

1 參考連結

<https://github.com/JChristensen/Timer>

2 下載 library

<https://codeload.github.com/JChristensen/Timer/zip/master>

3 加入 library

Sketch > Include Library > Add .ZIP Library > select the downloaded file > Open

4 匯入 Timer library

Sketch > Include Library > Timer-2.1

5 畫面會#include 兩個檔案，<Event.h>及<Timer.h>

6 宣告 Timer t;在 void setup(void)之外

```
43 #define _PIN_7_ 24
44
45 Timer t;
46
47 void setup() {
48
49     Serial.begin(9600);
50
51     Serial.println("Hello QuickBLE EVB");
52 }
```

7 void loop()內放置 t.update()

```
71 void loop() {
72     t.update();
73
74     // Do something here...
75 }
```

8 void setup()內放置 doSomething，每隔 1000ms 觸發

```
1 void setup() {
2
3     t.every(1000, doSomething);
4
5     Serial.begin(9600);
6 }
```

9 加入 void doSomething()函數，此函數每隔 1000ms 會呼叫一次

```
1 void doSomething()
2 {
3     Serial.println("One Sec.");
4 }
```

呼叫後每隔 1s 印出 One Sec.