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● **FAQ-APP-02: UA Web UI Function Wizard – APP Message Notify - How to set up Line Message Notify on the IFTTT Website?**

UA Function combines the IFTTT cloud platform. When the special events occur, it will trigger the IFTTT and send the message to the IFTTT-related cloud services (such as Line, Twitter, Gmail...)



The settings for sending the message to the APP with the "IFTTT Condition Trigger (Line, Twitter)" function includes two parts:

1. **IFTTT Cloud Platform Setting: (Introduced in this FAQ-app-02)**

In the IFTTT website, set up the "if" side service and event (**this**: use **webhooks** for the UA), the "then" side service and action (**that**: user can select the service, such as the Line, twitter, etc.). And then fill the "Event Name" and "Key" getting from the IFTTT website setting into the "Content Setting" of the UA We HMI.



2. **UA Web Interface Setting: (Refer to FAQ-app-01 or UA Manual Section 5.5.2_Advanced Setting > IFTTT ...)**

In the UA Web HMI, set up the UA controller, modules, IFTTT trigger conditions, the condition variable table, and the IFTTT event connection. (Fill the **Event Name** and **Key** from IFTTT website into the "Content Setting" of the UA Web UI.)

This document introduces the IFTTT website setting part. After complete the setting, the user will set up an "Event Name" and get a "Key", please input them to the IFTTT Condition Trigger setting page in the UA Web HMI setting.

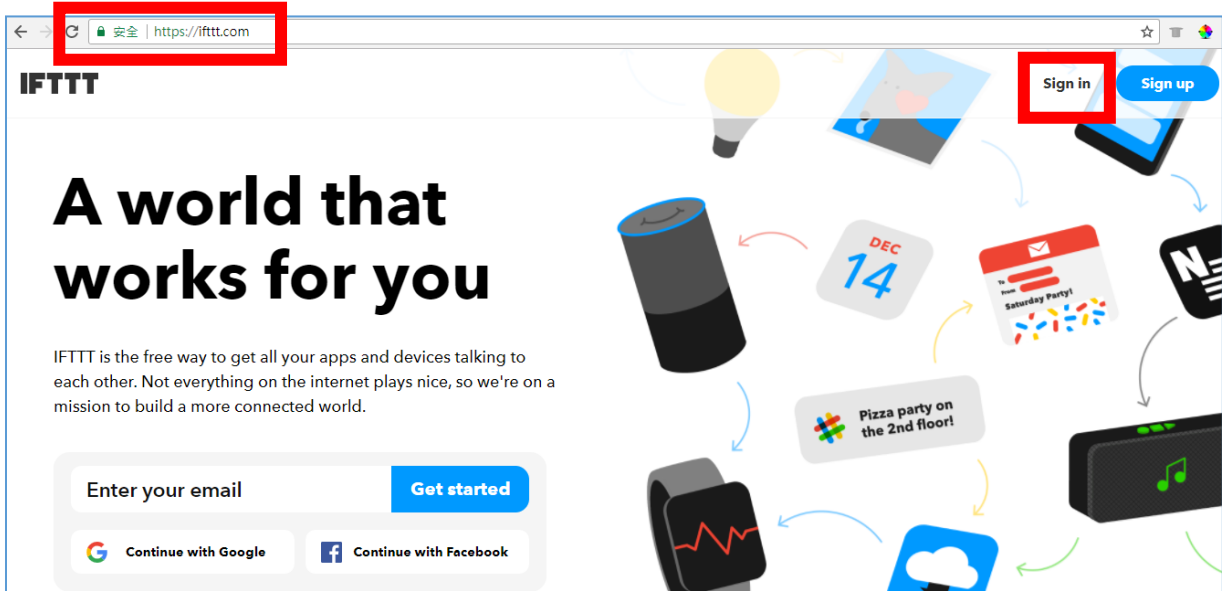
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This IFTTT setting example will **send a message to the APP Line service**. IFTTT provides hundreds of Web or APP services (Ex: Line, Twitter, Gmail...). The setting is in a similar way. Users can follow the steps below for **Line** to set up own APP.

● IFTTT Website Setting Steps

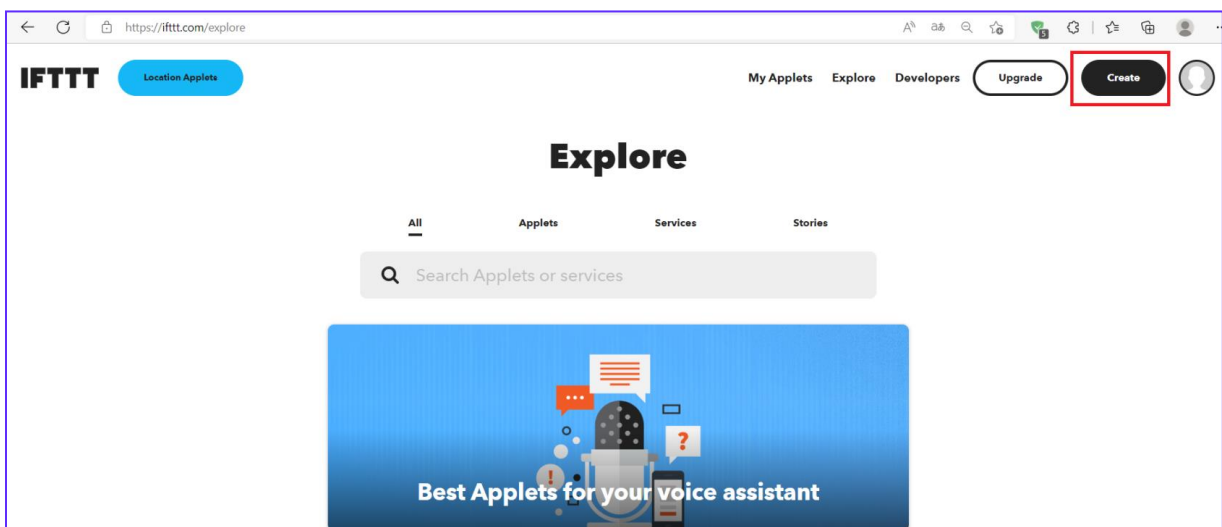
1. Login in IFTTT website

Sign in IFTTT: <https://ifttt.com/>. If you never use the IFTTT, sign up a member.



2. Click "Create"

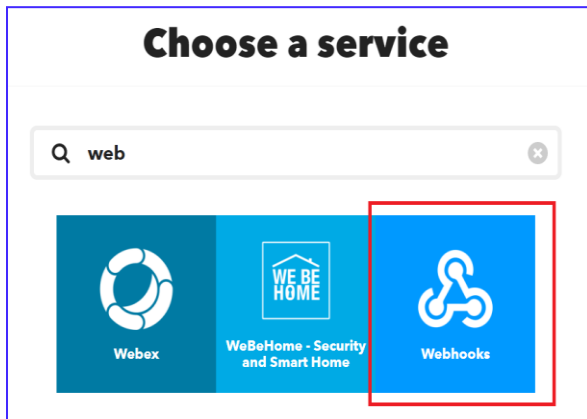
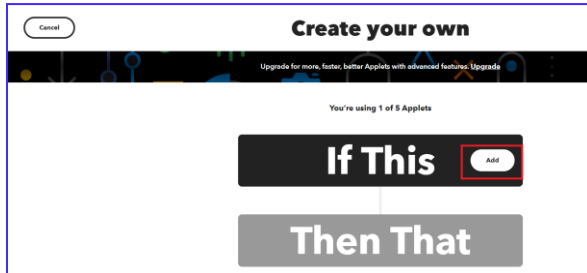
After logging in to the IFTTT website, click the "Create" button in the upper right corner.



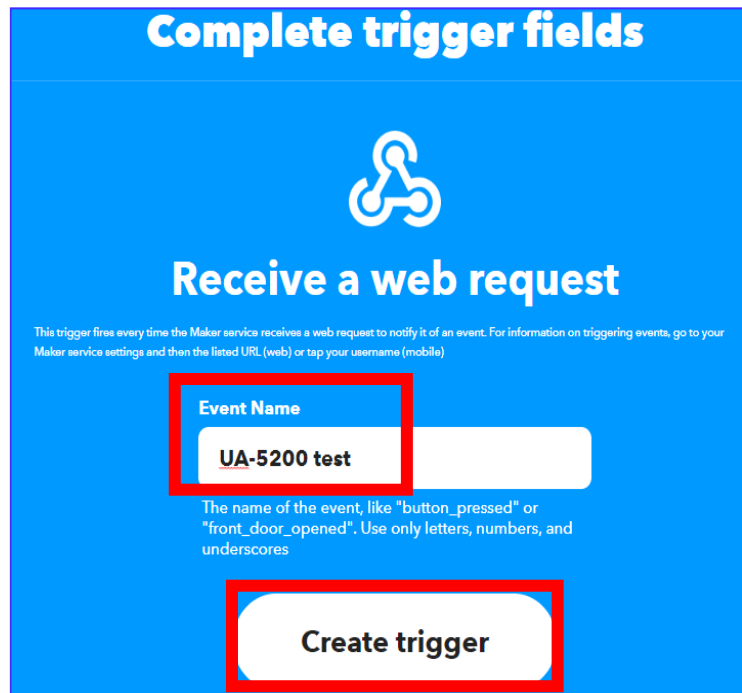
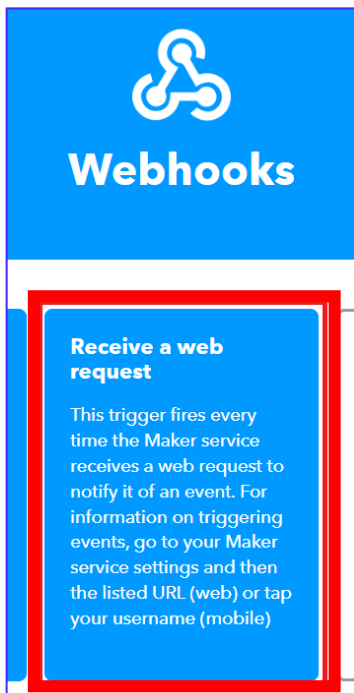
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3. Set up "If This"

Click the "Add" button in the "If This" box to add the event. Choose the Service of "Webhooks".



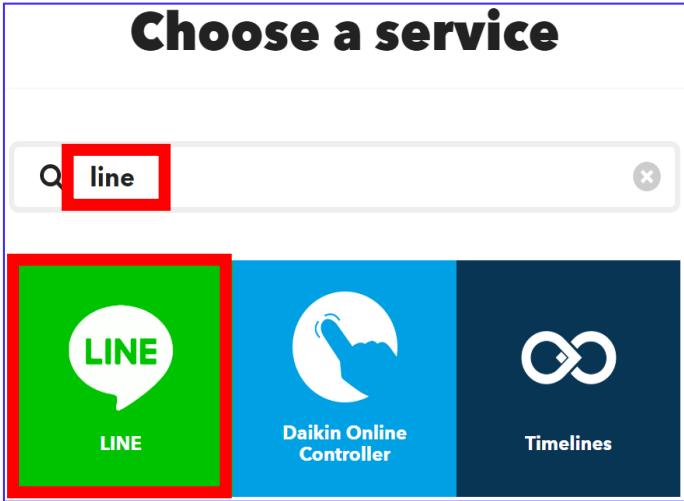
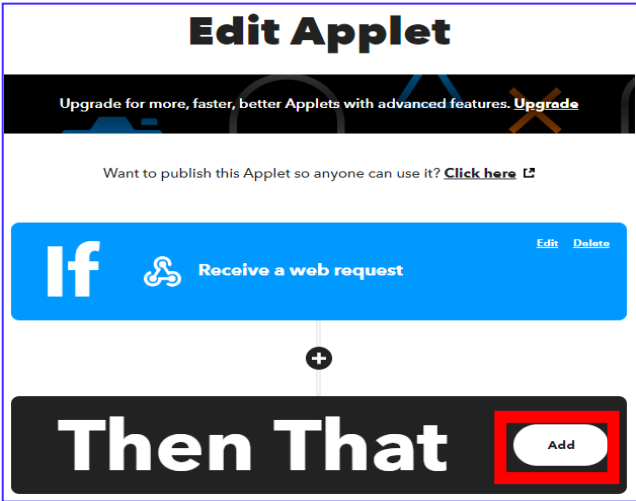
Choose the trigger of "Receive a web request", and enter the "Event Name" you want, for example "UA-5200 test" (note that the capitalization is different), users can define a new name by case and then click "Create trigger". (Note: write down the set Event name, and then use it to fill in the "Event Name" field of the UA web UI Advanced Setting > IFTTT Condition Trigger > Content Setting, see FAQ-app-01 or UA User Manual 5.5.2.)



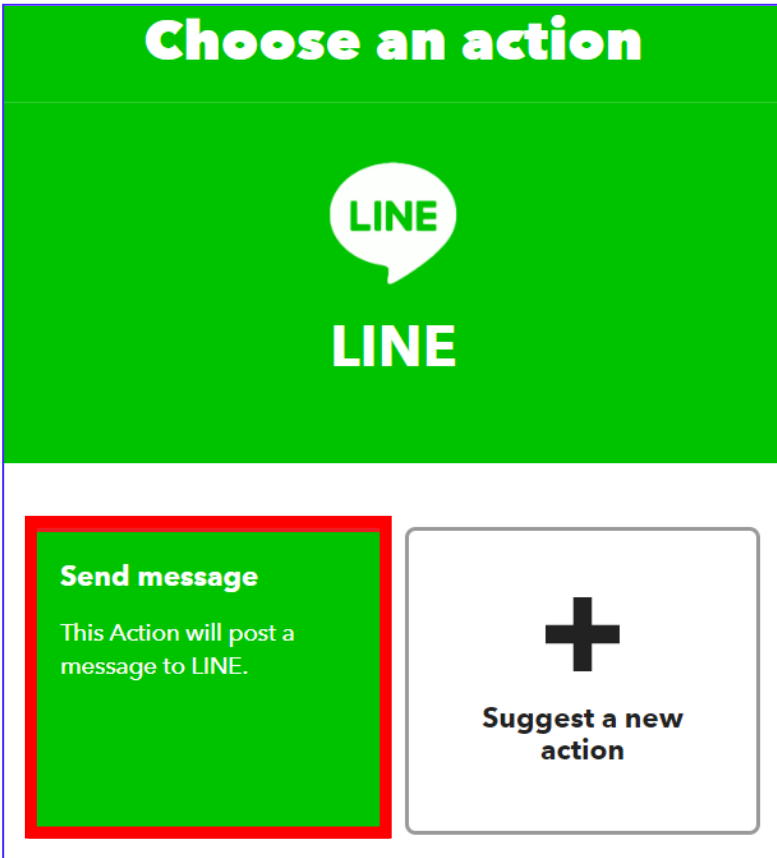
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4. Set up “Then That”

Now set up the Then That. Click the “Add” button, and choose the “LINE” service.



Choose the action “Send message”, that will post a message to LINE.



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Step Descriptions:

“**Recipient**”: Choose a name in the field to receive the LINE Notify message. It can be a LINE user or LINE group (It will auto show the names and groups of the connecting LINE account. If choose a LINE group, **add LINE Notify into that group**, then all the members in group will receive the message.)

“**Message**”: Set up the message content. It can be English or Chinese, Ex: “外門 test”. The user also can use the default value “Value1: {{Value1}}”, it will send the message content that setting in the “Define Message” field of the UA Web HMI [IFTTT Condition Trigger > Condition Table]. (The message will list the module name code plus the I/O variable code as the picture below. Refer to FAQ-app-01 or the UA Manual Section 5.5.2). The user can choose one depending on your need.

At last, click “Create action”.

Define Message

MRTU_No.1_M-7_AI

Send message
This Action will post a message to LINE.

LINE account

Recipient: Choose 1 to 1 or Group (as the right picture)

Recipient
1-on-1 chat with LINE Notify

Message destination
game

Message
外門 test

Message:

- 1 Can be English and Chinese (as the left pic).
- 2 Can use the default {Value1} that set in the UA Web HMI (as the right up pic).
- 3 User message + Default: as the right pic “ICPDAS test” + {Value1}.

Message
ICPDAS_test
Value 1: {{Value1}}

Photo URL

Photo
If use the default Values, it can only use the {Value1}. The others Value (2, 3...) are no used.

Create action

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Click "Continue".

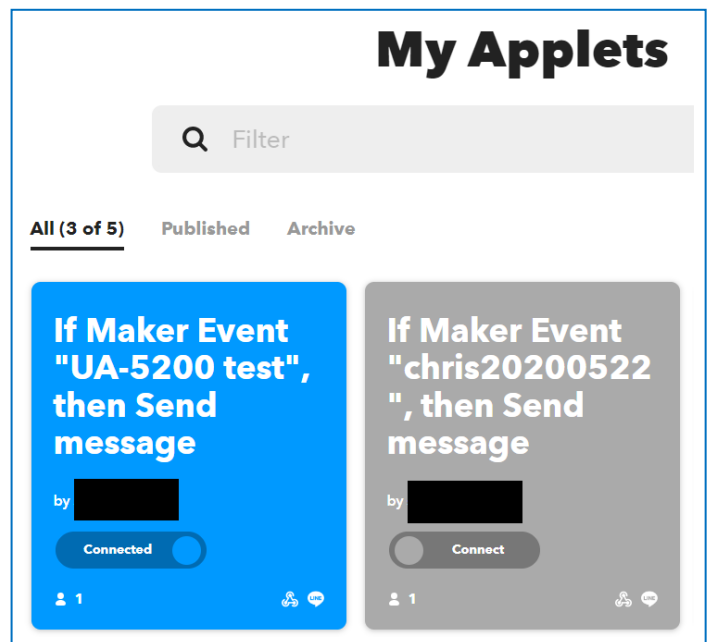
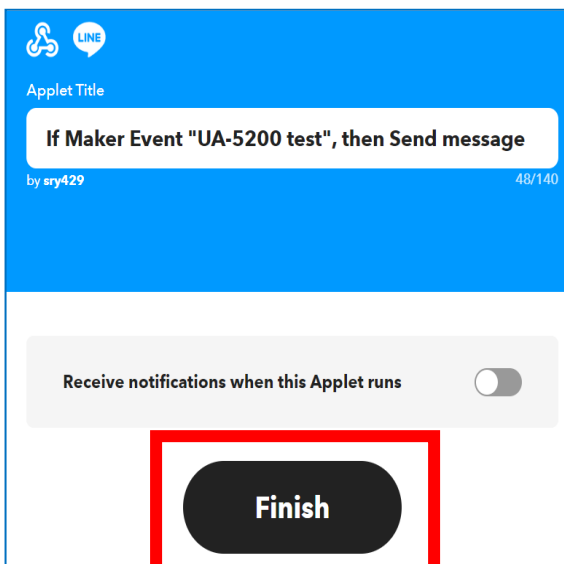


5. Finish IFTTT Setting

When complete the Applet setting, the picture is like the left picture. You can click "Back" button to review and change the setting.

Click "Finish" button when all set. The "Applet" will show in the "My Applets", and link the "Webhooks" and "LINE", and has a UA test" event to send a message.

Next, we will introduce how to get the "Key" and test the event message.



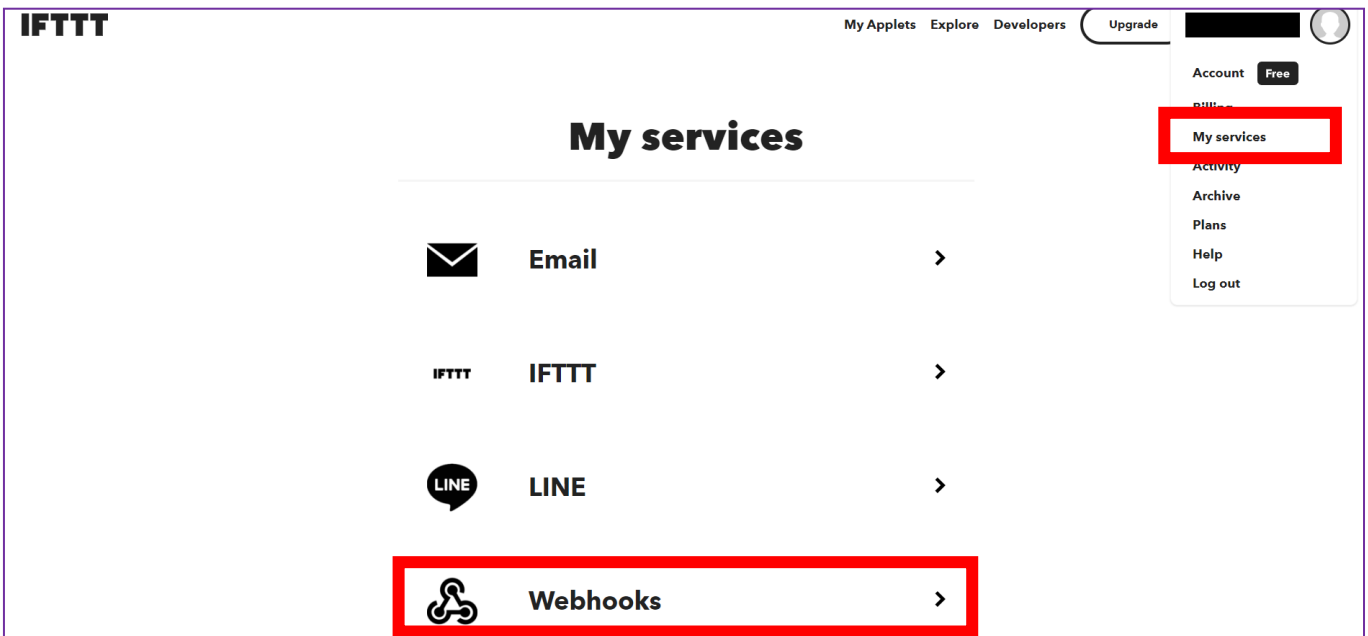
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● Test IFTTT Event

The IFTTT Website setting is set up in the previous steps. Now we will check the event “Key” and test the message sending.

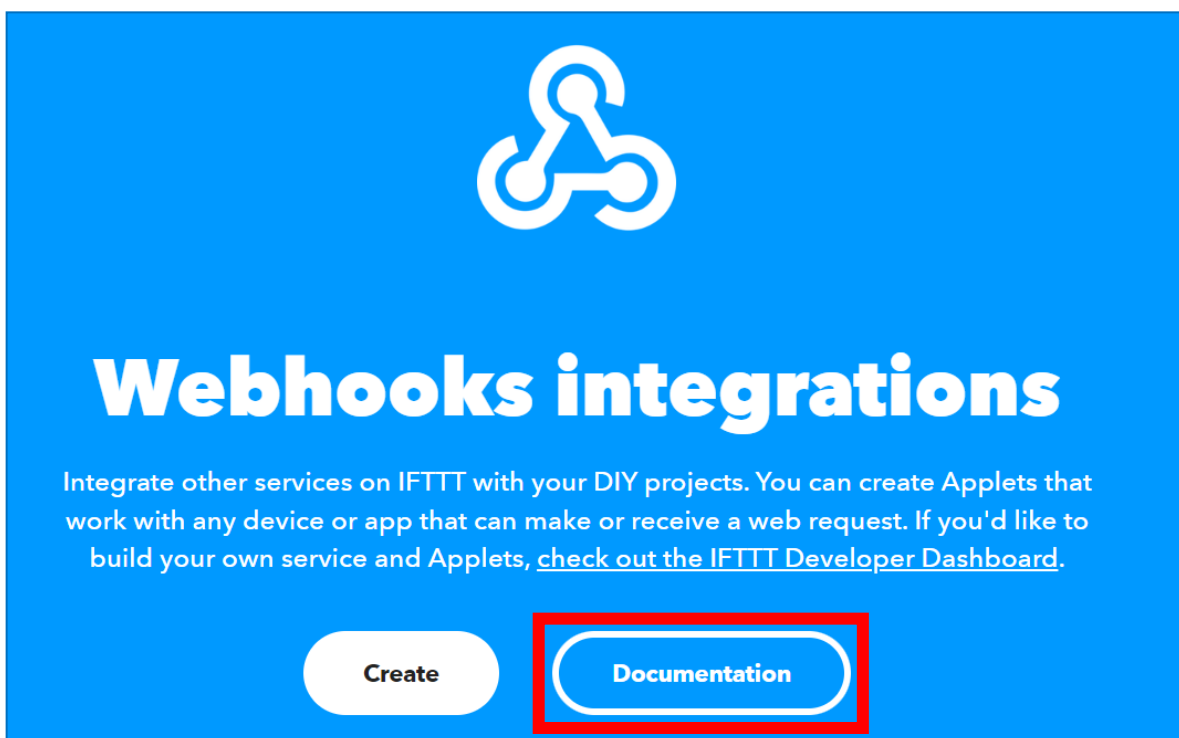
1. Go to Webhooks Service

Click the function menu of “My Services” on the up-right corner. Choose the Services “Webhooks”.



The screenshot shows the IFTTT user interface. At the top left is the IFTTT logo. At the top right are navigation links: "My Applets", "Explore", "Developers", and "Upgrade". Below these is a user profile section with "Account Free" and a dropdown menu. The dropdown menu is highlighted with a red box and contains the following items: "My services", "Activity", "Archive", "Plans", "Help", and "Log out". The main content area is titled "My services" and lists three services: "Email", "IFTTT", and "LINE". The "Webhooks" service is listed below these and is highlighted with a red box. It features a red circular icon with a white webhook symbol and a right-pointing arrow.

Click “Documentation” can switch to the test web page.

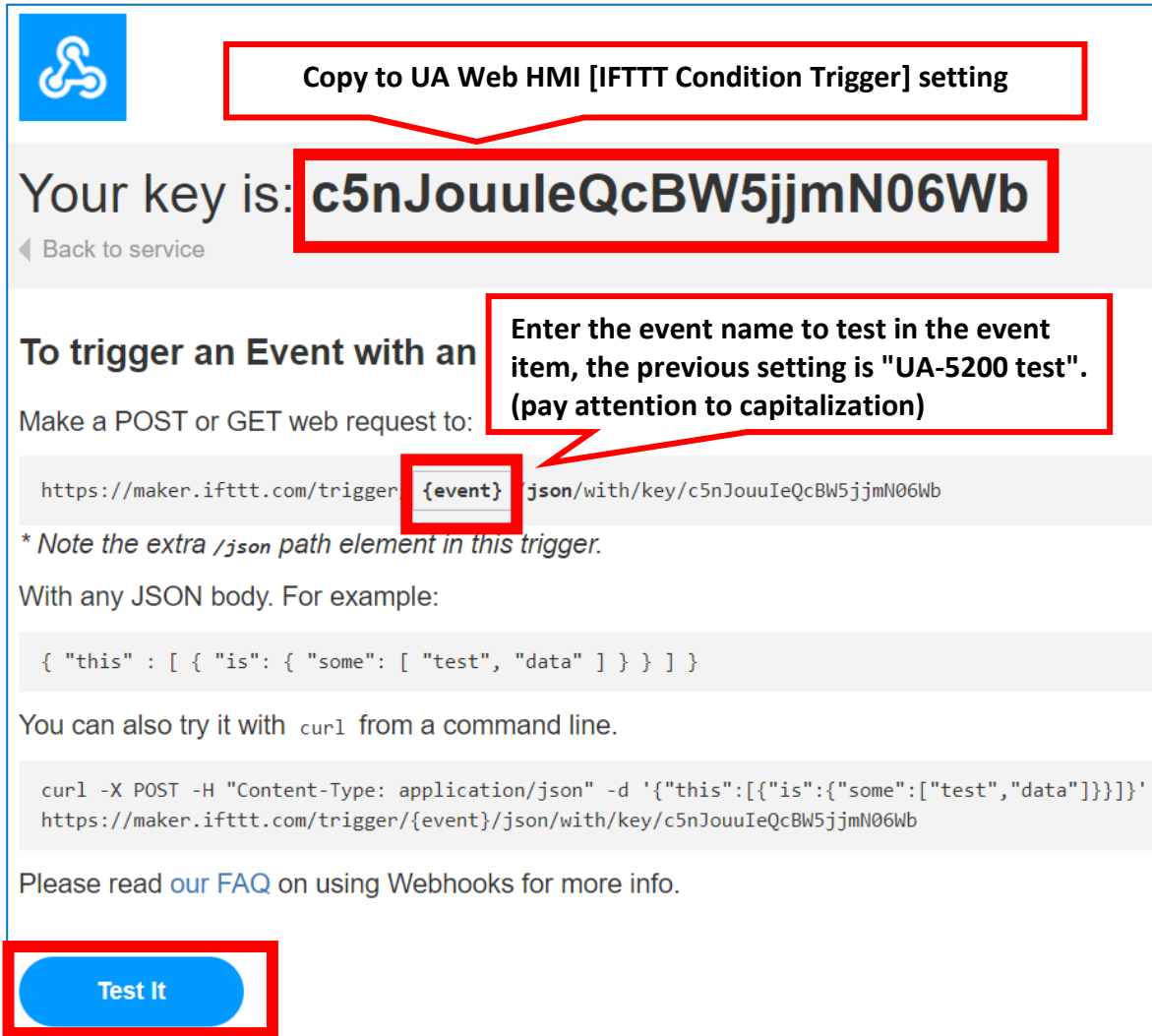


The screenshot shows a blue banner for "Webhooks integrations". At the top center is a white webhooks icon. Below it, the text "Webhooks integrations" is written in large white font. Underneath, a paragraph reads: "Integrate other services on IFTTT with your DIY projects. You can create Applets that work with any device or app that can make or receive a web request. If you'd like to build your own service and Applets, [check out the IFTTT Developer Dashboard](#)." At the bottom of the banner are two buttons: "Create" and "Documentation". The "Documentation" button is highlighted with a red box.

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2. Key and Event Message

On the test web page, please copy the “Your Key” into the setting field “Key” in the **UA Web HMI** [**Advanced Setting > IFTTT Condition Trigger > Add Message > Content Setting**] (See **FAQ-app-01** or **UA Manual Section 5.5.2**).



The screenshot shows the IFTTT 'Add Message' configuration page. A blue icon with a white key symbol is in the top left. A red box highlights the text 'Copy to UA Web HMI [IFTTT Condition Trigger] setting' with a callout arrow pointing to the key. The key itself, 'c5nJouuleQcBW5jjmN06Wb', is highlighted in a red box. Below the key, there is a 'Back to service' link. The main heading is 'To trigger an Event with an', followed by 'Make a POST or GET web request to:'. A red box highlights the placeholder '{event}' in the URL 'https://maker.ifttt.com/trigger/{event}/json/with/key/c5nJouueQcBW5jjmN06Wb'. A callout box points to this placeholder with the text 'Enter the event name to test in the event item, the previous setting is "UA-5200 test". (pay attention to capitalization)'. Below the URL, there is a note: '* Note the extra /json path element in this trigger.' This is followed by the text 'With any JSON body. For example:' and a code block containing a JSON object: { "this" : [{ "is": { "some": ["test", "data"] } }] }. Below this is the text 'You can also try it with curl from a command line.' and another code block with a curl command: curl -X POST -H "Content-Type: application/json" -d '{"this":[{"is":{"some":["test","data"]}}]}' https://maker.ifttt.com/trigger/{event}/json/with/key/c5nJouueQcBW5jjmN06Wb. At the bottom, there is a link to 'our FAQ on using Webhooks for more info.' and a blue 'Test It' button highlighted with a red box.

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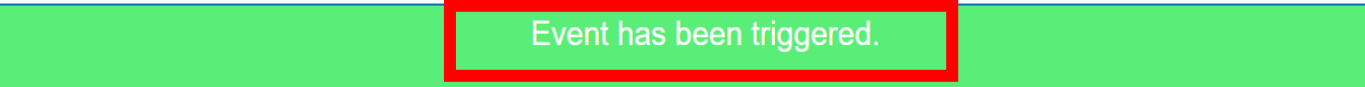
3. Test the Event

After giving the event information (This example: “UA-5200 test”), click the “**Test it**” on the bottom to test the LINE message sending.

The result and descriptions:

After click the “Test it” button, the green trigger bar shows on the top.

And then, the LINE receives a message “[IFTTT] 外門 test” (This notify is received on the PC version LINE. See the bottom right corner.) It means the IFTTT website setting is successful. The mobile phone is also received the LINE APP message. (See the next page)



To trigger an Event with 3 JSON values

Make a POST or GET web request to:

`https://maker.ifttt.com/trigger/UA-5200 test/with/key/c5nJouuIeQcBW5jjmN06Wb`

With an optional JSON body of:

`{ "value1" : 132, "value2" : " " }`

User can enter the value in Value1 to test.

The data is completely optional, and you can also pass value1, value2, and value3 as query parameters or form variables. This content will be passed on to the action in your Applet.

You can also try it with curl from a command line.

`curl -X POST -H "Content-Type: application/json" -d '{"value1": 132, "value2": ""}' https://maker.ifttt.com/trigger/UA-5200 test/with/key/c5nJouuIeQcBW5jjmN06Wb`

Please read our [FAQ](#) on using Webhooks.

Click “Test it”, a green bar of the event trigger notify will show on the top, and then LINE will receive a message.



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The LINE APP messages received on the mobile phone:

