
Gmail + Zapier + LINE Notifications

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This is a guide to get LINE notifications sent when you receive certain emails in your Gmail account. It appears that LINE in the past had a service with Zapier which has since been discontinued.

CHAPTER 1

Line + Zapier in the past.

It appears that LINE used to provide a service with Zapier, but his ended some time in the past.

Previous guides I have found are [here](#) and [here](#) for Japanese guide.

Setting up Gmail.

2.1 Setup a filter and label.

Create a filter using the required search conditions and apply a label that you can use with Zapier. This has been documented in many places, so I will not go into details.

For this tutorial I will assume you have a filter that adds the label: ZapierLine

3.1 Outline.

Will will be doing the following steps:

1. Log into LINE Notify Bot
2. Create a group or user Token (Ensure that you copy this as you will see it only once)

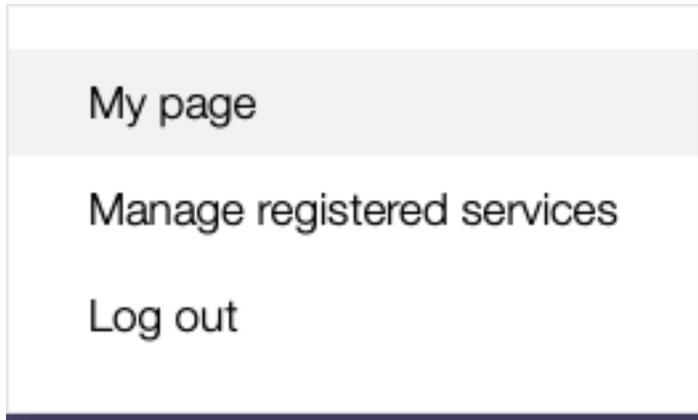
3.2 The Steps:

3.2.1 Step 1:

Log into the site [here](#). This supports English, Japanese and a few other languages.

3.2.2 Step 2:

Click on the 'My page'



3.2.3 Step 3:

Click on 'Generate token'

Generate access token (For developers)

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



3.2.4 Step 4:

Provide a name for the token. In this case I have provided 'ZapierDemo'

Generate token



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

ZapierDemo

Select a chat to send notifications to.

 Search by group name

 1-on-1 chat with LINE Notify

Step 5: Choose if you want to send notifications only to yourself using '1-on-1 chat with LINE Notify' or choose an existing chat group you have created within the LINE App on your device. In this case I have chosen '1-on-1'

Generate token



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

ZapierDemo

Select a chat to send notifications to.

 Search by group name

-  **1-on-1 chat with LINE Notify**
-  2018 FUTURE
-  Family Notification Center
-  2018

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.

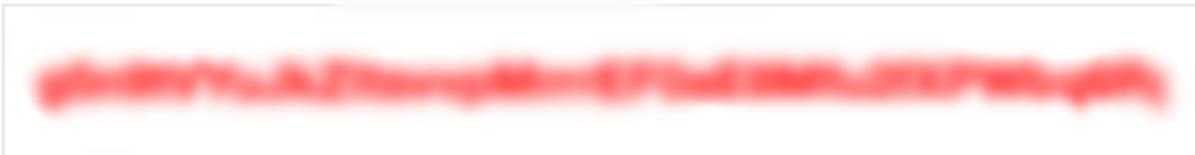
Generate token

Click on 'Generate token'

3.2.5 Step 6:

Copy the generated token as you will only see this once.

Your token is:



If you leave this page, you will not be able to view your newly generated token again. Please copy the token before leaving this page.

Copy

Close

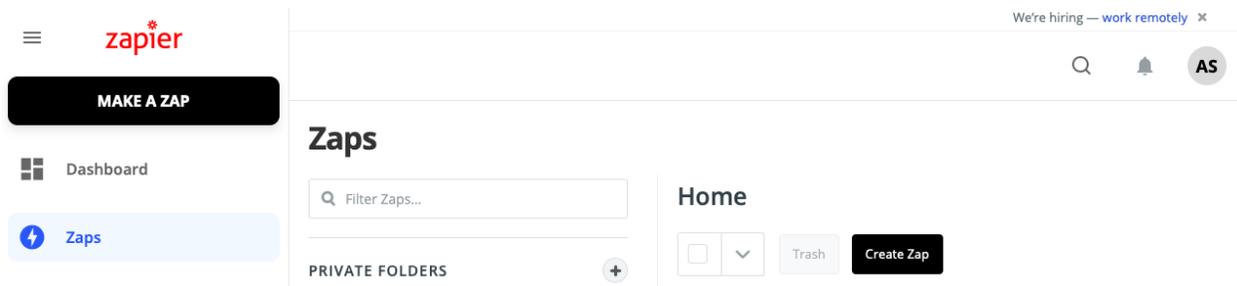
4.1 Outline

This will take you through creating a Zap for sending notifications to your selected chat user or group. I will not provide instructions on creating a Zapier account. I believe this is fairly simple and straight forward. Linking your google account to Zapier.

4.2 The Steps:

4.2.1 Step 1:

Either Click 'MAKE A ZAP' or 'Create Zap'

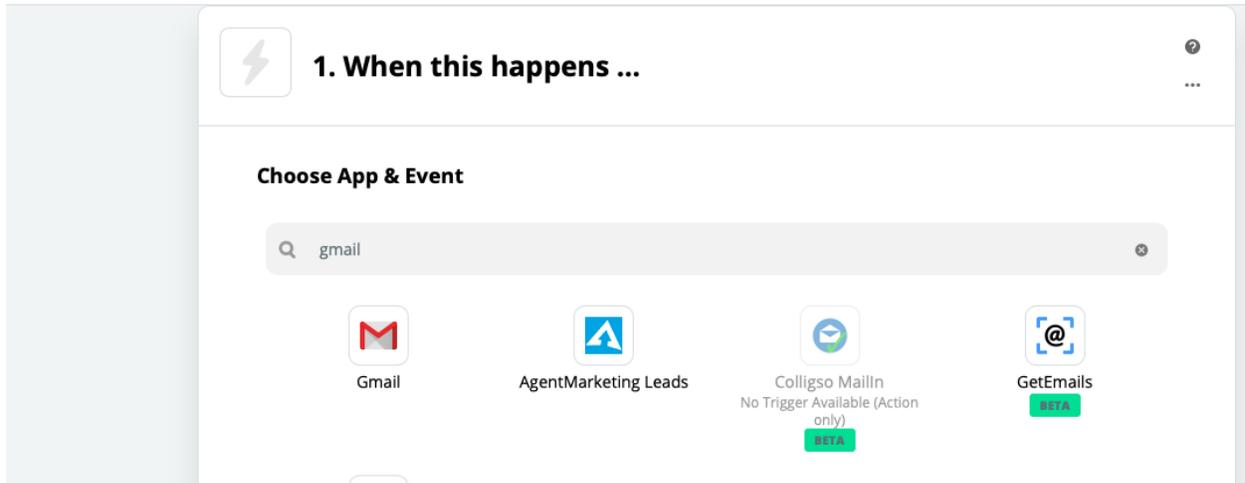


4.2.2 Step 2:

Give your Zap a name. I have used 'ZapierDemo' If you don't see Gmail in the app list, enter it in the search as I have done. Click on 'Gmail'

new. Share a copy of your Zap with anyone. [Learn More](#).

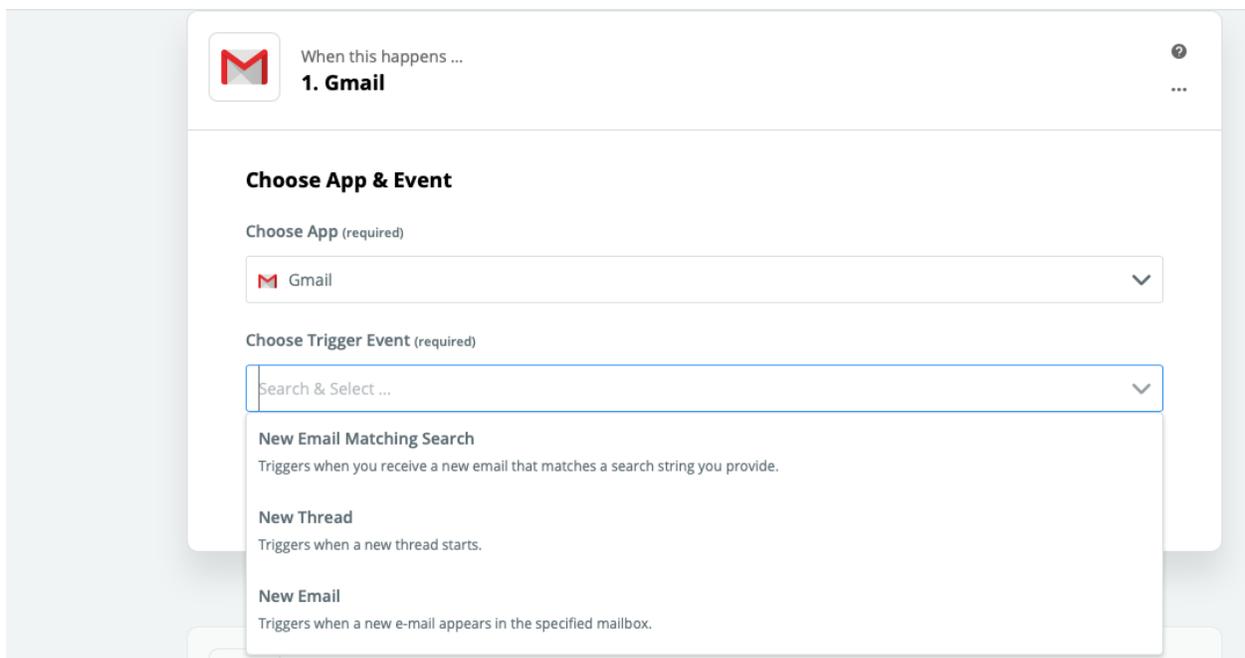
<  / ZapierDemo



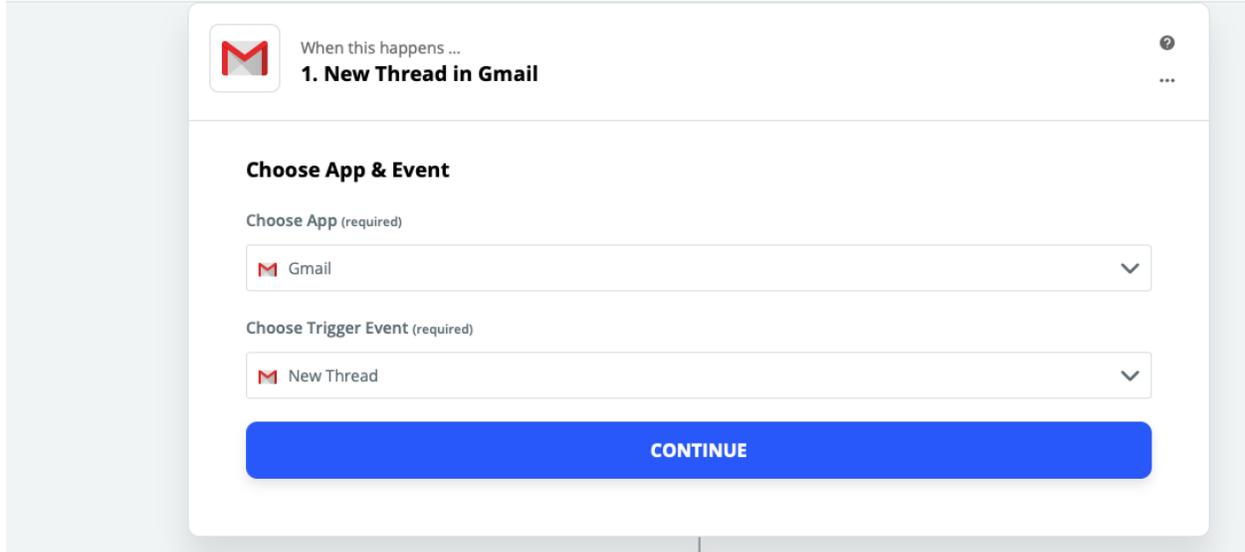
4.2.3 Step 3:

Choose your 'Trigger Event' You should choose 'New Thread'

<  / ZapierDemo



< * / ZapierDemo



When this happens ...
1. New Thread in Gmail

Choose App & Event

Choose App (required)
Gmail

Choose Trigger Event (required)
New Thread

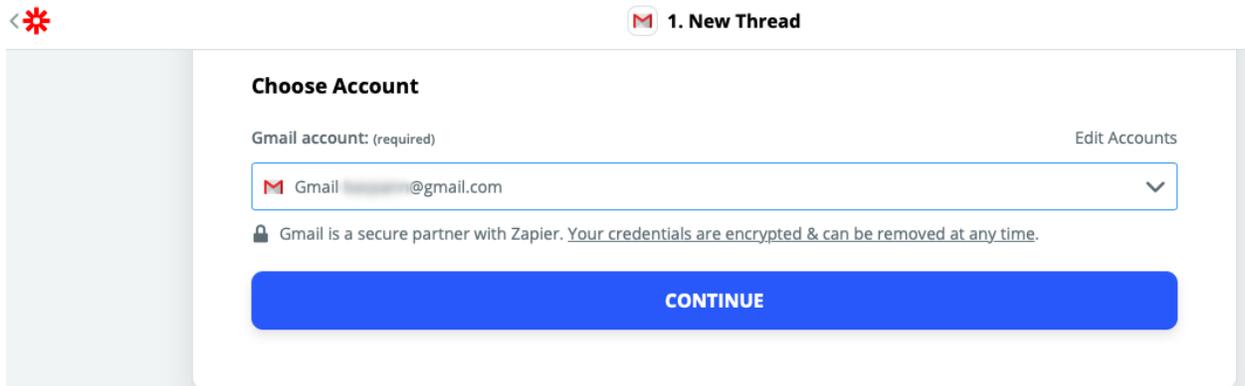
CONTINUE

4.2.4 Step 4:

Click 'Continue'

4.2.5 Step 5:

Select your connected Gmail account. This will tell Zapier which gmail account to monitor.



< * 1. New Thread

Choose Account

Gmail account: (required) Edit Accounts

Gmail @gmail.com

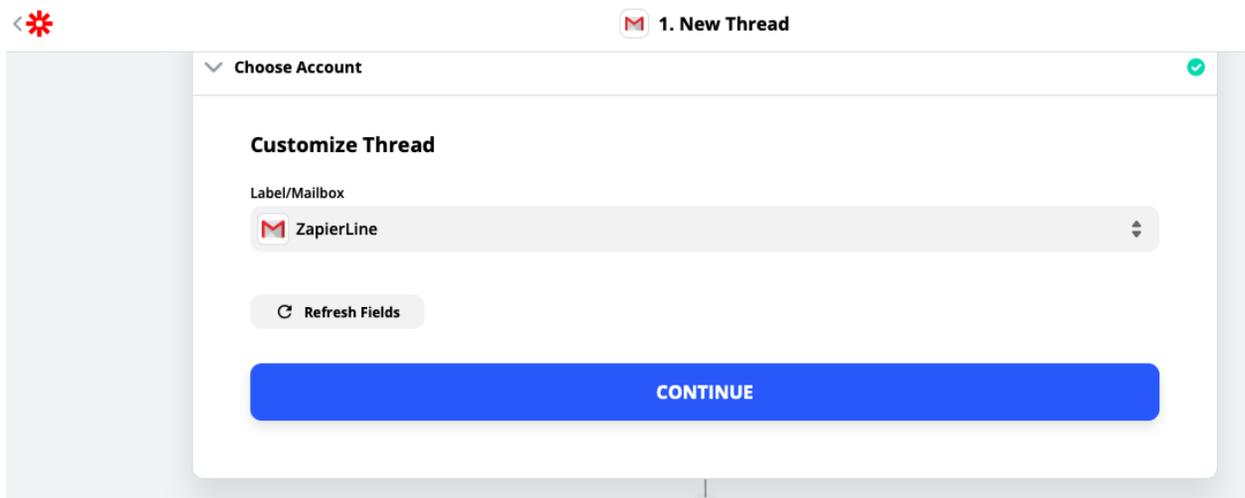
Gmail is a secure partner with Zapier. [Your credentials are encrypted & can be removed at any time.](#)

CONTINUE

Click 'Continue'

4.2.6 step 6:

Select the correct Gmail Label. In this case we are using 'ZapierLine'

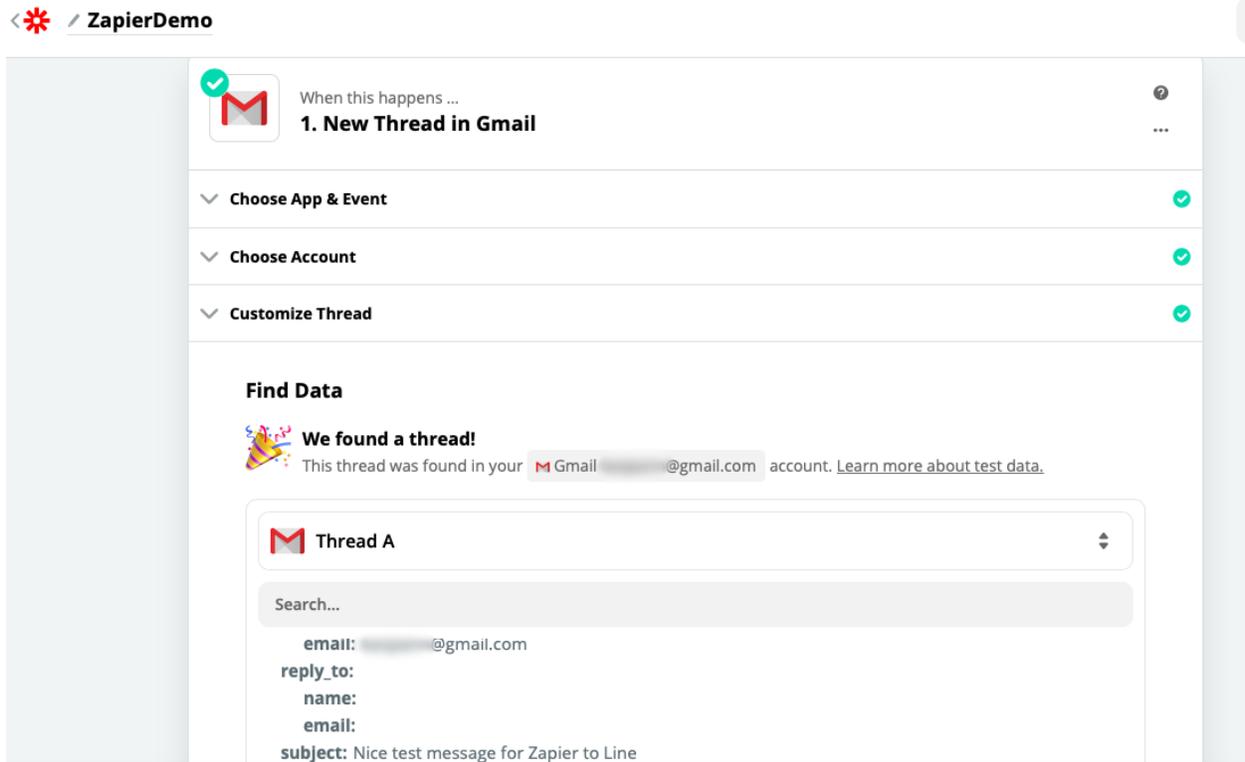


Click 'Continue'

4.2.7 Step 7:

Next we need to 'Test your Trigger'. So click this button.

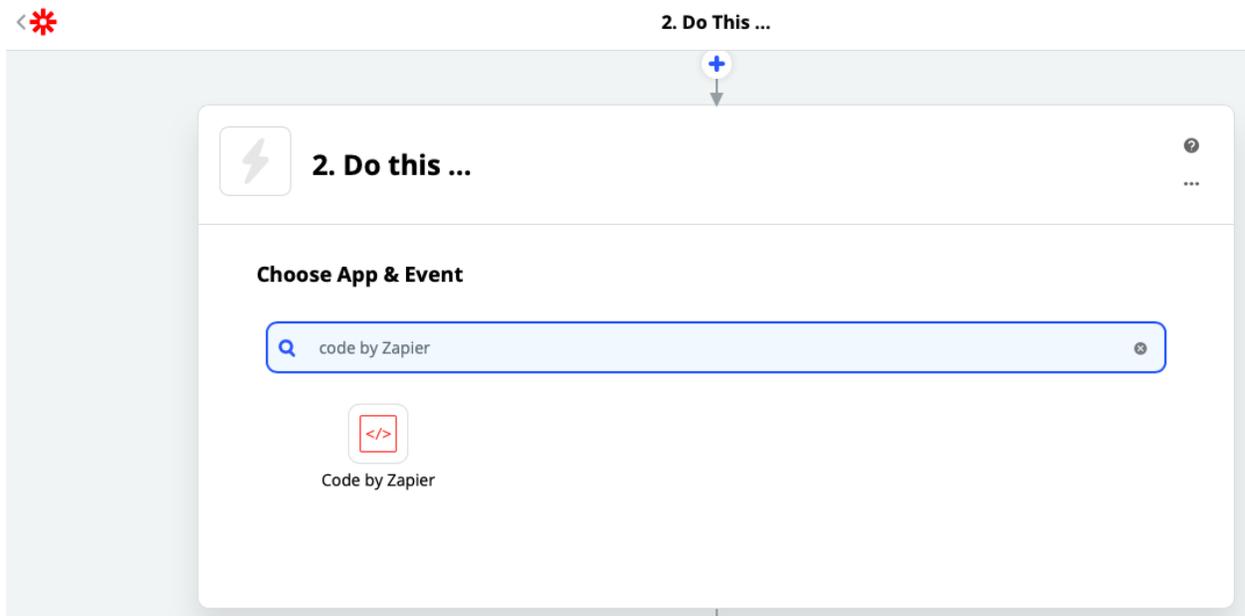
This will now look for any messages that contain the label we have provided. 'ZapierLine'



If you are happy with the result. Click 'Continue'

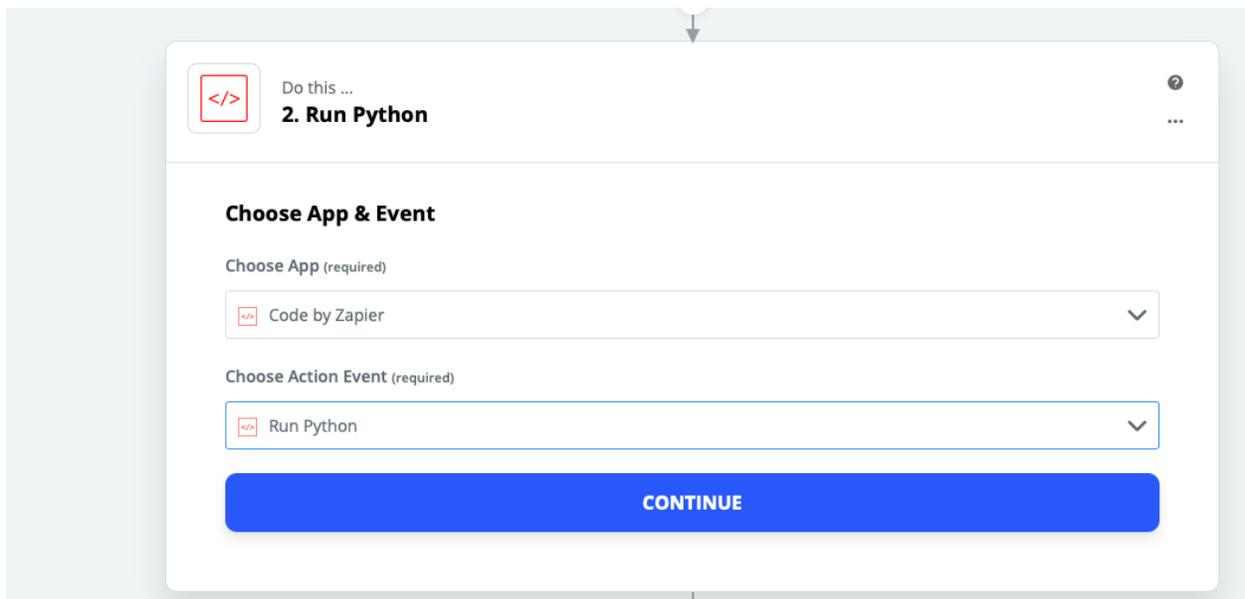
4.2.8 Step 8:

Enter 'Code by Zapier' and click on 'Code by Zapier'



4.2.9 Step 9:

For 'Choose Action Event' select 'Run Python'



Click 'Continue'

4.2.10 Step 10:

At this point we will start selecting what information we want to extract from the email. This is of course optional. If you wish you could simply have a notification sent to your line account letting you know to check your email. However in this case we will collect some data to add to the notification.

I will extract the following details. from, subject and body. These names are provided by me. I will then select from the drop down the actual items I am looking for.

Do this ...
2. Run Python

▼ Choose App & Event

Customize Run Python

Input Data

from

What input data should we provide to y

Code

```
output = [{'id': 123, 'h
```

Warning! This is an advanced trigger

Refresh Fields

Insert Data ...

Search...

- 1. New Thread in Gmail
- 1. Message All Attachments
- 1. Message Body HTML <div dir="ltr">This is a message to show that we can get the bo
- 1. Message Body Plain This is a message to show that we can get the body of contents

Show All Options

Do this ...
2. Run Python

▼ Choose App & Event

Customize Run Python

Input Data

from	1. Message From Email: [redacted]@gmail.com	X
Subject	1. Message Subject: Nice test messa... Zapier to Line	X
body	1. Message Body Plain: This is a messa...mail to LINE.	X

+
What input data should we provide to your code (as strings) via a dictionary set to a variable named `input_data`?

Code (required)

Next we need to enter our code in the code window.

Sample 1: This code simply takes the plain text body of the email and sends it in the notification.

```

1 import requests
2 API_URI = "https://notify-api.line.me/api/notify"
3
4 text_message = input.get('body')
5 TOKEN = "YOUR_GENERATED_TOKEN_GOES_HERE"
6 HEADER = {"Authorization": "Bearer " + TOKEN}
7 PARAMS = {"message": text_message}
8
9 response = requests.post(API_URI, headers=HEADER, params=PARAMS)
10 response.raise_for_status()
11 return {'rawHtml': response.text}

```

Sample 2: This code sends a different text message depending on the from address of the sender.

```

1 import requests
2 API_URI = "https://notify-api.line.me/api/notify"
3
4 if input.get('from') == 'AddressA':
5     text_message = "This is the message from sender A"
6 if input.get('from') == 'AddressB':
7     text_message = "This is the message from sender B with email body included:\n\n{}".
8     ↪format(input.get('body'))
9
10 TOKEN = "YOUR_TOKEN_GOES_HERE"
11 HEADER = {"Authorization": "Bearer " + TOKEN}
12 PARAMS = {"message": text_message}
13
14 response = requests.post(API_URI, headers=HEADER, params=PARAMS)
15 response.raise_for_status()
16 return {'rawHtml': response.text}

```

Send Data

SKIP TEST



Send Test Run Python to Code by Zapier

To test Code by Zapier, we need to create a new run python. This is what will be created:

Search...

Input Data:

from: [redacted]@gmail.com

Subject: Nice test message for Zapier to Line

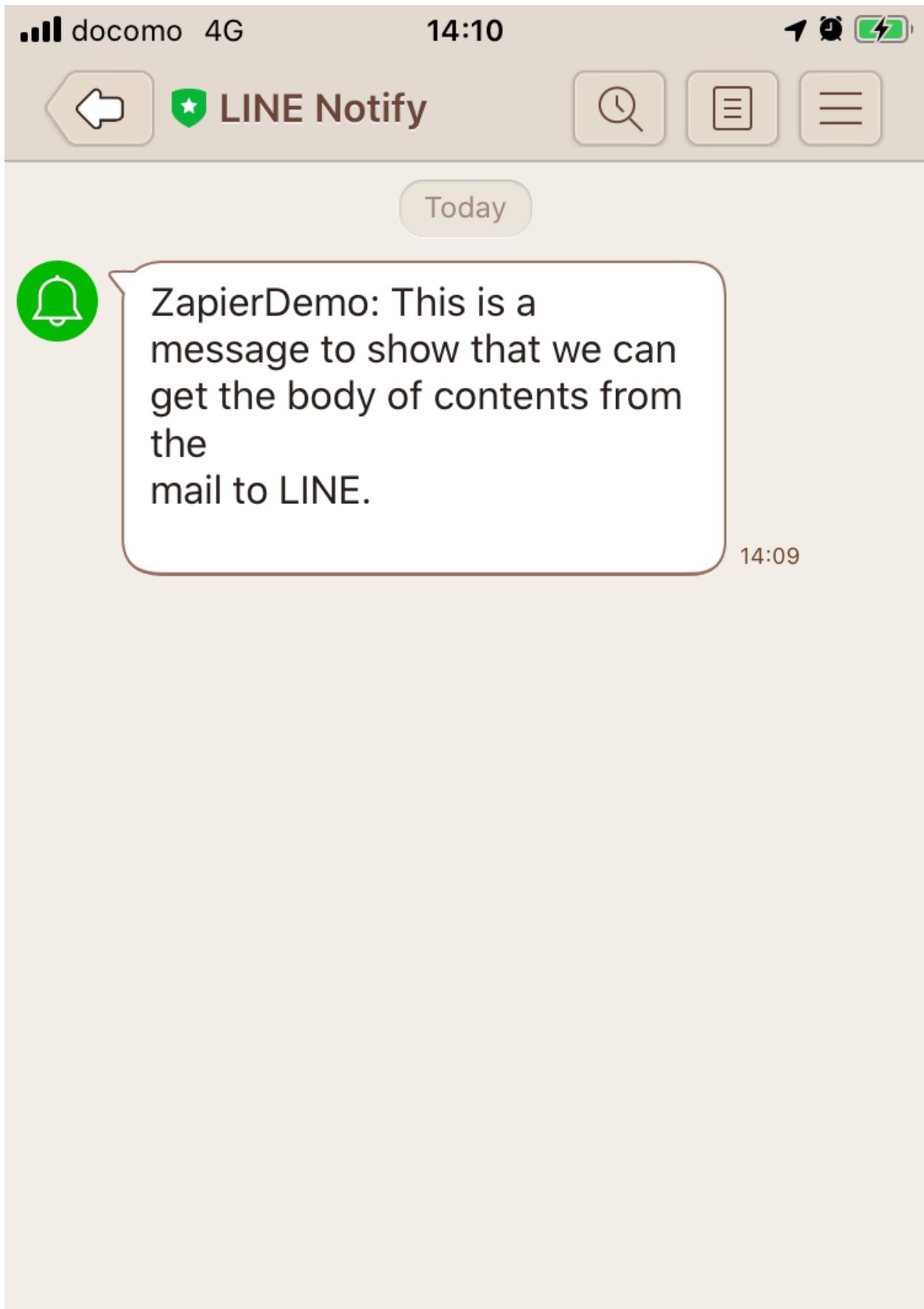
body: This is a message to show that we can get the body of contents from the mail to LINE.

Code: import requests

```
API_URI = "https://notify-api.line.me/api/notify"  
text_message = input.get('body')  
TOKEN = "[redacted]"  
HEADER = {"Authorization": "Bearer " + TOKEN}  
PARAMS = {"message": text_message}  
response = requests.post(API_URI, headers=HEADER, params=PARAMS)  
response.raise_for_status()  
return {'rawHtml': response.text}
```

TEST & REVIEW

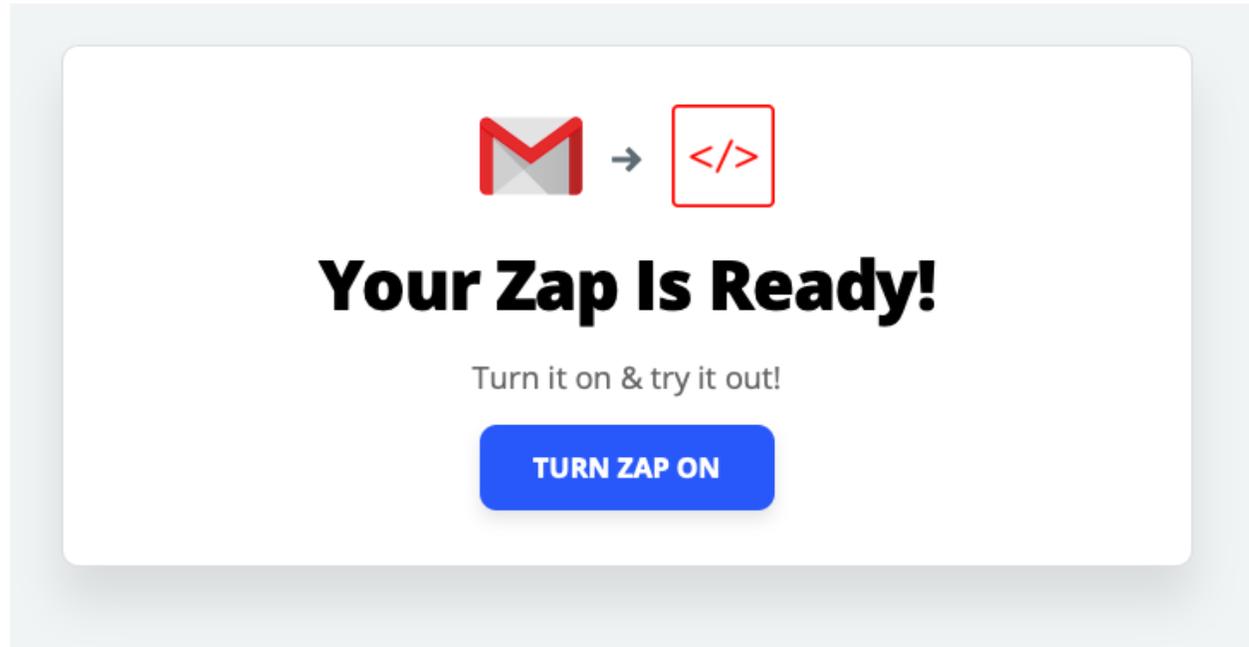
TEST & CONTINUE



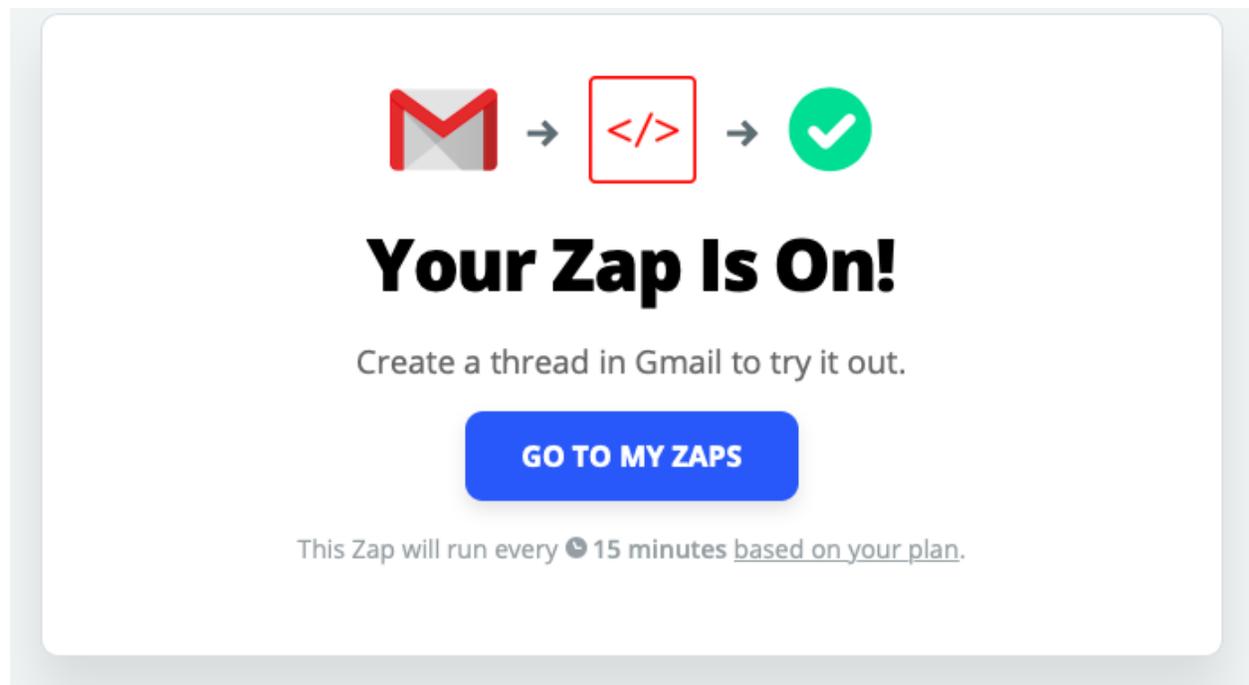
NOTE: If you get an error message that execution took more than 1 second. This can be ignored. Simply Click the 'Skip Test' in the upper right corner.

4.2.11 Step 11:

Activate your ZAP



The screenshot shows a white card with a light gray border. At the top, there is a red Gmail icon followed by a right-pointing arrow and a red square icon containing a code symbol (</>). Below this, the text "Your Zap Is Ready!" is displayed in a large, bold, black font. Underneath, in a smaller font, it says "Turn it on & try it out!". At the bottom of the card is a blue rounded rectangular button with the text "TURN ZAP ON" in white, uppercase letters.



The screenshot shows a white card with a light gray border. At the top, there is a red Gmail icon followed by a right-pointing arrow, a red square icon containing a code symbol (</>), another right-pointing arrow, and a green circular icon with a white checkmark. Below this, the text "Your Zap Is On!" is displayed in a large, bold, black font. Underneath, in a smaller font, it says "Create a thread in Gmail to try it out.". At the bottom of the card is a blue rounded rectangular button with the text "GO TO MY ZAPS" in white, uppercase letters. Below the button, in a very small font, it says "This Zap will run every 15 minutes based on your plan."

5.1 Zapier Basic

If you are using the free basic version of Zapier. There is a one second run-time limit. If the code exceeds this limit you will receive a warning notice. In my experience this has not caused any issues with the actual execution of the code.

It appears that Zapier has also extended the time between runs. It used to be 5 minutes. It is now 15 minutes for the free account.