

ESP32批量燒錄

硬體設備:

1. PC(Win7 or Win10 64bits)
2. ESP32
3. Micro USB 線

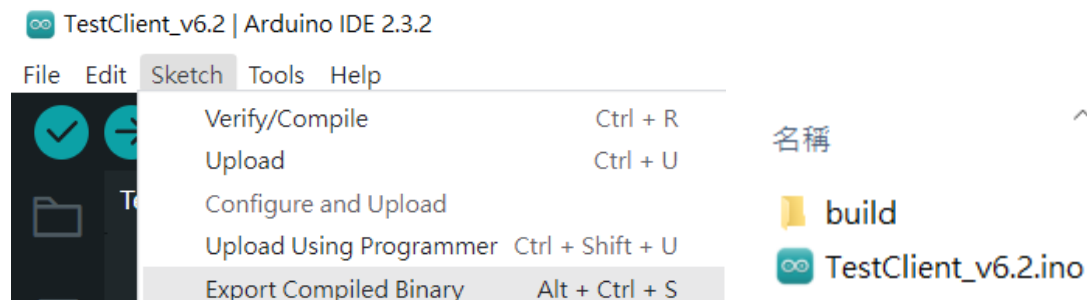
軟體:

1. Arduino IDE (此次版本2.3.2)
2. USB driver
3. Flash download 工具

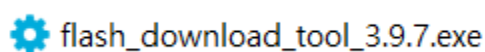
https://docs.espressif.com/projects/esp-test-tools/zh_CN/latest/esp32/production_stage/tools/flash_download_tool.html

開始燒錄:

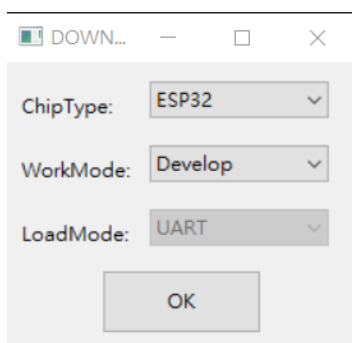
1. 取得.bin 檔案, 檔案自動生成於build 檔案夾中。



2. 點開flash燒錄工具執行檔案。

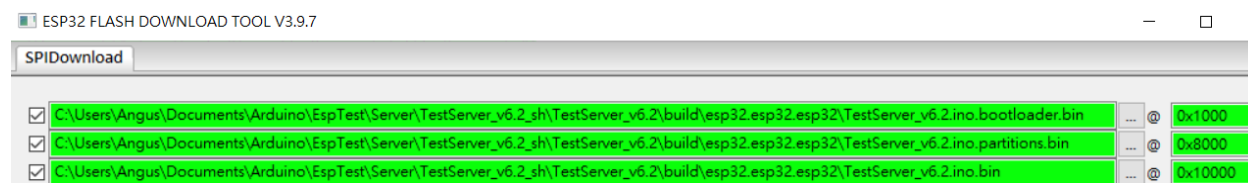


2.1選擇參照下圖。



2.2從build的檔案夾中勾選3個檔案, 並設定位置如下:

xxx.ino.bootloader.bin @ 0x1000
 xxx.ino.partitions.bin @ 0x8000
 xxx.ino.bin @ 0x10000



2.3 SPI SPEED ,SPI MODE & BAUD 設置如下, 接著選擇連接ESP32的COM。

The image shows a software interface for configuring SPI flash. The main window is titled "SPIFlashConfig" and contains several sections:

- SPI SPEED:** Radio buttons for 40MHz (selected), 26.7MHz, 20MHz, and 80MHz.
- SPI MODE:** Radio buttons for QIO, QOUT, DIO (selected), DOUT, and FASTRD.
- Buttons:** "DoNotChgBin" (checked), "LockSettings" (unchecked), "CombineBin", and "Default".
- DetectedInfo:** A text area showing "flash vendor: 68h : 8Y", "flash devID: 4016h", "QUAD;4MB", and "crystal: 40 Mhz".

To the right of the main window, there are two input fields:

- COM:** A dropdown menu showing "COM3".
- BAUD:** A text input field showing "115200".

- 2.4 按下  , 完成後顯示  , 即可斷開ESP32與MicroUSB 連接。
- 2.5 批量燒錄則維持ESP32 Flash 視窗所有設定, 重覆2.4即可。