

ESP32 to The Moon

Digital Internet of Things Course

Chiang Mai Technical College

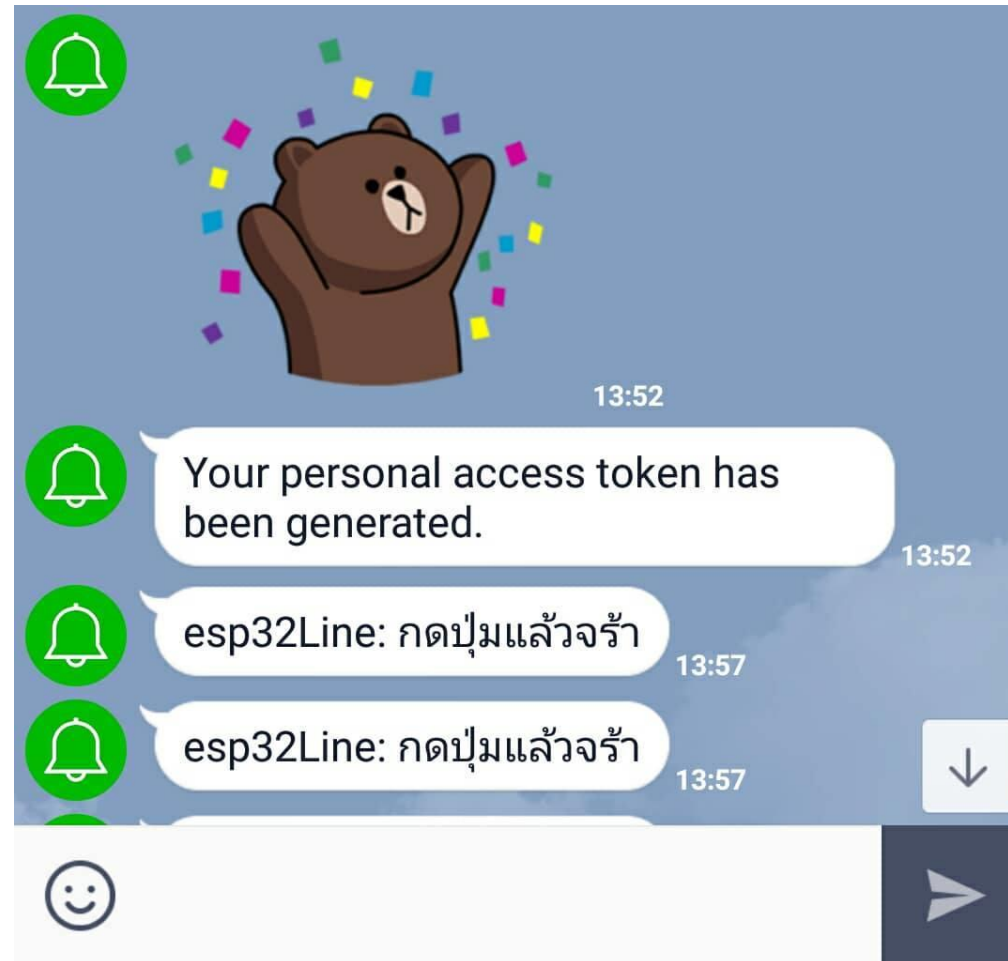


Introduce

- ESP32 to [Thingspeak.com](https://thingspeak.com)
- ESP32 to [CloudMqtt.com](https://cloudmqtt.com)
- ESP32 to [Line Notification](#)



ESP32 to Line Notification



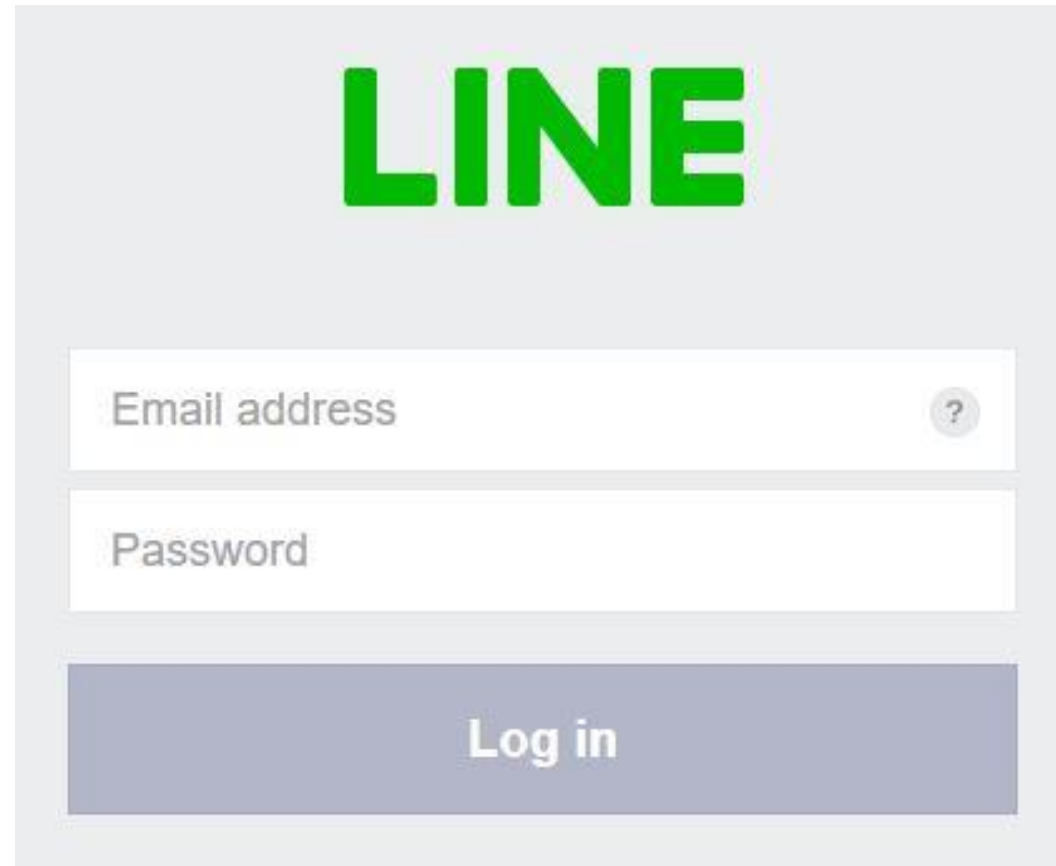
ESP32 to Line Notification



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ESP32 to Line Notification



The image shows a simplified LINE login interface. At the top, the word "LINE" is written in large, bold, green capital letters. Below it, there are two white input fields with light gray borders. The first field is labeled "Email address" in gray text and has a small gray circle with a question mark on its right side. The second field is labeled "Password" in gray text. Below these fields is a wide, dark gray button with the text "Log in" in white, centered.



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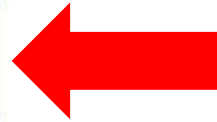
ESP32 to Line Notification

Generate access token (For developers)

By using personal access tokens, you can configure notifications without having to add a web service.

Generate token

LINE Notify API Document



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Generate token

Please enter a token name to be displayed before each notification.


Hello32

Select a chat to send notifications to.


Search by group name




1-on-1 chat with LINE Notify




2017LEXinJapan



Basic Arduino for ME






CM Digital Cluster



CMMC + CMU Fine Arts

Note: Revealing your personal access token can allow a third party to obtain the names of your connected chats as well as your profile name.

Generate token



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Generate token

Please enter a token name to be displayed before each notification.

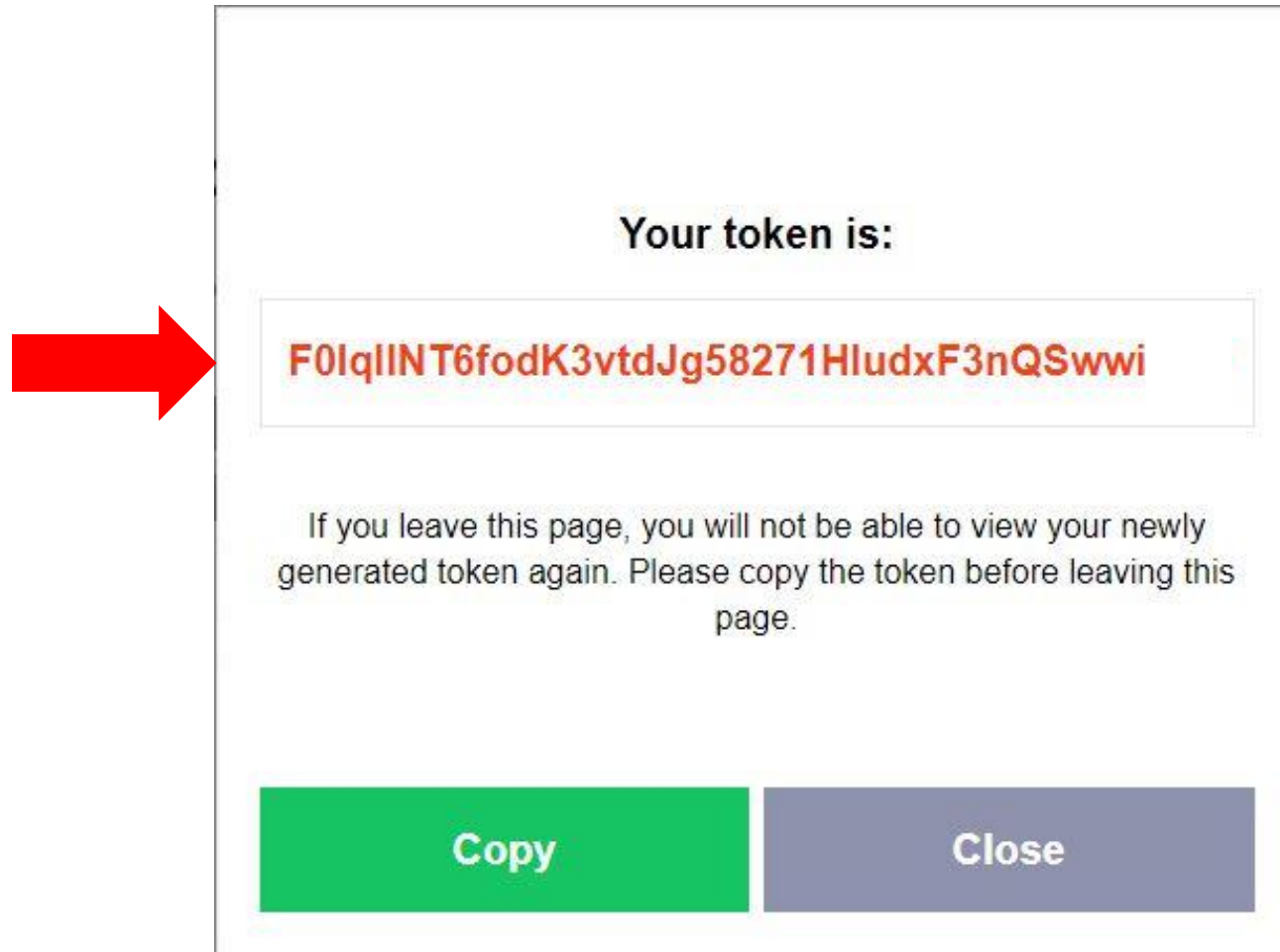
Hello32

Select a chat to send notifications to.

Search by group name

1-on-1 chat with LINE Notify

ESP32 to Line Notification



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Connected services

Your connected services. Press the Disconnect button to disconnect any service.

 > 

2017.10.17 15:52

From: **esp32Line**

To: **SuperMan**



Disconnect



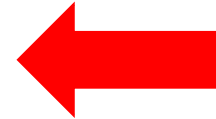
ESP32 to Line Notification



ESP32 to Line Notification

esp32Line \$

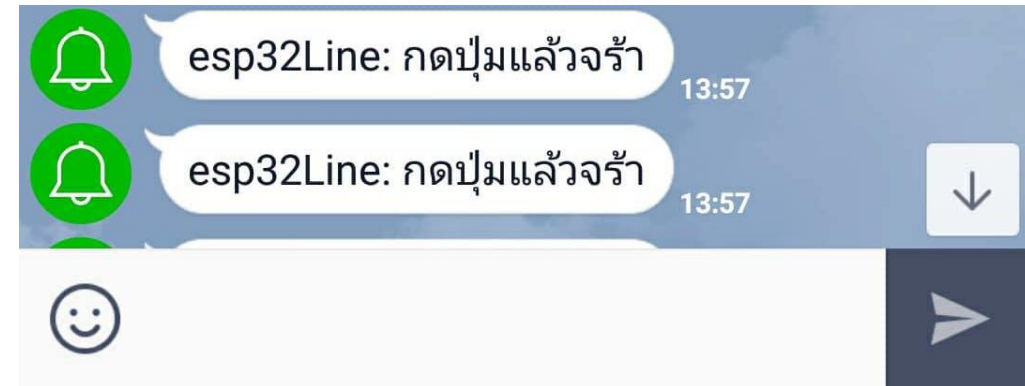
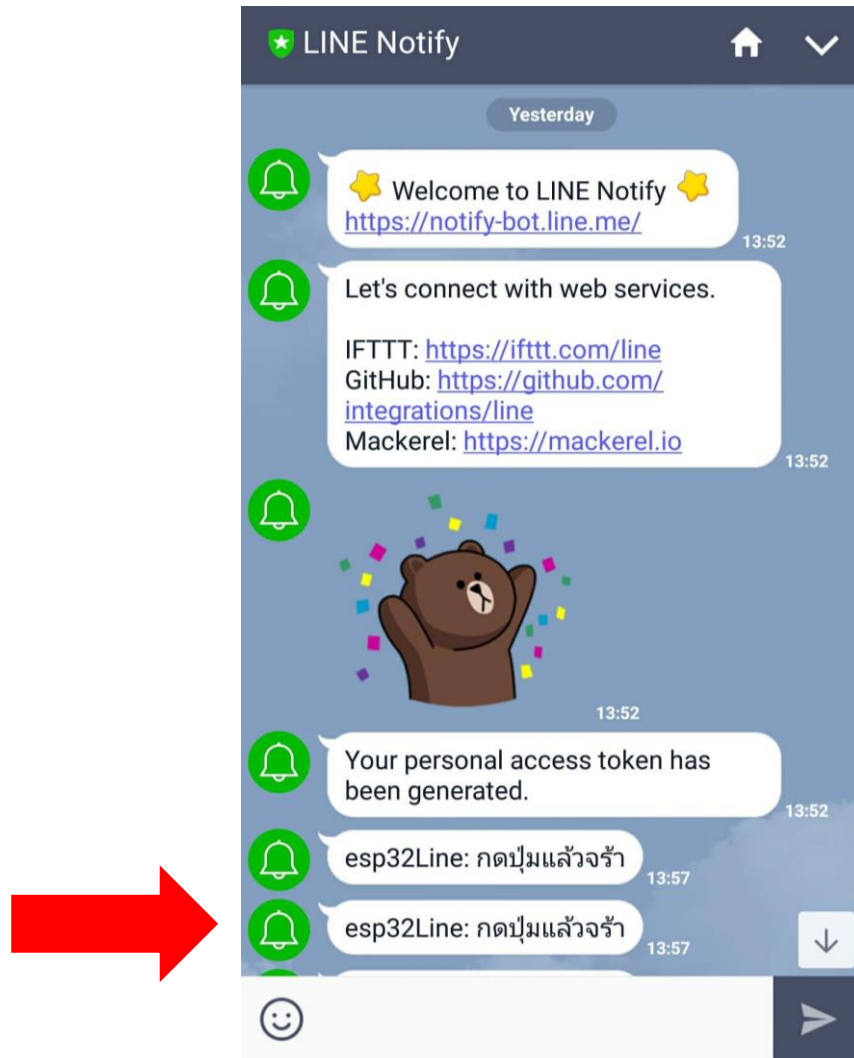
```
1 #include <WiFi.h>
2 #include <WiFiClientSecure.h>
3
4 #define LINE_TOKEN      "xxxxxxxxx"
5 #define WIFI_STA_NAME   "xxxxxxxxx"
6 #define WIFI_STA_PASS   "xxxxxxxxx"
```



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ESP32 to Line Notification



ESP32 to Line Notification


```
17 String payload = "message=" + message;
18 String req = "";
19 req += "POST /api/notify HTTP/1.1\r\n";
20 req += "Host: notify-api.line.me\r\n";
21 req += "Authorization: Bearer " + String(LINE_TOKEN) + "\r\n";
22 req += "User-Agent: esp32Line\r\n";
23 req += "Content-Type: application/x-www-form-urlencoded\r\n";
24 req += "Content-Length: " + String(payload.length()) + "\r\n";
25 req += "\r\n";
26 req += payload;
27 // Serial.println(req);
28 client.print(req);
```



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```
70 Serial.println("Send message to Line");  
71 LINE_Notify("%E0%B8%AA%E0%B8%A7%E0%B8%B1%E0%B8%AA  
72
```

<https://www.freeformatter.com/url-encoder.html#ad-output>



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