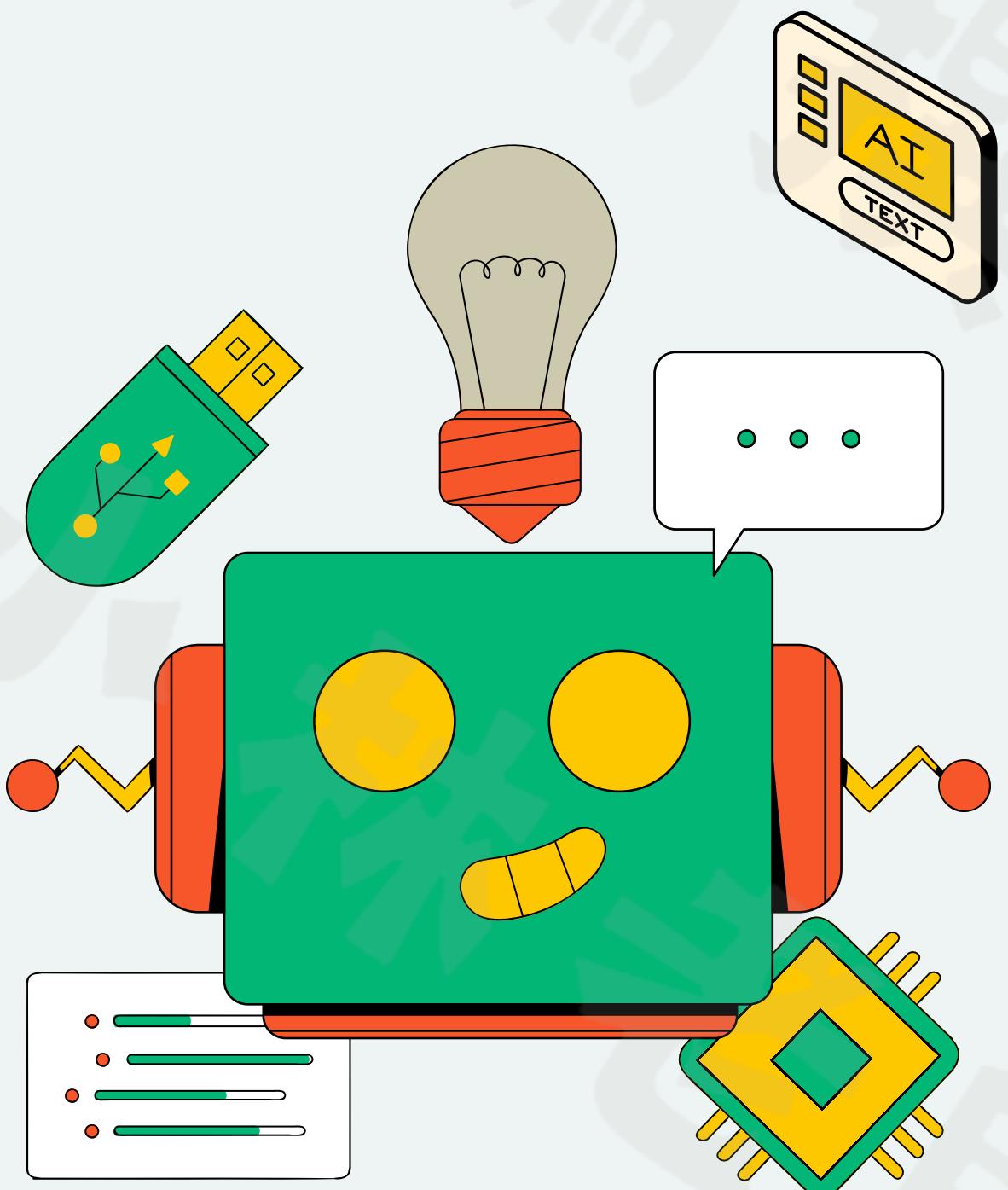


THYNK UNLIMITED
WE LEARN FOR THE FUTURE

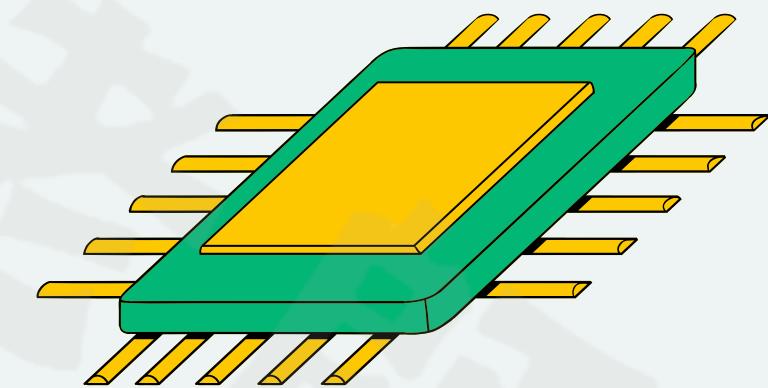


LINEBOT & WEBHOOK SERVER

AI 聊天機器人

PRESENTED BY:

林昌毅



機器人製作大綱

建立Linebot官方帳號

串接WebHook Server

建構機器人回覆



Linebot Official



line bot message api



全部 圖片 影片 購物 新聞 : 更多

工具

約有 34,000,000 項結果 (搜尋時間 : 0.33 秒)

 LINE Developers

<https://developers.line.biz> › services · 翻譯這個網頁

⋮

Messaging API - LINE Developers

The **Messaging API** lets you develop two-way communication between your service and LINE users.

 LINE Developers

<https://developers.line.biz> › docs › ove... · 翻譯這個網頁

⋮

Messaging API overview - LINE Developers

Use the **Messaging API** to build bots to provide personalized experiences on LINE to your users.

To use the **Messaging API**, the first thing to do is to connect ...

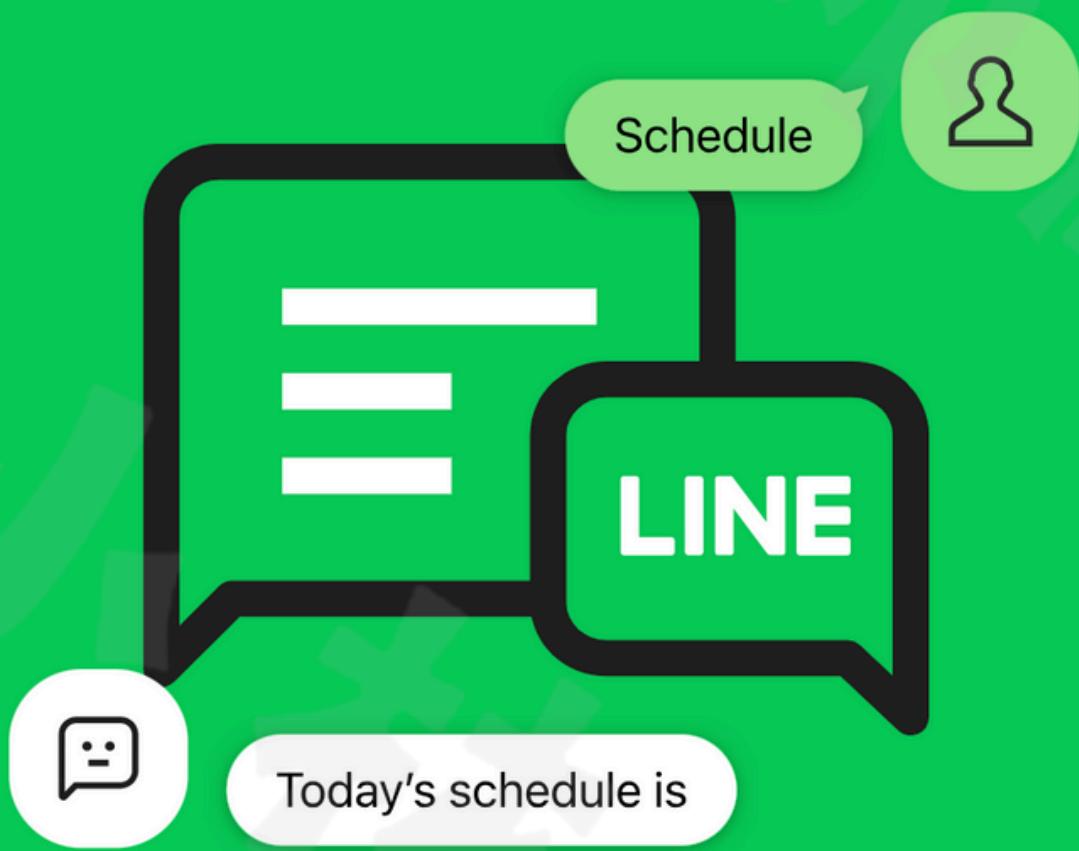


Messaging API

Get engaged in interactive conversations with LINE users.

What is the Messaging API?

The Messaging API lets you develop two-way communication between your service and LINE users.

[Start now](#)[Documentation](#)

Console home

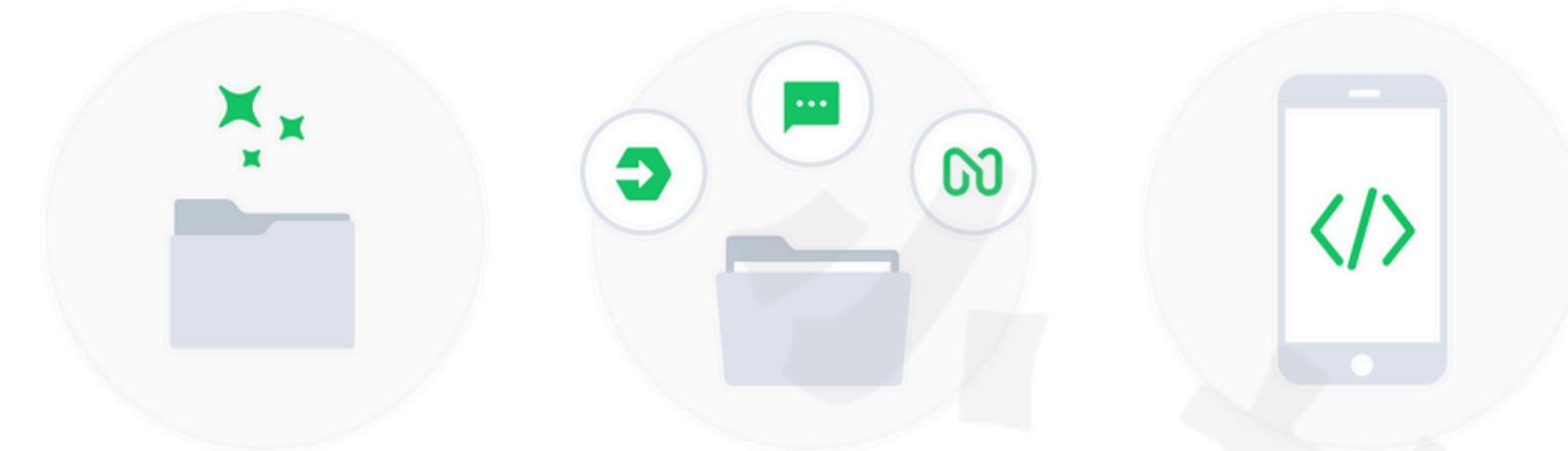
TOP

若無使用過Message API，你會看到的畫面

Welcome to the LINE Developers Console!

Here, you'll find information and tools for connecting your technology to the LINE Platform, helping you build apps that connect people.

To get started, create a provider to represent your company, yourself, or another entity that provides the apps and services you're working on.



Start by creating a provider

Then, create a channel for
each app you want to connect
to the LINE Platform

Lastly, enter the necessary
information to link your apps
to your channels, and start
building!

Create a new provider

Console home

TOP

若曾使用過Message API，你會看到的畫面

Providers

Providers (2)

Create

Search...

Admin

GjunLineAPI

TestLineAPI

Tools

Support

Provider	Role
GjunLineAPI	Admin
TestLineAPI	Admin

輸入Provider的名稱，

一個Provider可接管多個官方帳號(Channel)

Welcome to the LINE Developers Console!

Create a new provider

Provider name ?

- ✗ Don't leave this empty
- ✓ Don't use special characters (4-byte Unicode)
- ✓ Enter no more than 100 characters

A provider is an individual developer, company, or organization that provides services. For more details, see the [documentation](#).

Cancel

Create

Start by creating a provider

Then, create a channel for each app you want to connect to the LINE Platform

Lastly, enter the necessary information to link your apps to your channels, and start building!

Create a new provider

ChungYiPythonChatbot

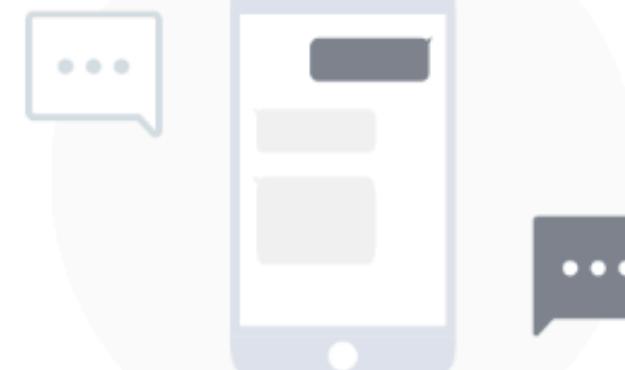
Channels Roles Settings

This provider doesn't have any channels yet

To create one, choose a channel type below



Create a LINE Login channel



Create a Messaging API channel



Create a Blockchain Service channel



Create a LINE MINI App channel

Available features might differ based on the account with which you are currently logged in. For details, check the [document](#).

Console home

Providers

Search...

Admin

GJUN

Tools

Support

TOP > Create a new channel

Create a Messaging API channel

It's no longer possible to create Messaging API channels directly from the LINE Developers Console.

To create a Messaging API channel, create a LINE Official Account using the Create a LINE Official Account button below, and then enable the use of the Messaging API on the LINE Official Account Manager.

For more information, see [Get started with the Messaging API](#) in the Messaging API documentation.

[Create a LINE Official Account](#)

(Go to the external site)

透過連結前往官方帳號頁新增官方帳號(Channel)

LINE Business ID



使用以下帳號登入



登入

以其他帳號登入

使用LINE商用ID須遵從服務條款等規定，登入後即視為您同意相關條款內容。

② 關於LINE商用ID

[Help](#) [服務條款](#) © LY Corporation

登入帳號

建立LINE官方帳號

• 必填

登入資訊

用戶名稱



服務適用國家／地區

台灣 已套用台灣方案

帳號資訊

帳號名稱 •

例如 : Brown咖啡館

0/20

此名稱將顯示於LINE的好友名單及聊天畫面中。

電子郵件帳號 •

 0/240

公司所在國家或地區 • ②

台灣



您設定的國家或地區會顯示於帳號的基本檔案等可供用戶瀏覽的頁面內。

公司名稱

 0/100

業種 •

選擇業種大分類

選擇業種小分類

[LINE官方帳號服務條款](#)

點選下方的「確定」鍵代表您已同意上方條款。

確定

申請官方帳號

登錄公司／店鋪資訊

2

確認輸入內容

3

申請完成

確認輸入內容

確認帳號訊息

帳號資訊

帳號名稱

GjunTest

電子郵件帳號

chungyi.bossi@gmail.com

公司所在國家或地區

台灣

公司名稱

業種

公眾人物、專業人士・運動員

即時掌握經營官方帳號的實用資訊

將LINE 商家報加入好友

我們會為公司提供LINE官方帳號、LINE Ads Platform、LINE MINI App的實用資訊。

取消

完成

※您所建立的帳號將自動加入LINE好友名單

1

登錄公司／店舖資訊

2

確認輸入內容

3

申請完成

您的LINE官方帳號已建立完成

您的帳號資訊已建立如下。

若要使用LINE官方帳號的服務，請登入「LINE Official Account Manager」管理畫面。

[前往LINE Official Account Manager](#)

帳號資訊

帳號名稱

GjunTest

業種

公眾人物、專業人士・運動員

基本ID

@564twtwd

官方帳號ID

常見問題

如有不明之處，請透過下方的連結查詢。

https://help2.line.me/official_account_tw/web/



主頁

分析

聊天

基本檔案

LINE VOOM

擴充功能

開店幫手



設定

群發訊息

漸進式訊息

自動回應訊息

訊息項目

推廣相關

聊天室相關

資料管理

增加好友人數

收合選單



GjunTest

0 · @564twtwd

編輯

訊息

來建立傳送給好友的群發訊息吧。



建立新訊息

內容

來建立圖文訊息及優惠券吧。



建立內容

基本設定列表

1/2

初始設定

建立官方帳號後，建議於此完成設定再開始增加好友。



選擇聊天功能的回應方式



設定基本檔案圖片

◎ ◉ ◌ ◌ ◌

最新資訊

顯示更多 >

- [重要通知] LINE官方帳號-聊天進階方案
2025/01/08 12:00

- [重要通知] LINE VOOM維護通知
2024/12/19 18:47

- [規格變更] 關於優惠券顯示方式之調整
2024/12/06 16:45

最實用的LINE廣告課程
LAP完整解析×行銷規劃策略

◎ ◉ ◌ ◌ ◌

LINE Official Account Manager GjunTest @564twtwd 輕用量 0 聊天：關閉 虎虎生風虎你... Help

主頁 分析 聊天 基本檔案 LINE VOOM 擴充功能 開店幫手 設定

設定

帳號設定

權限管理

回應設定

Messaging API

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專屬ID

付款記錄

付款方式

電子發票資訊

優惠活動代碼

收合選單

© LY Corporation 條款與政策

Messaging API

Messaging API為針對開發者所設計的進階功能。您可透過API收發訊息及動作，與LINE用戶進行更多互動。

什麼是Messaging API？

LINE Developers的API

「聊天」功能目前關閉中

當「聊天」為關閉狀態時，無法使用聊天功能。若希望手動傳送訊息給好友，請開啟「聊天」功能。

當「聊天」為開啟狀態時，可設定回應時間。若於非回應時間內收到訊息，系統將傳送自動訊息代您回覆好友。

取消 前往回應設定頁面



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付款方式

電子發票資訊

優惠活動代碼

Messaging API

Messaging API為針對開發者所設計的進階功能。您可透過API收發訊息及動作，與LINE用戶進行更多互動。

什麼是Messaging API ?

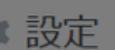
LINE Developers的API相關文件

狀態 未使用

啟用Messaging API



主頁 分析 聊天 基本檔案 LINE VOOM 擴充功能



設定



設定

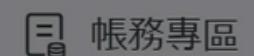
帳號設定

權限管理

回應設定

Messaging API

登錄資訊



帳務專區

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收合選單

選擇服務提供者



請選擇管理此帳號的服務提供者（企業或個人）。

提供者指的是取得用戶個人資訊以提供服務的開發人員、企業或組織等。
由[LINE Developers](#)可查看更多詳情。

建立服務提供者

輸入服務提供者名稱

0/100

GJUN



使用剛剛新增的Provider

請先參閱並同意「[LINE官方帳號API服務條款](#)」的內容後，再點選下方的「同意」。

取消

同意



設定

帳號設定

權限管理

回應設定

Messaging API

登錄資訊

帳務專區

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電子發票資訊

優惠活動代碼

收合選單

新增Channel成功

Messaging API

Messaging API為針對開發者所設計的進階功能。您可透過API收發訊息及動作，與LINE用戶進行更多互動。

[什麼是Messaging API ?](#)[LINE Developers的API相關文件](#)

狀態 使用中

Channel資訊 Channel ID 2006774897

[複製](#)

Channel secret e2bfa0c381723bc33ffc7acaafa4baba

[複製](#)Webhook網址 [儲存](#)您可由[LINE Developers](#)進行其他設定。

LINE Developers

About News Products Documentation FAQ Glossary More

Console home

Providers

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Admin

GJUN

Tools

Support

TOP > GJUN

GJUN

Channels Roles Settings

Group by role Sort by date

Create a new channel

+ GjunTest New Admin Messaging API

新增Channel成功 – Line Develop後台也成功了

This screenshot shows the LINE Developers console interface. On the left, there's a sidebar with links for 'Console home', 'Providers' (which is expanded), 'Search...', 'Admin', 'GJUN', 'Tools', and 'Support'. The main content area has a breadcrumb navigation 'TOP > GJUN'. Below it, the provider name 'GJUN' is displayed. There are three tabs: 'Channels' (which is active and highlighted in green), 'Roles', and 'Settings'. In the top right corner, there are icons for a globe, a bell, and a user profile, along with a light mode switch. A large orange banner at the top of the main content area says '新增Channel成功 – Line Develop後台也成功了'. The 'Channels' section shows a card for 'Create a new channel' with a plus sign icon. Another card for 'GjunTest' is shown, indicating it is a 'New' channel with an 'Admin' role assigned. It also mentions 'Messaging API'. At the bottom right of the main content area, there are checkboxes for 'Group by role' and 'Sort by date'.

接下來設定要記得三點

- 記得你的Channel Secret Key
- 記得你的Channel Access Token
- 打開“Use Webhook”

optional

Edit

App types

Bot

Permissions ⓘ

PROFILE

Channel secret ⓘ



Assertion Signing

Register a public key

Key ⓘ

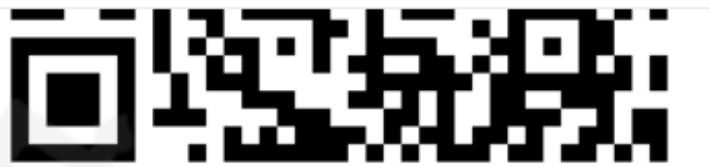
Auto-reply messages Enabled [Edit](#) 

Greeting messages Enabled [Edit](#) 

Channel access token

Channel access token (long-lived)   [Reissue](#)

Reissue



Scan this QR code with LINE to add your LINE Official Account as a friend. You can share the code with others.

Webhook settings

Webhook URL ⓘ <https://35de-220-132-125-201.ngrok-free.app>

Verify Edit

Use webhook ⓘ

Webhook redelivery

(?)

Error statistics

aggregation

(?)

Flask App

- 先透過pip安裝line sdk, flask
 - pip install line-bot-sdk
 - pip install flask
- 建立一個 flask app
 - 可執行指令：python xxx.py
 - 或使用指令：flask run 來執行
 - 沒有特別設定的話會跑在port 5000
- line-bot-sdk github

```
1 from flask import Flask, request, abort
2
3 from linebot.v3 import (
4     WebhookHandler
5 )
6 from linebot.v3.exceptions import (
7     InvalidSignatureError
8 )
9 from linebot.v3.messaging import (
10    Configuration,
11    ApiClient,
12    MessagingApi,
13    ReplyMessageRequest,
14    TextMessage
15 )
16 from linebot.v3.webhooks import (
17    MessageEvent,
18    TextMessageContent,
19    ImageMessageContent
20 )
21
22 app = Flask(__name__)
23
24 configuration = Configuration(access_token='YOUR_CHANNEL_ACCESS_TOKEN')
25 handler = WebhookHandler('YOUR_CHANNEL_SECRET')
26
```

```
28 @app.route("/callback", methods=['POST'])
29 def callback():
30     # get X-Line-Signature header value
31     signature = request.headers['X-Line-Signature']
32
33     # get request body as text
34     body = request.get_data(as_text=True)
35     app.logger.info("Request body: " + body)
36
37     # handle webhook body
38     try:
39         handler.handle(body, signature)
40     except InvalidSignatureError:
41         app.logger.info(
42             "Invalid signature. Please check your channel access token/channel secret.")
43         abort(400)
44
45     return 'OK'
46
47
```

```
48 @handler.add(MessageEvent, message=TextMessageContent)
49 def handle_message(event):
50     with ApiClient(configuration) as api_client:
51         line_bot_api = MessagingApi(api_client)
52         line_bot_api.reply_message_with_http_info(
53             ReplyMessageRequest(
54                 reply_token=event.reply_token,
55                 messages=[TextMessage(text=event.message.text)])
56         )
57
58
59
60 if __name__ == "__main__":
61     app.run()
62
```

NGROK

🎉 Support for Kubernetes Gateway API is now available in developer preview. Learn more ->



Platform

Use cases

Blog

Resources

Docs

Pricing

Get ngrok

Log in

Sign up

Add OAuth Authorization with one command

ngrok is a simplified API-first ingress-as-a-service that adds connectivity, security, and observability to your apps in one line

Sign up for free



Copy !

We use cookies and other similar technology to collect data to improve your experience on our site, as described in our [Privacy Policy](#).

[Update your Privacy Preferences](#).

Dismiss

C chungyi.bossi@g...

Getting Started

Setup & Installation

Your AuthToken

Cloud Edge

Endpoints

Edges

Domains

TCP Addresses

App Users

Tunnels

Agents

Authtokens

SSH Public Keys

Ingress

Billing

Usage

Support

Documentation

Contact Sales

Welcome

ngrok is your app's front door—a globally distributed reverse proxy that secures, protects and accelerates your applications and network services, no matter where you run them.

選擇Windows

Agents

- MacOS
- Windows
- Linux
- Docker
- RaspberryPi
- FreeBSD

SDKs

- Go
- NodeJS
- Rust
- Python
- Java
- Ruby
- .Net

Infrastructure

- Kubernetes

Looking for something else?

1 Connect

Establish ingress for your application

macOS Agent Choose another platform ? 幫助

<https://dashboard.ngrok.com/aet-started/setup>

1

Connect

Establish ingress for your application



Agent

Windows

Choose another platform

- 下載
- 解壓縮到flask app 的同級資料夾

Installation

Chocolatey

[Download](#)

- 會有一個ngrok.exe的執行檔
- config auth-token

Download a standalone executable with zero run time dependencies. Don't know your architecture? [Help me find it.](#)

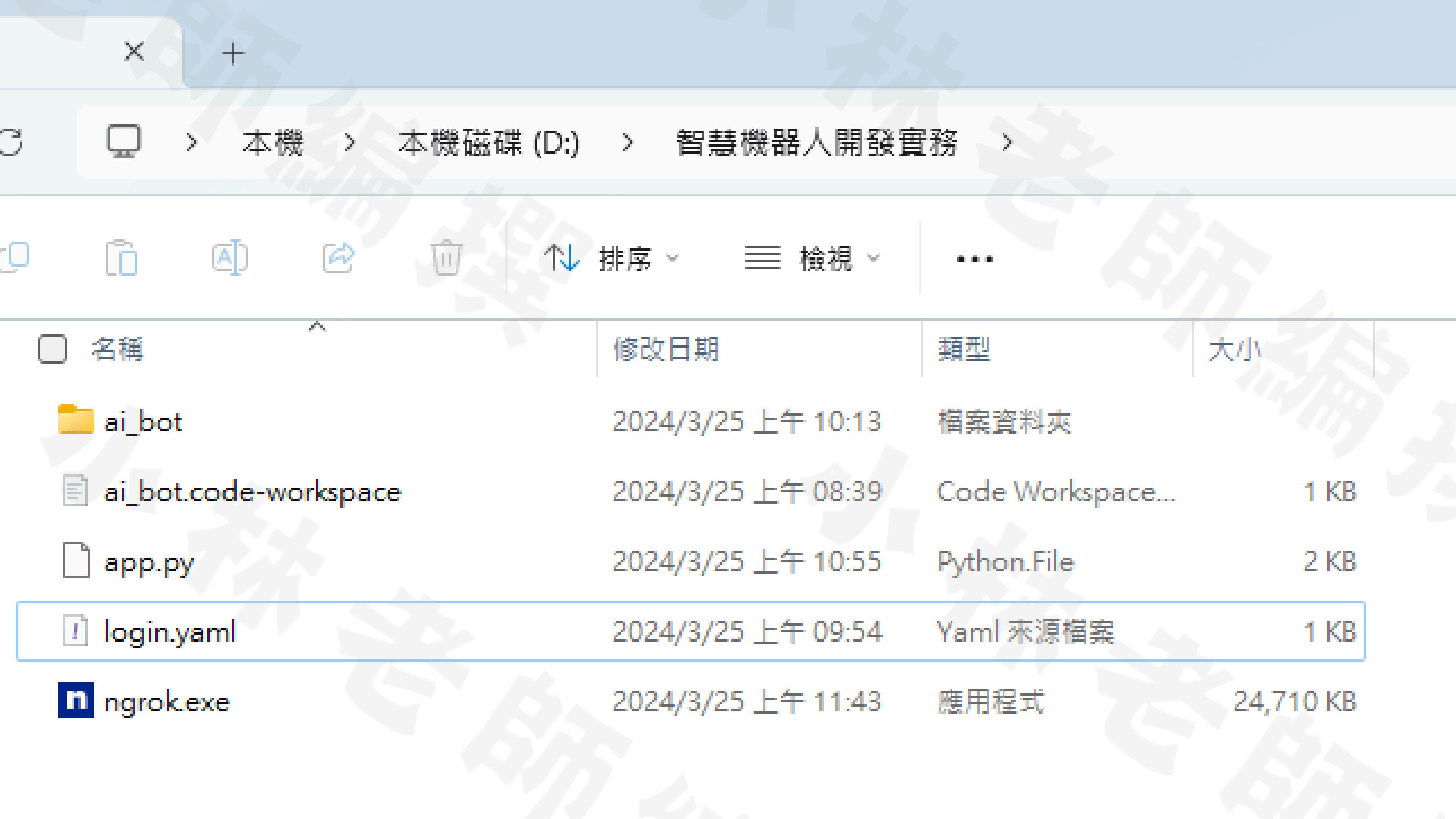
[Download for Windows \(64-Bit\)](#)

[Download for Windows \(32-Bit\)](#)

Run the following command to add your authtoken to the default `ngrok.yml` configuration file ▶.

\$ `ngrok config add-authtoken`





The screenshot shows the ngrok dashboard interface. On the left, there's a sidebar with a user profile (chungyi.bossi@g...), a clock icon, and several menu items: Getting Started, Setup & Installation, Your Authtoken (which is highlighted in blue), Cloud Edge, Endpoints, Edges, Domains, TCP Addresses, App Users, Tunnels, Agents, Authtokens, SSH Public Keys, and Ingress. The main content area has a dark blue header with the title "Your Authtoken". Below the header, a text box says "This is your personal Authtoken. Use this to authenticate the ngrok agent that you downloaded." followed by a redacted token and a "Copy" button. At the bottom, there's a "Command Line" section with the text "Authenticate your ngrok agent. You only have to do this once. The Authtoken is saved in the default configuration file." and a code snippet "\$ ngrok config add-authtoken".

這裡也可以找到 Auth Token

Deploy your app online

Ephemeral Domain

Static Domain

Put your app online at [ephemeral domain](#) ↗ Forwarding to your upstream service. For example, if it is listening on port `http://localhost:8080`, run:

```
$ ngrok http http://localhost:8080
```

Once running, your endpoints will be listed on the [endpoints page](#).

因為flask預設會跑在5000 port

故請幫我執行

ngrok http http://localhost:5000

ngrok執行後，會產生一條可供外部連接的URL

將此URL貼到webhook server，就完成串接囉！

```
ngrok (Ctrl+C to quit)

Try our new Traffic Inspector Dev Preview: https://ngrok.com/r/ti

Session Status: online
Account: chungyi.bossi@gmail.com (Plan: Free)
Version: 3.8.0
Region: Japan (jp)
Web Interface: http://127.0.0.1:4040
Forwarding: https://3854-120-124-133-84.ngrok-free.app -> http://localhost:5000

Connections      ttl     opn      rt1      rt5      p50      p90
                  0       0      0.00     0.00     0.00     0.00
```