

如何註冊ThingSpeak並建立Channel

劉正吉

ThingSpeak網站能讓我們將感應器偵測到的數據，例如溫、濕度資料，透過網路即時傳到該網站並儲存下來，畫成圖表或是提供資料下載，實現物聯網以及大數據分析。

1. 先到ThingSpeak網站註冊一個帳號，<https://thingspeak.com>

Sign up for ThingSpeak

It is free to sign up for ThingSpeak. Free accounts offer a fully functional experience on ThingSpeak with limits on certain functionality. Commercial users may sign up for a time-limited free evaluation. To send data faster to ThingSpeak or to send more data, consider our [paid license options](#) for commercial, academic, home and student usage. To start using ThingSpeak you must create a new MathWorks account, or, click cancel and log in using an existing MathWorks account.

Create MathWorks Account

Email Address

To access your organization's MATLAB license, use your school or work email.

Location

Taiwan

First Name

Last Name

Diagram: SMART CONNECTED DEVICES → DATA AGGREGATION AND ANALYTICS (ThingSpeak) → MATLAB (ALGORITHM DEVELOPMENT SENSOR ANALYTICS)

2. 接著到自己註冊時的信箱收取認證信，並點選「verify your email」

mail.google.com/mail/u/0/#inbox/FMfcgwxDrbqHQRMrvtJNDfJgrszlWQc

Gmail 搜尋郵件

service@mathworks.com 寄給我

下午8:22 (1分鐘前)

英文 中文 (繁體) 翻譯郵件

關閉下列語言的翻譯功能：英文

To ensure our e-mails reach your inbox, add the domain [@mathworks.com](#) to your safe sender list.

MathWorks

Thank you for registering with MathWorks!

Next, please verify this email address for your MathWorks Account.

Verify your email

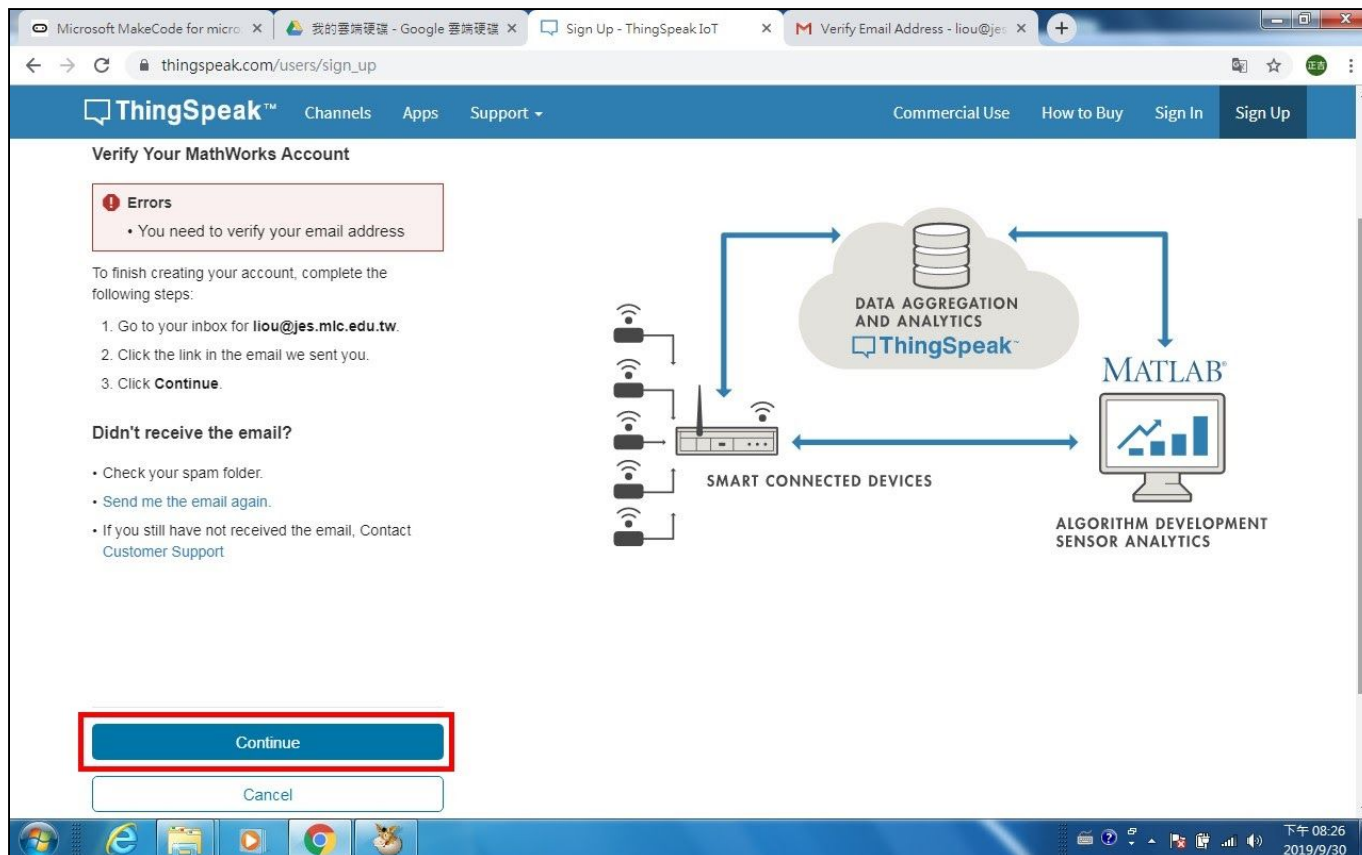
Alternatively, copy and paste the following link into your browser:

[\[Link\]](#)

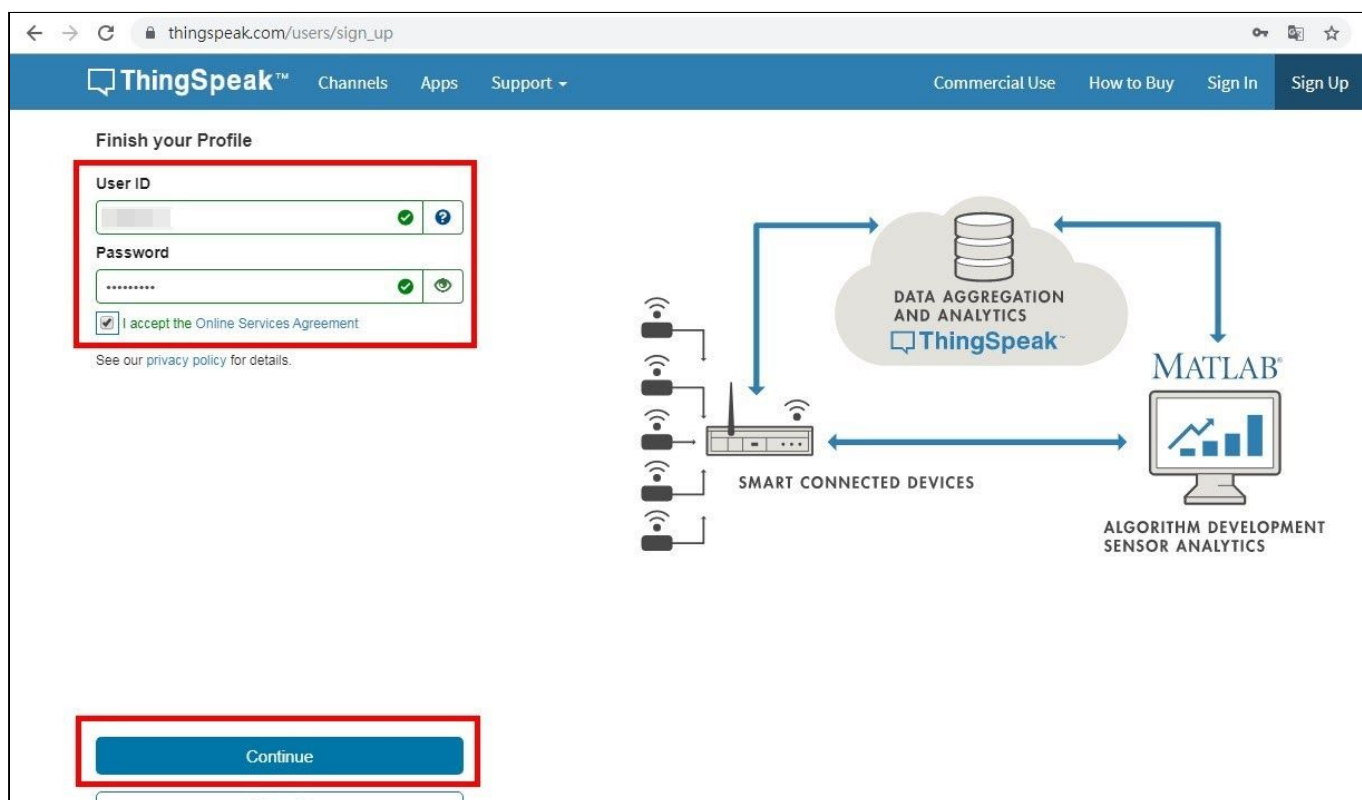
MathWorks Customer Service Team

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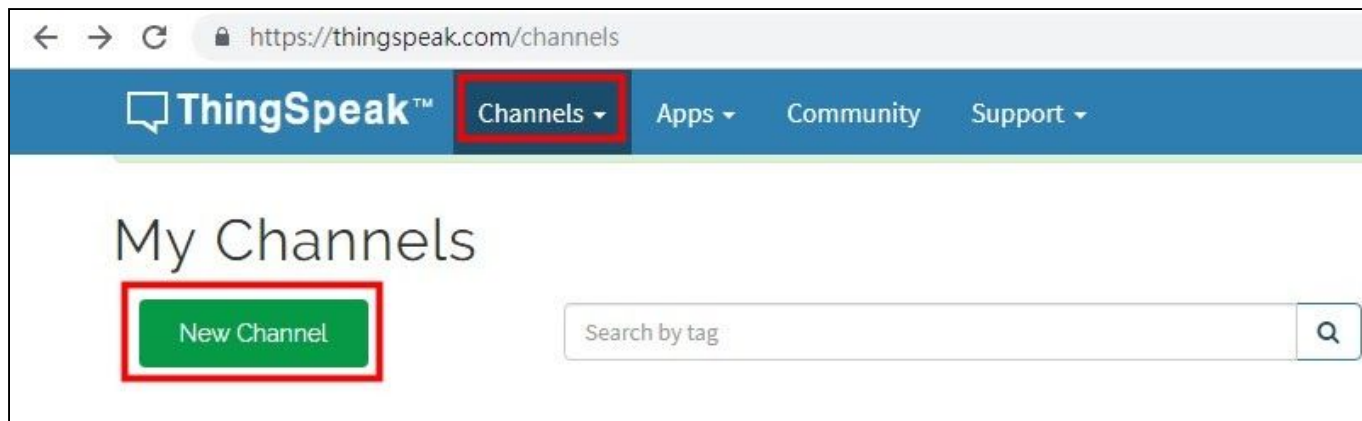
3. 回到thingspeak網站，點選「continue」按鈕



4. 輸入想要使用的帳號及密碼，並打勾後，點選「continue」即完成註冊及登錄。



5. 建立新的Channel，在Channels選單下，點選「New Channel」按鈕。



6. 輸入Channel名稱，以及要收集資料用的欄位名稱，輸入完之後，按下「Save Channel」按鈕

A screenshot of the 'New Channel' form on the ThingSpeak website. The form has a blue header with 'ThingSpeak™', 'Channels', 'Apps', and 'Support'. The main heading is 'New Channel'. To the right of this heading is a red annotation: '這裡要輸入Channel名稱' (Here you input the Channel name), with a red arrow pointing to the 'Name' input field which contains '環境資料收集'. Below the 'Name' field is a 'Description' text area. Further down are two fields: 'Field 1' and 'Field 2'. 'Field 1' contains '溫度' and 'Field 2' contains '濕度'. Both fields have a checked checkbox to their right. A red box highlights these two fields, and a red arrow points from a red annotation below, '將需要的欄位打勾，並輸入一個名稱' (Check the required fields and input a name), to the checkboxes.

7.Channel建立好之後，點選「API Keys」的頁籤，會看到這個Channel的寫入金鑰(Write API Key)，請將它複製下來。

ThingSpeak™

Channels ▾

Apps ▾

Community

Support ▾

WFduino_light

Channel ID: **803279**

2019/6/22收集光線資料

Author: [liounet](#)

Access: Private

Private View

Public View

Channel Settings

Sharing

API Keys

Data

Write API Key

Key

Generate New Write API Key

Read API Keys

Key

Note