Windows 10 安裝mosquitto Broker

Source

- mosquitto-1.6.9.tar.gz (319kB) (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.

下載並安裝 https://mosquitto.org/download/

Windows

- mosquitto-1.6.9-install-windows-x64.exe (~1.4 MB) (64-bit build, Windows Vista and up, built with Visual Studio Community 2019)
- mosquitto-1.6.9-install-windows-x32.exe (~1.4 MB) (32-bit build, Windows Vista and up, built with Visual Studio Community 2019)

See also readme-windows.txt after installing.

Mac

Mosquitto can be installed from the homebrew project. See brew.sh and then use `brew install mosquitto`

Linux distributions with snap support

- `snap install mosquitto`

Debian

- Mosquitto is now in Debian proper. There will be a short delay between a new release and it appearing in Debian as part of the normal Debian procedures.
- There are also Debian repositories provided by the mosquitto project, as described at https://mosquitto.org/2013/01/mosquitto-debian-repository

https://slproweb.com/products/Win32OpenSSL.html

Screenshot of the Win32/Win64 OpenSSL Installer.

Download Win32/Win64 OpenSSL

Download Win32/Win64 OpenSSL today using the links below!

File	Type	Description
Win64 OpenSSL v1.1.1g Light EXE | MSI	3MB Installer	Installs the most commonly used essentials of Win64 OpenSSL v1.1.1g (Recommended for users by the creators of OpenSSL). Only installs on 64-bit versions of Windows. Note that this is a default build of OpenSSL and is subject to local and state laws. More information can be found in the legal agreement of the installation.
Win64 OpenSSL v1.1.1g EXE | MSI	63MB Installer	Installs Win64 OpenSSL v1.1.1g (Recommended for software developers by the creators of OpenSSL). Only installs on 64-bit versions of Windows. Note that this is a default build of OpenSSL and is subject to local and state laws. More information can be found in the legal agreement of the installation.
Win32 OpenSSL v1.1.1g Light EXE | MSI	3MB Installer	Installs the most commonly used essentials of Win32 OpenSSL v1.1.1g (Only install this if you need 32-bit OpenSSL for Windows. Note that this is a default build of OpenSSL and is subject to local and state laws. More information can be found in the legal agreement of the installation.
Win32 OpenSSL v1.1.1g EXE | MSI	54MB Installer	Installs Win32 OpenSSL v1.1.1g (Only install this if you need 32-bit OpenSSL for Windows. Note that this is a default build of OpenSSL and is subject to local and state laws. More information can be found in the legal agreement of the installation.
Win64 OpenSSL v1.0.2u Light	3MB Installer	Installs the most commonly used essentials of Win64 OpenSSL v1.0.2u (NOT recommended for use). Only installs on 64-bit versions of Windows. Note that this is a default build of OpenSSL and is subject to local and state laws. More information can be found in the legal agreement of the installation.
Win64 OpenSSL v1.0.2u	23MB Installer	Installs Win64 OpenSSL v1.0.2u (NOT recommended for use). Only installs on 64-bit versions of Windows. Note that this is a default build of OpenSSL and is subject to local and state laws. More information can be found in the legal agreement of the installation.
Win32 OpenSSL v1.0.2u Light	1MB Installer	Installs the most commonly used essentials of Win32 OpenSSL v1.0.2u (NOT recommended for use. Only install this if you need 32-bit OpenSSL for Windows. Note that this is a default build of OpenSSL and is subject to local and state laws. More information can be found in the legal agreement of the installation.
Win32 OpenSSL v1.0.2u	20MB Installer	Installs Win32 OpenSSL v1.0.2u (NOT recommended for use. Only install this if you are a software developer needing 32-bit OpenSSL for Windows. Note that this is a default build of OpenSSL and is subject to local and state laws. More information can be found in the legal agreement of the installation.

下載並安裝

Donate to Shining Light Productions

Shining Light Productions puts forth a lot of effort into developing Win32/Win64 OpenSSL. As such, if you find it useful, a time-saver, or helps to solve a frustrating problem, seriously consider giving a donation to continue developing this software.

Shining Light Productions uses PayPal for all donations because it is fast, easy, and secure.

A minimum $10.00 (US) donation is recommended for individuals. Businesses integrating Win32/Win64 OpenSSL into products must pay a minimum of $225 to help cover the cost of bandwidth. Businesses can alternatively pay smaller amounts on a regular basis (sponsorship).

Businesses: A $25/month recurring donation will get a logo and preferred placement on this page.

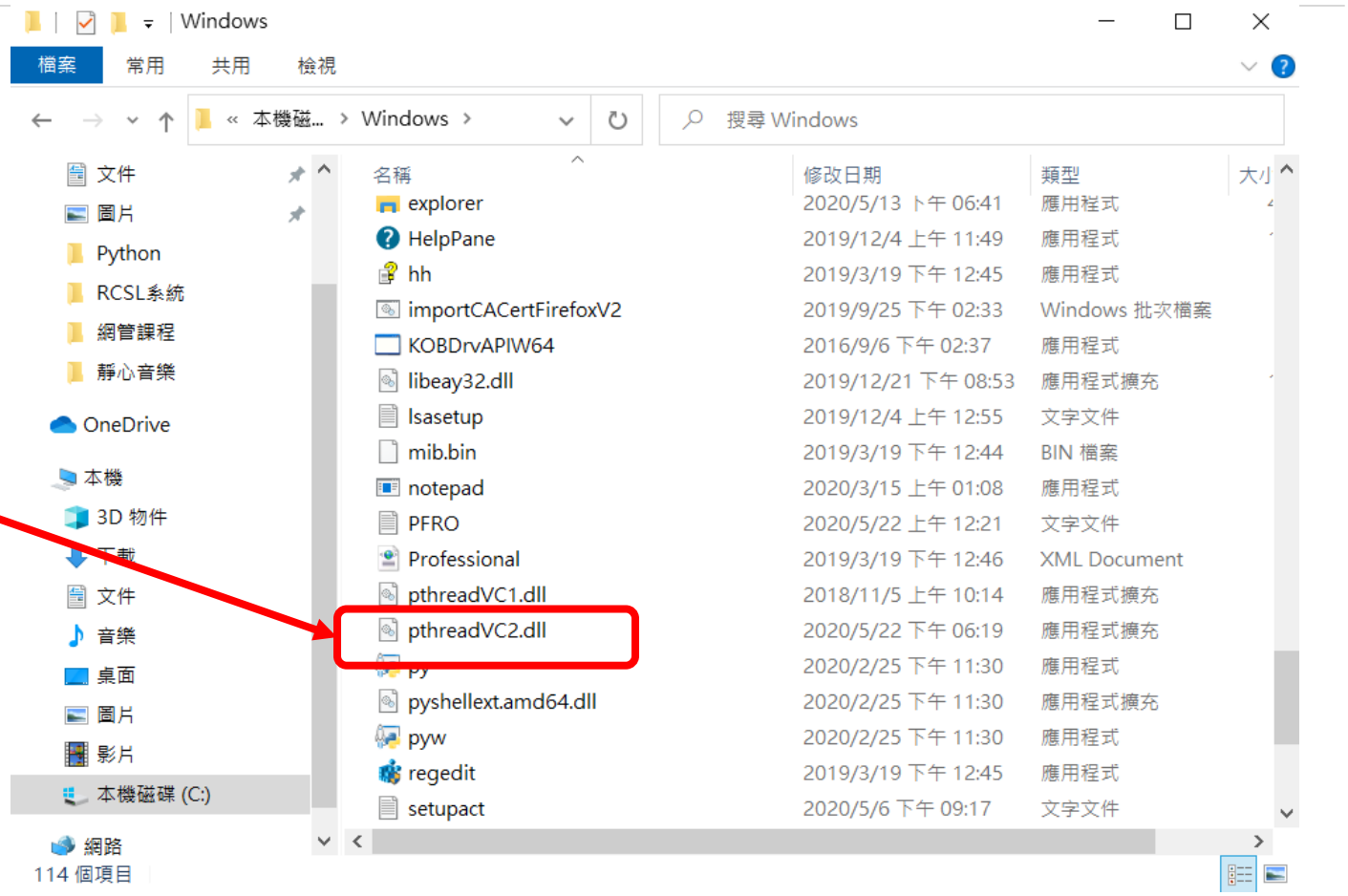
ftp://sources.redhat.com/pub/pthreads-win32/dll-latest/dll/x86/

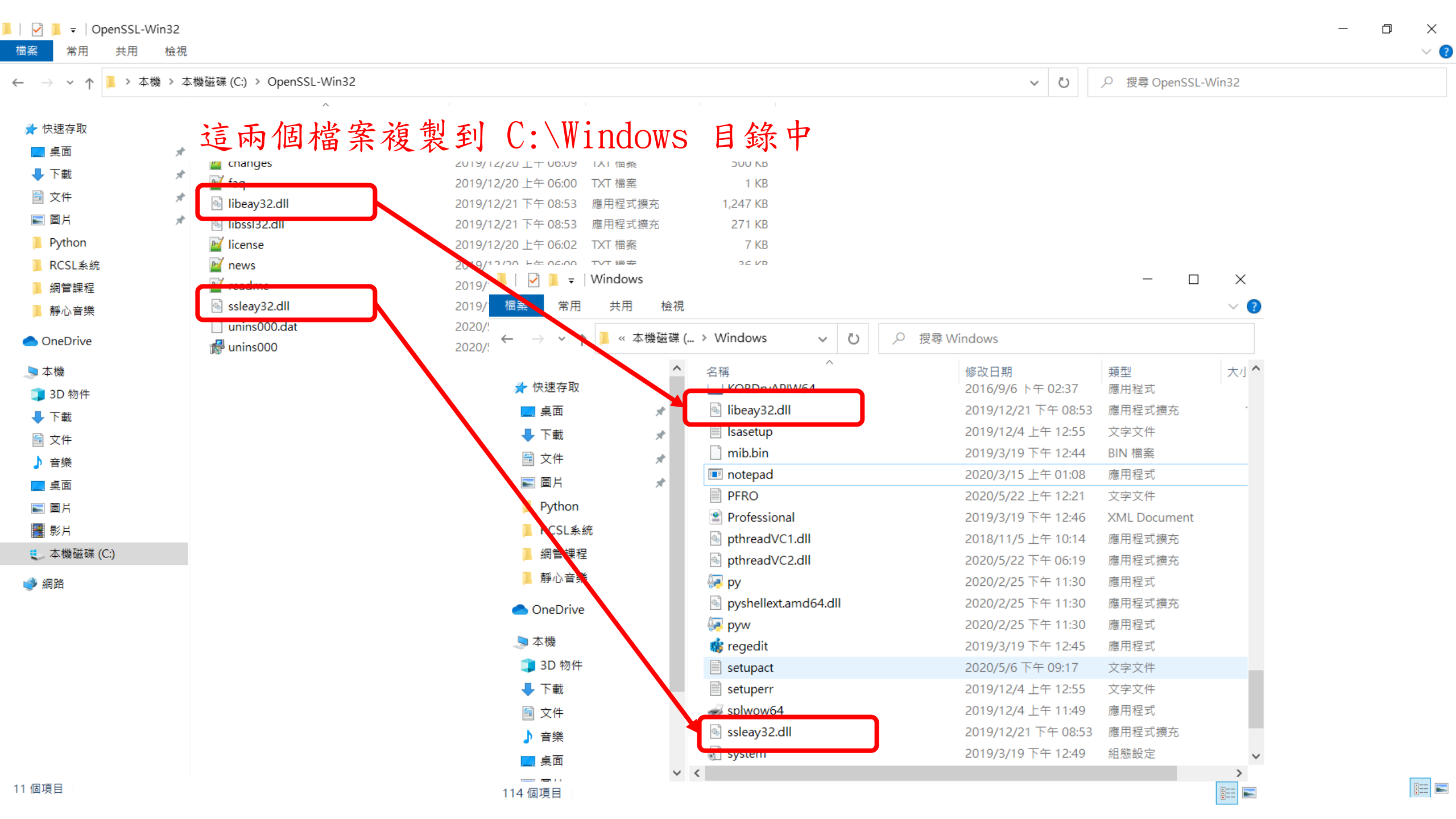
/pub/pthreads-win32/dll-latest/dll/x86/ 的索引

[父目錄]

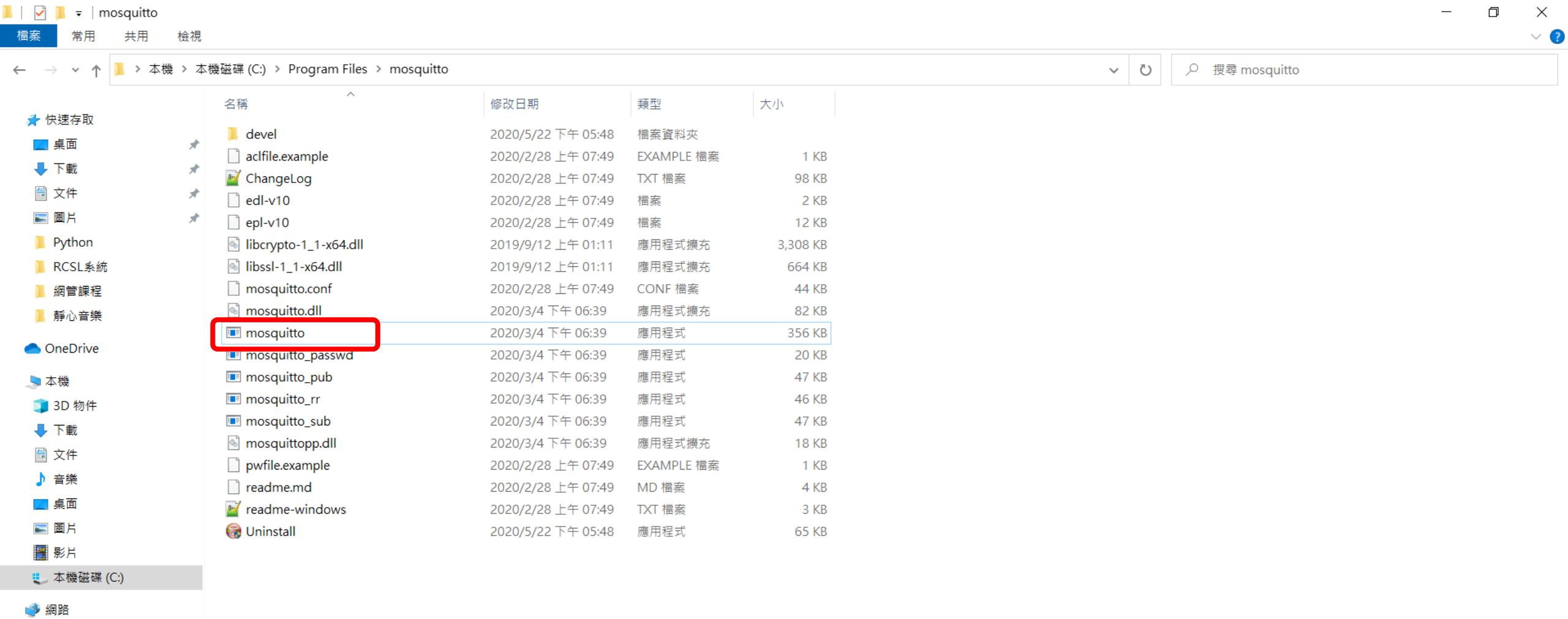
名稱	大小	已修改日期
md5.sum	293 B	2015/2/5 上午8:00:00
pthreadGC2.dll	117 kB	2012/5/27 上午8:00:00
pthreadGCE2.dll	119 kB	2012/5/27 上午8:00:00
pthreadVC2.dll	54.5 kB	2012/5/27 上午8:00:00
pthreadVCE2.dll	60.5 kB	2012/5/27 上午8:00:00
pthreadVSE2.dll	56.0 kB	2012/5/27 上午8:00:00
sha512.sum	866 B	2015/2/5 上午8:00:00

下載並複製到 C:\Windows 目錄中

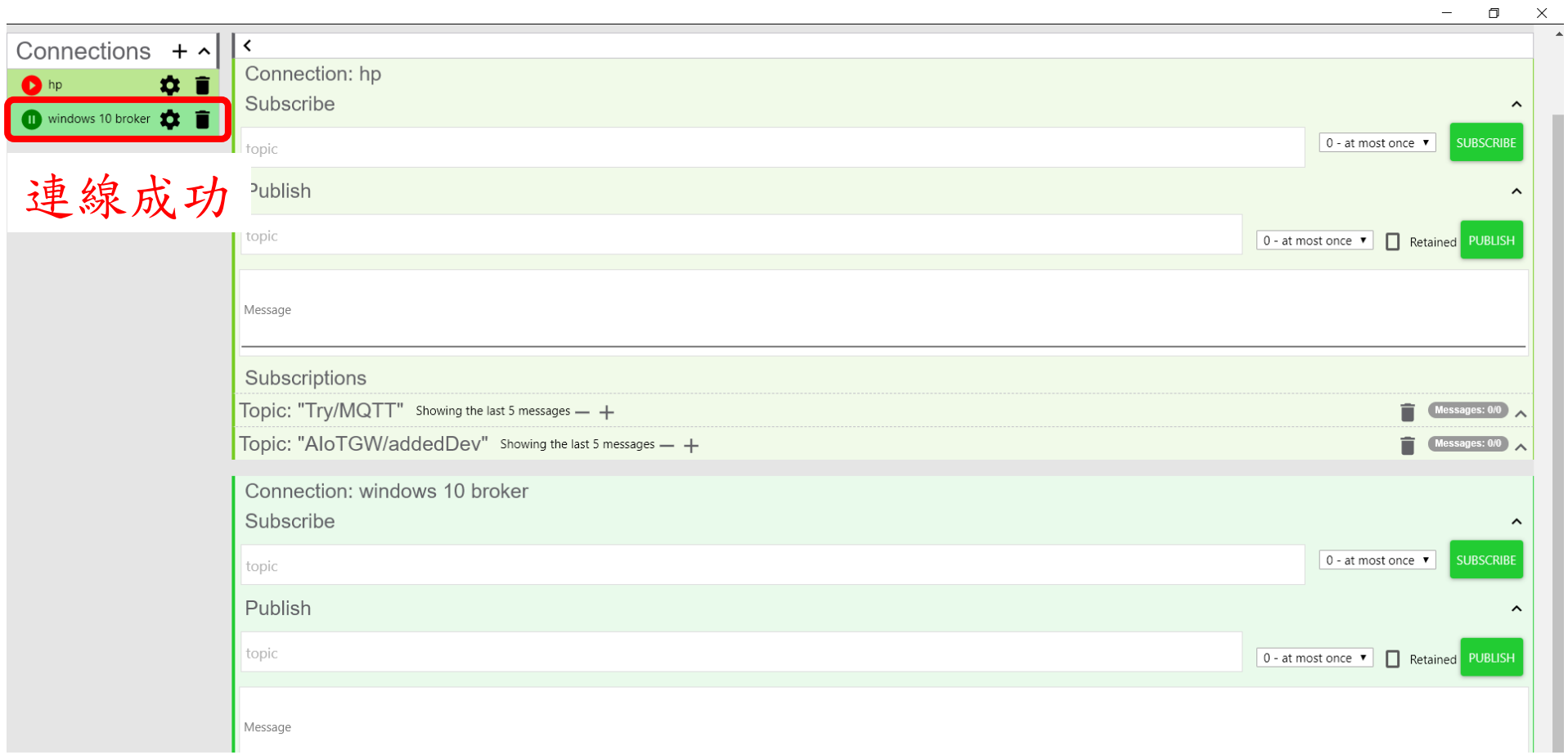



這兩個檔案複製到 C:\Windows 目錄中
OpenSSL-Win32
檔案 常用 共用 檢視
本機 › 本機磁碟 (C:) › OpenSSL-Win32
搜尋 OpenSSL-Win32
快速存取
桌面
下載
文件
圖片
Python
RCSL系統
網管課程
靜心音樂
OneDrive
本機
3D 物件
下載
文件
音樂
桌面
圖片
影片
本機磁碟 (C:)
網路
changes
faq
libeay32.dll
libssl32.dll
license
news
readme
ssleay32.dll
unins000.dat
unins000
2019/12/20 上午 06:00 TXT 檔案 1 KB
2019/12/21 下午 08:53 應用程式擴充 1,247 KB
2019/12/21 下午 08:53 應用程式擴充 271 KB
2019/12/20 上午 06:02 TXT 檔案 7 KB
11 個項目
Windows
檔案 常用 共用 檢視
« 本機磁碟 (... › Windows
搜尋 Windows
名稱 修改日期 類型 大小
libeay32.dll 2019/12/21 下午 08:53 應用程式擴充
lsasetup 2019/12/4 上午 12:55 文字文件
mib.bin 2019/3/19 下午 12:44 BIN 檔案
notepad 2020/3/15 上午 01:08 應用程式
PFRO 2020/5/22 上午 12:21 文字文件
Professional 2019/3/19 下午 12:46 XML Document
pthreadVC1.dll 2018/11/5 上午 10:14 應用程式擴充
pthreadVC2.dll 2020/5/22 下午 06:19 應用程式擴充
py 2020/2/25 下午 11:30 應用程式
pyshellext.amd64.dll 2020/2/25 下午 11:30 應用程式擴充
pyw 2020/2/25 下午 11:30 應用程式
regedit 2019/3/19 下午 12:45 應用程式
setupact 2020/5/6 下午 09:17 文字文件
setuperr 2019/12/4 上午 12:55 文字文件
splwow64 2019/12/4 上午 11:49 應用程式
ssleay32.dll 2019/12/21 下午 08:53 應用程式擴充
system 2019/3/19 下午 12:49 組態設定
114 個項目

到安裝目錄C:\Program Files\mosquitto執行mosquitto



Windows 10 安裝mosquitto broker連線測試結果



實測結果(使用隨機產生模擬資料)

Thonny - C:\Users\CWWei\AppData\Local\Programs\Thonny\mqttsub.py @ 19 : 22

File Edit View Run Device Tools Help

mqttpub.py × mqttsub.py ×

```
1  #Subscriber
2  import paho.mqtt.client as mqtt
3
4  def on_connect(client, userdata, flags, rc):
5      print("Connected with result code" +str(rc))
6      client.subscribe("LED")
7
8  def on_message(client, usersata, msg):
9      print(msg.topic + "  " + str(msg.payload))
10     if (msg.payload == b'Turn on led'):
11         print("Now LED is On.")
12     if (msg.payload == b'Turn off led'):
13         print("Now LED is Off.")
14
15 client = mqtt.Client()
16 client.on_connect = on_connect
17 client.on_message = on_message
18 client.connect("localhost", 1883, 60)
19 client.loop_forever()
```

Shell ×

```
Now LED is Off.
LED  b'Turn off led'
Now LED is Off.
LED  b'Turn on led'
Now LED is On.
LED  b'Turn off led'
Now LED is Off.
LED  b'Turn on led'
Now LED is On.
LED  b'Turn on led'
Now LED is On.
LED  b'Turn off led'
Now LED is Off.
LED  b'Turn on led'
Now LED is On.
```

C:\Windows\system32\cmd.exe - python mqttpub.py

```
********************************************************************************
Some Python commands in the PATH of this session:
 - python    == C:\Users\CWWei\AppData\Local\Programs\Thonny\python.exe
 - pip       == C:\Users\CWWei\AppData\Local\Programs\Thonny\Scripts\pip.exe
 - pip3      == C:\Users\CWWei\AppData\Local\Programs\Thonny\Scripts\pip3.exe
 - pip3.7    == C:\Users\CWWei\AppData\Local\Programs\Thonny\Scripts\pip3.7.exe

********************************************************************************

C:\Users\CWWei\AppData\Local\Programs\Thonny>python mqttpub.py
PRstatus =  0
PRstatus =  0
PRstatus =  0
PRstatus =  1
PRstatus =  1
PRstatus =  0
PRstatus =  0
PRstatus =  0
PRstatus =  1
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PRstatus =  1
PRstatus =  0
PRstatus =  1
PRstatus =  0
PRstatus =  0
```

參考網站

- http://rocksaying.tw/archives/2017/MQTT-4-Install-mosquitto-on-windows.html