

Dialogflow串接Linebot 打造一個AI智能聊天機器人

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Step

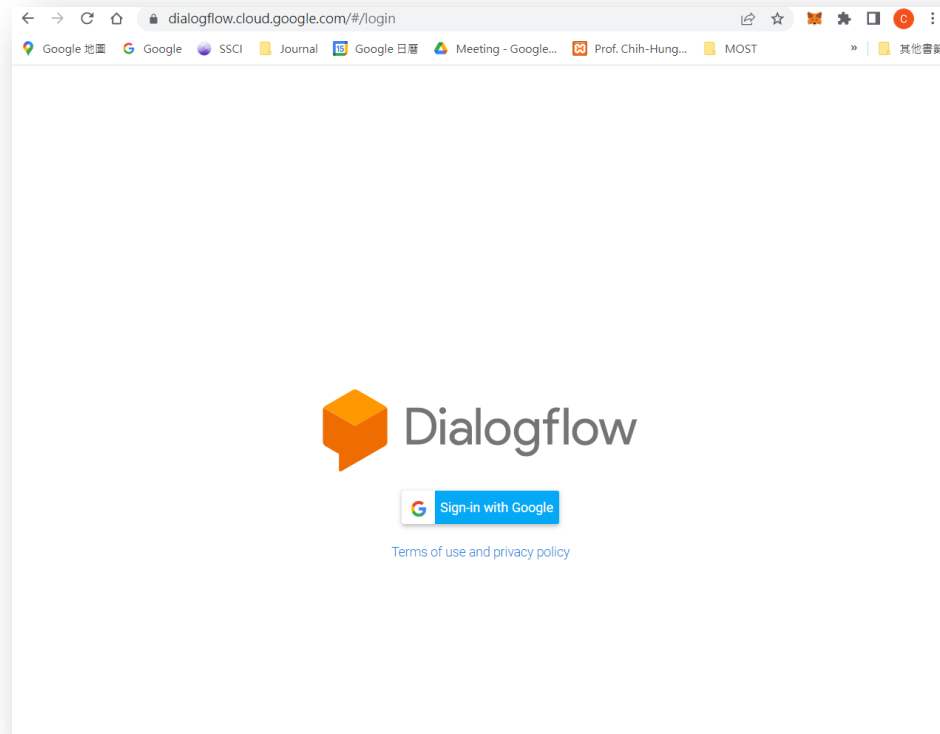
[Dialogflow]

- 註冊Dialogflow帳號
- 建立一個Agent
 - 設定地區
 - 設定語言
- 建立Intention
- Train phrase
- Integration
 - Get webhook url

[Linebot]

- Line developer
- Create Provider
 - Messaging API
- Line Information
 - Line ID
 - Line secret
 - Line access token
- Webhook
 - Enable
 - Set webhook URL
- Disable
 - Greeting message
 - AutoResponse

Dialogflow



- <https://dialogflow.cloud.google.com/#/login>

Create Agent

dialogflow.cloud.google.com/#/getStarted

Dialogflow Essentials Global

- + Create Agent
- > Docs
- Dialogflow CX [new]
- Support
- Account
- Logout

Welcome to Dialogflow!

Don't know where to begin? Let us help you get started.

Get started

Now it's time to create your first agent.

CREATE AGENT

Please, create at least one agent to access the test console

Create Agent

- 設定名稱
- 設定語言
- 設定時區

← → ↻ 🏠 dialogflow.cloud.google.com/#/newAgent

📍 Google 地圖 🌐 Google 🌐 SSCI 📅 Journal 📅 Google 日曆 🗓 Meeting - Google... 🗓 Prof. Chih-Hung... 📁 MOST 📁 Machine Learning

Dialogflow Essentials Global

Linebot1218 **CREATE**

+ Create Agent

> Docs

Dialogflow CX [new]

🔍 Support

👤 Account

🔌 Logout

DEFAULT LANGUAGE ⓘ

Chinese (Traditional) – zh-tw

Primary language for your agent. Other languages can be added later.

DEFAULT TIME ZONE

(GMT+8:00) Asia/Hong_Kong

Date and time requests are resolved using this timezone if not provided in the API requests.

GOOGLE PROJECT

Create a new Google project

Enables Cloud functions, Actions on Google and permissions management.

AGENT TYPE

Set as Mega Agent

Combine multiple Dialogflow agents (i.e. sub agents) into a single agent (i.e. mega agent).

Create INTENT

- Ex. Address

Dialogflow Essentials Global

Linebot1218 zh-TW

Intents +

Entities +

Knowledge [beta]

Fulfillment

Integrations

Training

Validation

History

Analytics

Prebuilt Agents

Docs

Trial Free Upgrade

Dialogflow CX [new]

Support

Account

Logout

Intents

CREATE INTENT

Try it now

Search intents

Default Fallback Intent

Default Welcome Intent

No regular intents yet. [Create the first one.](#)

Intents are mappings between a user's queries and actions fulfilled by your software. [Read more here.](#)

Before you start, check out [Prebuilt Agents](#), a collection of agents developed by the Dialogflow team.

Please use test console above to try a sentence.

Create Intention

- Intent name
- Train phrases
- Response

The screenshot displays the Dialogflow Essentials interface for creating a new intent. The left sidebar shows navigation options like 'Intents', 'Entities', 'Knowledge', 'Fulfillment', 'Integrations', 'Training', 'Validation', 'History', 'Analytics', 'Prebuilt Agents', 'Docs', 'Trial Free', 'Dialogflow CX', 'Support', 'Account', and 'Logout'. The main content area is titled 'Intent name' and includes a 'SAVE' button. A red error message 'Intent name is required' is visible. Below this, there are sections for 'Contexts', 'Events', 'Training phrases', 'Action and parameters', 'Responses', and 'Fulfillment'. The 'Training phrases' section contains a warning about deprecated template phrases and a description of training phrases, with an 'ADD TRAINING PHRASES' button highlighted. The 'Responses' section contains a description of responses and an 'ADD RESPONSE' button highlighted. A 'Try it now' button is located in the top right corner.

建立地址 Intent

- Intent name
 - 地址
- Training phrases
 - 設定觸發的問題
 - 使用者會怎麼問
- Response
 - 設定機器人回答答案

The screenshot displays the Dialogflow Essentials interface for configuring an intent. The left sidebar shows the navigation menu with 'Intents' selected. The main area is titled '地址' (address) and includes a 'SAVE' button. Below the title, there are sections for 'Contexts', 'Events', and 'Training phrases'. A yellow warning banner states: 'Template phrases are deprecated and will be ignored in training time. More details here.' The 'Training phrases' section contains three entries: '怎麼走', 'address', and '地址'. Below this is the 'Action and parameters' section, which includes a description of parameters and an 'ADD PARAMETERS AND ACTION' button. The 'Responses' section shows a 'Text Response' with two variants: '台中市西區民生路140號' and 'Enter a text response variant'. The right sidebar shows the 'Agent' configuration, including 'USER SAYS address', 'DEFAULT RESPONSE' (台中市西區民生路140號), and 'CONTEXTS' (address).

Entites

- 實體

The screenshot shows the Dialogflow Entities management interface. On the left is a navigation sidebar with options like Intents, Entities (selected), Knowledge, Fulfillment, Integrations, Training, Validation, History, Analytics, Prebuilt Agents, Docs, Trial Free, Dialogflow CX, Support, Account, and Logout. The main content area is titled 'Entities' and shows 'No entities yet. Create the first one.' with a link to 'Read more here.' and a note that system entities have already been created. On the right, a 'Try it now' panel shows a simulated user input 'address' and a default response '台中市西區民生路140號'.

Integration

- Line

The screenshot displays the Dialogflow Integrations interface. On the left is a navigation sidebar with options like Intents, Entities, Knowledge, Fulfillment, Integrations (highlighted), Training, Validation, History, Analytics, Prebuilt Agents, Docs, Trial Free, Upgrade, Dialogflow CX, Support, Account, and Logout. The main content area is titled 'Integrations' and is divided into several sections: 'One-click telephony BETA' (including Dialogflow Phone Gateway, Avaya, SignalWire, Voximplant, AudioCodes, Twilio), 'Telephony' (including Genesys Cloud, Twilio), 'Text based' (including Web Demo, Dialogflow Messenger, Messenger from Facebook, Workplace from Facebook, Google Chat, Slack, Telegram, and LINE, which is highlighted with a red box), and 'Open source' (including Kik, Skype, Spark, and Twilio IP Messaging). On the right side, there is a 'Try it now' section with a microphone icon and a 'DIAGNOSTIC INFO' button. Below this, there are sections for 'Agent', 'USER SAYS address', 'DEFAULT RESPONSE' (台中市西區民生路140號), 'CONTEXTS' (with a search box containing '__system_counters__'), 'INTENT' (地址), 'ACTION' (Not available), and 'SENTIMENT' (Query Score: 0.0).

Setup connect to Line

- Channel id
- Channel secret:
- Channel Access token:
- Webhook URL:
- (Copy to Linebot)



Line

Free Messaging. Whenever, Wherever.

Build an intelligent conversational LINE bot.

When your Dialogflow agent is ready, follow these instructions to connect it to a LINE Channel:

- If you don't have a LINE@ account, [create a LINE@ account with the Messaging API enabled](#).
- In the [LINE@ Manager](#), go to Settings > Bot Settings from the left side menu.
- On the Bot Settings page, in the 'Request Settings' section, set 'Allow' for 'Use webhooks'.
- Go to your LINE@ account page in the [LINE Business Center](#).
- In the 'Messaging API' section, click 'LINE Developers' to go to the Channel Console.
- Copy Channel ID and Channel Secret and paste into the respective fields below.
- Click 'ISSUE' for the 'Channel access token' item and paste its value to the respective field below.
- Click 'EDIT' and set the Webhook URL for your Channel by copying and pasting its value from the field below. Then click 'SAVE' and 'VERIFY'.
- Click the 'START' button below.

[More in documentation.](#)

Channel ID	<input type="text" value="Channel ID"/>
Channel Secret	<input type="text" value="Channel Secret"/>
Channel Access Token	<input type="text" value="Channel Access Token"/>
Webhook URL	<input type="text" value="https://dialogflow.cloud.google.com/v1/integrations/line/webhook/225f3be2-c1fc-45b2-b160-;"/>

Choose an environment to use with this integration.

Environment

Draft

CLOSE

START

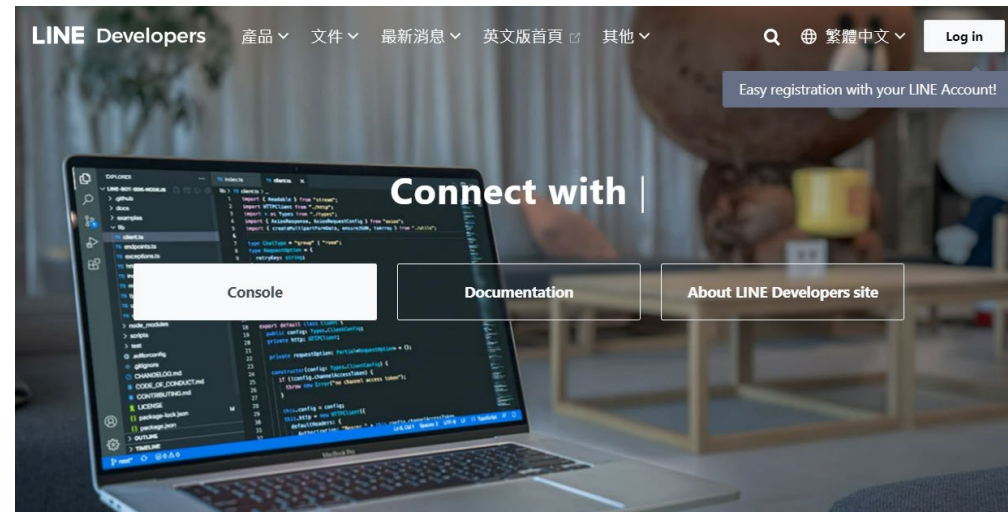
Important Connection Information

- Channel ID:
- Channel Secret:
- Channel Access Token:

- Webhook URL:

LINEBOT

Line developer <https://developers.line.biz/zh-hant/>



Products



LINE Login

讓 LINE 用戶輕鬆登入並連接開發者的服務。



Messaging API

開啟與 LINE 用戶的雙向溝通。



LINE MINI App

Connect your service and users with LINE MINI App.



LINE Things

透過 LINE 連接 Bluetooth® 低功耗裝置。

Create Provider

The screenshot shows the LINE Developers console interface. The left sidebar contains navigation links for 'Console home', 'Providers', 'Admin', 'Tools', and 'Support'. The main content area displays 'Recently visited channels' and a 'Providers (10)' section. The 'Create' button in the Providers section is highlighted with a red box. Below it is a search bar and a table of providers.

Provider	Role
chatbot_pu	Admin
chatbot_pu	Admin
dctchatbot	Admin
dctchatbot1213	Admin
googleline1217	Admin
NTCUDCT_EC	Admin
ntcudctchatbot0104	Admin

Messaging API

The screenshot shows the LINE Developers console interface. A modal dialog titled "Create a new provider" is open in the foreground. The "Provider name" input field is highlighted with a red border and contains the text "Dialogbot". Below the input field, there are three checkmarks indicating validation rules: "Don't leave this empty", "Don't use special characters (4-byte Unicode)", and "Enter no more than 100 characters". At the bottom of the dialog, there are "Cancel" and "Create" buttons. The background shows a list of providers with columns for "Provider name" and "Role".

The screenshot shows the LINE Developers console interface for the "Dialogbot" provider. The "Channels" tab is selected, and the page displays the message "This provider doesn't have any channels yet". Below this message, there are four options to create a channel: "Create a LINE Login channel", "Create a Messaging API channel", "Create a CLOVA Skill channel", and "Create a Blockchain Service channel". The "Create a Messaging API channel" option is highlighted with a red box. The background shows a list of providers with columns for "Provider name" and "Role".

設定必要資訊

LINE Developers News Products Documentation FAQ Glossary Community Blog

Console home Providers Admin chatbot_pu detchatbot Dialogbot googletline1217 NTCUDCT_EC ntcupythonbot Professor Wu professorwu_pu Tools Support

Create a new channel

Channel type: Messaging API

Provider: Dialogbot

Company or owner's country or region: Taiwan

Channel icon: Register

Channel name: Dialogbot1218

Channel description: Dialogflow+Line

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LINE Developers News Products Documentation FAQ Glossary Community Blog

Console home Providers Admin chatbot_pu detchatbot Dialogbot googletline1217 NTCUDCT_EC ntcupythonbot Professor Wu professorwu_pu Tools Support

Category: 學校

Subcategory: 研究所、大學

Email address: prof.chwu@gmail.com

Privacy policy URL: Enter privacy policy URL

Terms of use URL: Enter terms of use URL

I have read and agree to the LINE Official Account Terms of Use

I have read and agree to the LINE Official Account API Terms of Use

Create

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Messaging API -> Qrcode 加入好友

LINE Developers News Products Documentation FAQ Glossary Community Blog

Console home TOP > Dialogbot > Dialogbot1218 > Messaging API

Providers

Search...

Admin

- chatbot_pu
- chatbot_pu
- dtchatbot
- dtchatbot1213
- Dialogbot
- googleline1217
- NTCUDCT_EC
- ntcupythonbot
- Professor Wu
- professorwu_pu

Tools

Support

Dialogbot1218 Admin Messaging API


Basic settings **Messaging API** LIFF Security Statistics Roles

Messaging API settings

Bot information

Bot basic ID @939xtcdl

QR code



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

Available APIs

- REPLY_MESSAGE
- PUSH_MESSAGE

Webhook settings

Webhook URL

Edit

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Family sites English

Setup

- 設定Webhook URL
- (Copy from dialogflow)

The screenshot shows the LINE Developers console interface. The breadcrumb navigation is 'TOP > Dialogbot > Dialogbot1218 > Messaging API'. The main content area is titled 'Available APIs' and lists 'REPLY_MESSAGE' and 'PUSH_MESSAGE'. Below this is the 'Webhook settings' section, where the 'Webhook URL' field is highlighted with a red box, and the 'Edit' button next to it is also highlighted with a red box. The 'LINE Official Account features' section includes 'Allow bot to join group chats' (Disabled), 'Auto-reply messages' (Enabled), and 'Greeting messages' (Enabled). The 'Channel access token' section has an 'Issue' button. The footer contains copyright information for LINE Corporation and language/site selection options.

Webhook

Edit -> Past -> Verify -> 出現Success

Use webhook

Console home

Providers

Admin

chatbot_pu

chatbot_pu

dtchatbot

dtchatbot1213

Dialogbot

googleline1217

NTCUDCT_EC

ntcupythonbot

Professor Wu

professorwu_pu

Tools

Support

TOP > Dialogbot > Dialogbot1218 > Messaging API

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

Available APIs

- REPLY_MESSAGE
- PUSH_MESSAGE

Webhook settings

Webhook URL

Don't leave this empty
 Enter a valid HTTPS URL
 Enter no more than 500 characters

LINE Official Account features

Edit the message text and other settings for these features in the LINE Official Account Manager

Allow bot to join group chats Disabled [Edit](#)

Auto-reply messages Enabled [Edit](#)

Greeting messages Enabled [Edit](#)

Channel access token

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

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Family sites English

Console home

Providers

Admin

chatbot_pu

chatbot_pu

dtchatbot

dtchatbot1213

Dialogbot

googleline1217

NTCUDCT_EC

ntcupythonbot

Professor Wu

professorwu_pu

Tools

Support

TOP > Dialogbot > Dialogbot1218 > Messaging API

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

Available APIs

- REPLY_MESSAGE
- PUSH_MESSAGE

Webhook settings

Webhook URL

Use webhook

LINE Official Account features

Edit the message text and other settings for these features in the LINE Official Account Manager

Allow bot to join group chats Disabled [Edit](#)

Auto-reply messages Enabled [Edit](#)

Greeting messages Enabled [Edit](#)

Channel access token

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

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Family sites English

這樣才是成功

Webhook settings

Webhook URL ?

Verify

Edit

Use webhook ?



取得Channel access token

LINE Official Account features

Edit the message text and other settings for these features in the LINE Official Account Manager

Allow bot to join group chats ? Disabled Edit 

Auto-reply messages ? Enabled Edit 

Greeting messages ? Enabled Edit 

Channel access token

Channel access token (long-lived) ?

[Redacted token]



Reissue

Disable Greeting message Auto-response message

Edit the message text and other settings for these features in the LINE Official Account Manager

Allow bot to join group chats ② Disabled [Edit](#)

Auto-reply messages ② Enabled [Edit](#)

Greeting messages ② Enabled [Edit](#)

Channel access token

Channel access token (long-lived) ②

QEJEx1H00PRQamc3NWIM9RksREBoVsrDk/1XQSW3ogam08PGJE3VSG46XQVkgL4B20thXbK5SRqIT5E2xT1SJrIfacvcxpPswITAU0uaW2XVgyM4FG0xOr2rqTnpQiyynu/ZYsTbRYwUCdIs+2BWwdB04t89/10/w1cDnyilFU=

[Reissue](#)

LINE Official Account Manager Dialogbot1218 @939xtcdl 輕用量 0 Chat : Off

Home Insight Chats Profile LINE VOOM Extensions Shopping Mall [Settings](#)

Settings

- Account settings
- Manage permissions
- Response settings**
- Messaging API
- Registered info
- Activity and billing
 - Dashboard
 - Monthly plan
 - Premium ID
 - Billing history
 - Payment method
 - eGUI details

Response settings

Configure how your account will handle chats based on your account's objectives.

Toggle responses

Chat Talk directly to your account friends through chat.

Greeting message Send a greeting in chat when someone first friends your account. [Greeting message settings](#)

Webhooks Send a webhook event from the LINE platform to the webhook URL when, for example, someone sends a message to your account or friends your account. [Messaging API settings](#)

Auto-response messages Automatically sends a response when certain conditions are met. [Auto-response message settings](#)

Chat response method

Requires "Chat" to be enabled

Response hours Once you set response hours, you can choose different response methods for during and outside those hours.

Response method **During response hours**

- Manual chat
- Manual chat + auto-response messages
Use auto-response messages to quickly respond to customer inquiries while keeping manual chat features for detailed interactions.
- Manual chat + AI response messages
Let AI response messages handle basic questions while keeping manual chat features for detailed interactions.
- Manual chat + auto-response messages + AI response messages
Use auto-response messages to quickly respond to common questions based on keywords while letting AI response messages handle other basic questions. (Auto-response messages won't work without a registered keyword.)

取得Channel ID

The screenshot displays the LINE Developers console interface. On the left is a sidebar with navigation options: Console home, Providers (with a search bar), Admin (listing various chatbot providers like chatbot_pu, dtchatbot, Dialogbot, etc.), Tools, and Support. The main content area shows the 'Basic settings' page for 'Dialogbot1218'. The 'Channel ID' is prominently displayed as '1657747486' and is enclosed in a red rectangular box. Other visible settings include the channel name 'Dialogbot1218', channel description 'Dialogflow+Line', and email address 'prof.chwu@gmail.com'. The channel icon is a red square with a black character.

取得 Channel secret

LINE Developers News Products Documentation FAQ Glossary Community Blog

Console home

Providers

Search...

Admin

- chatbot_pu
- chatbot_pu
- dctchatbot
- dctchatbot1213
- Dialogbot
- googleline1217
- NTCUDCT_EC
- ntcupythonbot
- Professor Wu
- professorwu_pu

Tools

Support

TOP > Dialogbot > Dialogbot1218 > Basic settings

Channel name Dialogbot1218

Channel description Dialogflow+Line [Edit](#)

Email address [?](#) prof.chwu@gmail.com [Edit](#)

Privacy policy URL - [Edit](#)

Terms of use URL optional [Edit](#)

App types Bot

Permissions [?](#) PROFILE

Channel secret [?](#) b7b549485a69a04ab3a8cd43d59e19dd [Issue](#)

Assertion Signing [Register a public key](#)

Key [?](#)

Your user ID [?](#) U9b46de58e3750327c7e2fa1c12b5abe7

Delete this channel [Delete](#)

Dialogflow

- Fill the information

The screenshot displays the Dialogflow Essentials 'Integrations' page. A modal window for the 'Line' integration is open, titled 'Line' with the tagline 'Free Messaging. Whenever. Wherever.' The modal contains instructions for connecting a Dialogflow agent to a LINE Channel. A red box highlights the input fields for 'Channel ID', 'Channel Secret', and 'Channel Access Token'. The 'Webhook URL' field is pre-filled with a URL. Below the fields, there is a dropdown menu for 'Environment' set to 'Draft' and 'CLOSE' and 'START' buttons.

Dialogflow Essentials Global Integrations Try it now

Linebot1218 zh-TW

Intents Entities Knowledge [beta] Fulfillment Integrations Training Validation History Analytics Prebuilt Agents Docs Trial Free Upgrade Dialogflow CX [new] Support Account Logout

One-click telephony BETA Agent

LINE Line Free Messaging. Whenever. Wherever.

Build an intelligent conversational LINE bot.

When your Dialogflow agent is ready, follow these instructions to connect it to a LINE Channel:

- If you don't have a LINE@ account, [create a LINE@ account with the Messaging API enabled](#).
- In the [LINE@ Manager](#), go to Settings > Bot Settings from the left side menu.
- On the Bot Settings page, in the 'Request Settings' section, set 'Allow' for 'Use webhooks'.
- Go to your LINE@ account page in the [LINE Business Center](#).
- In the 'Messaging API' section, click 'LINE Developers' to go to the Channel Console.
- Copy Channel ID and Channel Secret and paste into the respective fields below.
- Click 'ISSUE' for the 'Channel access token' item and paste its value to the respective field below.
- Click 'EDIT' and set the Webhook URL for your Channel by copying and pasting its value from the field below. Then click 'SAVE' and 'VERIFY'.
- Click the 'START' button below.

[More in documentation](#)

Channel ID Channel ID

Channel Secret Channel Secret

Channel Access Token Channel Access Token

Webhook URL `https://dialogflow.cloud.google.com/v1/integrations/line/webhook/225f3be2-c1fc-45b2-b160-?i=`

Choose an environment to use with this integration.

Environment Draft

CLOSE START

Open source

Success

