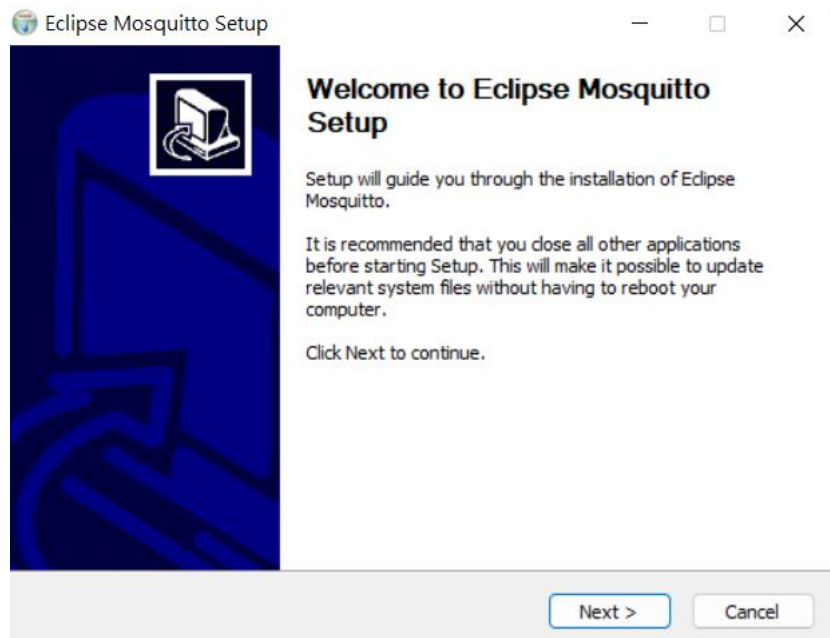
- [mosquitto-2.0.15-install-windows-x64.exe](#) (64-bit build, Windows Vista and up, built with Visual Studio Community 2019)
- [mosquitto-2.0.15-install-windows-x32.exe](#) (32-bit build, Windows Vista and up, built with Visual Studio Community 2019)

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 mosquitto-2.0.15....exe ^

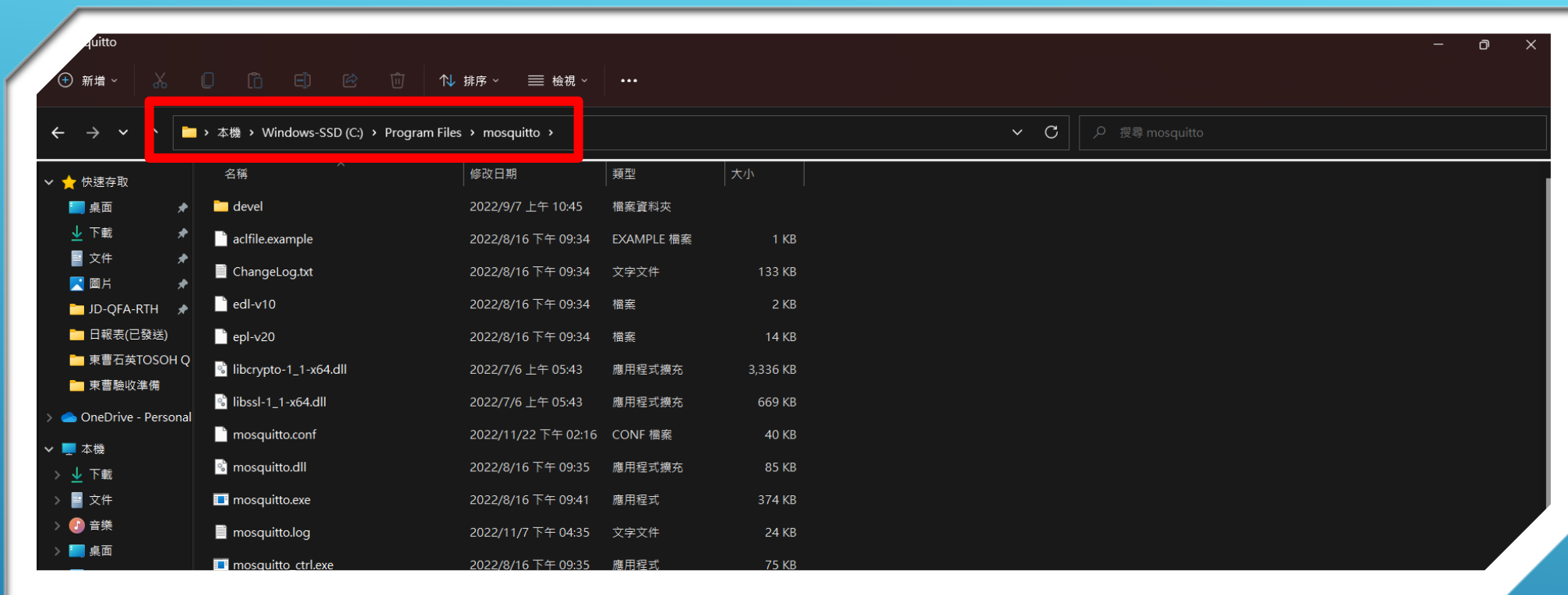
全部顯示

點擊下載好的檔案



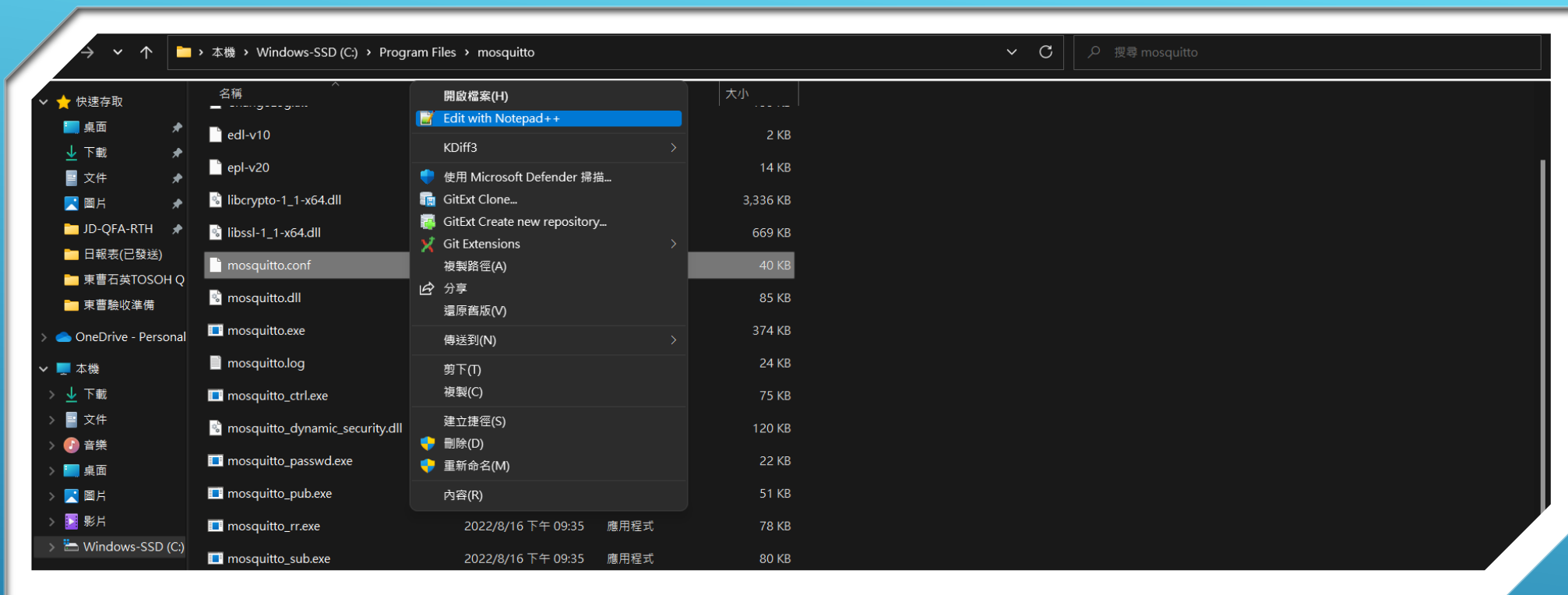
一鍵到底安裝即可，預設路徑應該為
"C:\Program Files\mosquitto"，盡量
不要更改

架設MQTT Broker Server - 設定



進到資料夾路徑

"C:\Program Files\mosquitto"



使用編輯器開啟檔案“mosquitto.conf”
編輯器依個人喜好，我自己慣用 Notepad++



```
.ridge_keyfile
# -----
# PSK based SSL/TLS support
# -----
879 # Pre-shared-key encryption provides an alternative to certificate based
880 # encryption. A bridge can be configured to use PSK with the bridge_identity
881 # and bridge_psk options. These are the client PSK identity, and pre-shared-key
882 # in hexadecimal format with no "0x". Only one of certificate and PSK based
883 # encryption can be used on one
884 # bridge at once.
885 #bridge_identity
886 #bridge_psk
887
888
889 # =====
890 # External config files
891 # =====
892
893 # External configuration files may be included by using the
894 # include_dir option. This defines a directory that will be searched
895 # for config files. All files that end in '.conf' will be loaded as
896 # a configuration file. It is best to have this as the last option
897 # in the main file. This option will only be processed from the main
898 # configuration file. The directory specified must not contain the
899 # main configuration file.
900 # Files within include_dir will be loaded sorted in case-sensitive
901 # alphabetical order, with capital letters ordered first. If this option is
902 # given multiple times, all of the files from the first instance will be
903 # processed before the next instance. See the man page for examples.
904 #include_dir
905
906 allow_anonymous true
907 listener 1883 192.168.1.217
```

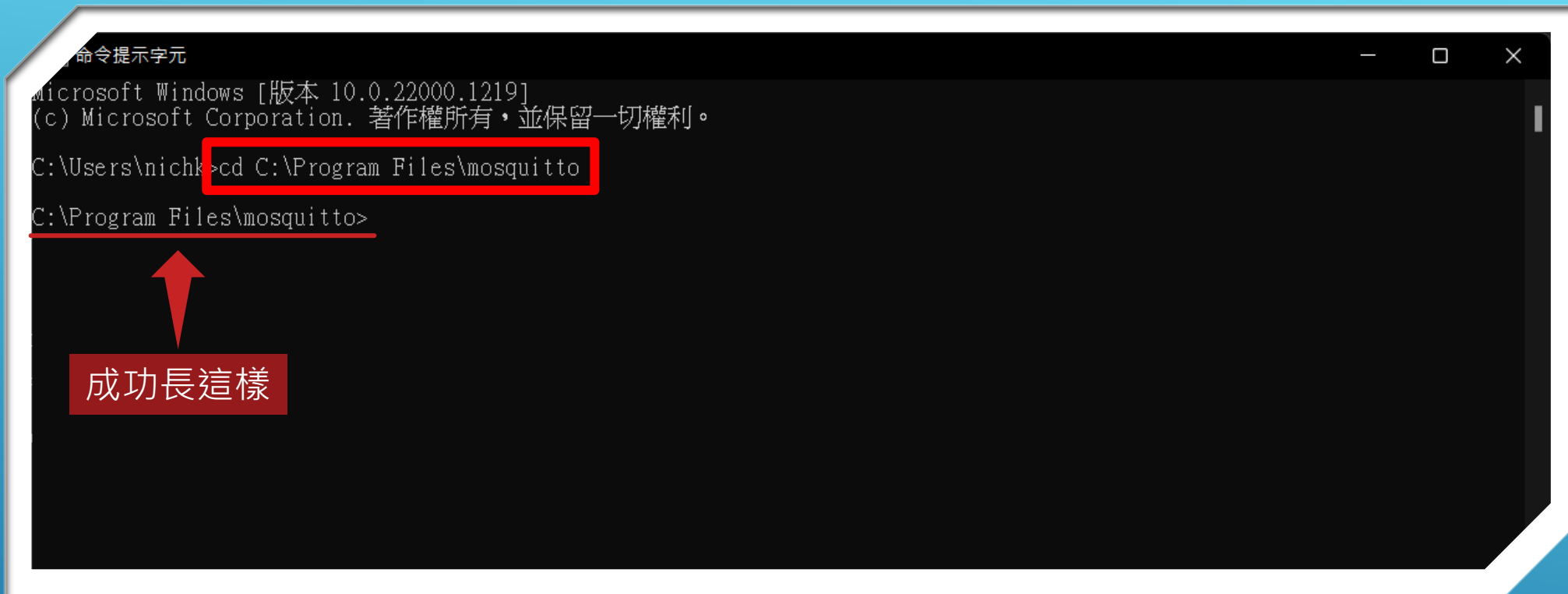
i 「allow_anonymous true」(允許匿名連線)

i 「listener 1883 192.168.1.217」
(*監聽 *通訊埠(Port) *自己的本機IP位置)

i 「記得存檔」

至內容最下方新增 「allow_anonymous true」 & 「listener 1883 192.168.1.217」

架設MQTT Broker Server - 啟動



```
命令提示字元
Microsoft Windows [版本 10.0.22000.1219]
(c) Microsoft Corporation. 著作權所有，並保留一切權利。
C:\Users\nickk>cd C:\Program Files\mosquitto
C:\Program Files\mosquitto>
```

成功長這樣


開啟 命令提示字元〔CMD〕

輸入"cd C:\Program Files\mosquitto"

```
命令提示字元 - mosquitto.exe -c mosquitto.conf -v
Microsoft Windows [版本 10.0.22000.1219]
(c) Microsoft Corporation. 著作權所有，並保留一切權利。

C:\Users\nichk>cd C:\Program Files\mosquitto

C:\Program Files\mosquitto>mosquitto.exe -c mosquitto.conf -v
1669098159: mosquitto version 2.0.15 starting
1669098159: Config loaded from mosquitto.conf.
1669098159: Opening ipv4 listen socket on port 1883.
1669098159: mosquitto version 2.0.15 running
```



輸入“ mosquitto.exe -c mosquitto.conf -v ”
啟動 mosquitto 程式，完成 MQTT 架設

