

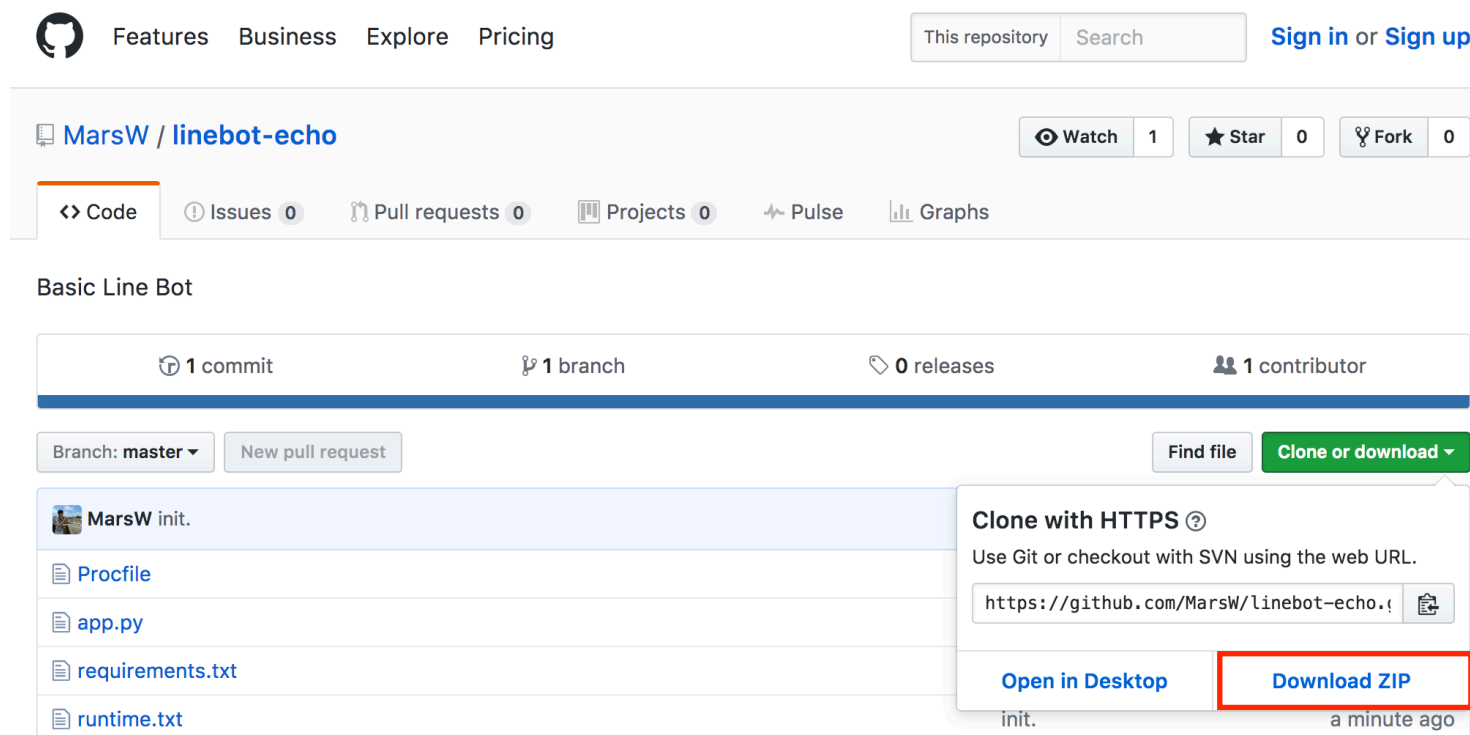
# Line Bot 部署

# 第一次設定

- 新增資料夾 linebot
- 下載範例程式，解壓縮

<https://github.com/MarsW/linebot-echo>

- 將解壓縮後的4個檔案複製到linebot資料夾中



# 程式修改與發佈

- 開啟終端機(Terminal)/命令提示字元(cmd)
- 進到 linebot 資料夾的路徑
- 修改 app.py 程式碼 - 設定Line Token
- 發佈至 Heroku

# 到指定的目錄

- **cd xxx** 到 xxx 的目錄下
- ★ **cd ..** 回到上一層
- ◆ **cd** 回到使用者家目錄

```
MacBook-Pro-2:~ MarsW$ cd Desktop/linebot/  
MacBook-Pro-2:linebot MarsW$
```

↑ 下了指令後，進到linebot資料夾中

# 列出所在目錄資料

- **ls**      Unix      (Mac, Ubuntu, FreeBSD....)
- **dir**      MS-DOS (Windows)

```
MacBook-Pro-2:linebot MarsW$ ls  
Procfile            app.py            requirements.txt runtime.txt
```

↑下了指令後，會看到底下有剛才複製的4個檔案

# 修改 app.py 程式碼

設定 Line Token

進入 LINE@MANAGER 的頁面，點選 LINE Developers，複製 Channel Secret、Channel Access Token

```
handler = WebhookHandler('Your_Channel_Secret')
line_bot_api = LineBotApi('Your_Channel_Access-Token')
```

LINE@MANAGER

1000 1對1聊天模式關閉

先生 / 小姐 (管理員) 帳號一覽 登出

**Bot設定**

LINE Developers API Document

狀態 **開啟**

LINE Developers

可使用的API

REPLY\_MESSAGE  
PUSH\_MESSAGE

**請求設定**

此處可進行LINE Platform對您何服务器的傳訊請求設定。

Webhook傳訊 ☒ 允許 ☐ 取消

**詳細資訊**

是否可讓Bot加入群組聊天室 ☐ 允許 ☒ 取消

自動回應 % ☐ 使用 (將會使用於管理畫面所設定的訊息進行回覆) ☒ 取消

用戶加入好友時的問候語 % ☒ 使用 (將會使用於管理畫面所設定的訊息進行回覆) ☐ 取消

儲存

LINE developers

Channels Basic information

Basic Information

Server IP Whitelist

Roles

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Terms of Use

LINE Business Center

Channel ID

Channel Secret \*\*\*\*\* **SHOW**

Name

Description

Application type BOT

App icon

QR Code

Webhook URL

Channel Access Token Long term token which is displayed permanently. **SHOW**

Your user ID User ID of your LINE account. Used to test sending messages with the Messaging API. Note: You must be a friend of the LINE@ account for this Channel to send messages. Scan the QR code above with your LINE app to add the account. **EDIT**

# 發佈至 Heroku - 登入

- heroku login

# 發佈至 Heroku - 初始化

- **git init** 初始化
- **git config --global user.email "你的email"** 設定發佈的作者email
- **git config --global user.name "你的暱稱"** 設定發佈的作者
- **heroku git:remote -a xxx** 設定發佈的位置  
(xxx代表是你的App名稱)



# 發佈至 Heroku

- **git add .** 把這個目錄底下所有更動的檔案全部加入待上傳清單
- **git commit -m "init."** 這次更動的原因是「init.」
- **git push heroku master** 發佈至heroku

```
MacBook-Pro-2:linebot MarsW$ heroku login
Enter your Heroku credentials:
Email: ymjh11436@gmail.com
Password: *****
Logged in as ymjh11436@gmail.com
MacBook-Pro-2:linebot MarsW$ git init
Initialized empty Git repository in /Users/MarsW/Desktop/linebot/.git/
MacBook-Pro-2:linebot MarsW$ heroku git:remote -a marsw-linebot-echo
set git remote heroku to https://git.heroku.com/marsw-linebot-echo.git
MacBook-Pro-2:linebot MarsW$ git add .
MacBook-Pro-2:linebot MarsW$ git commit -m 'init.'
[master (root-commit) 818d32b] init.
4 files changed, 61 insertions(+)
create mode 100755 Procfile
create mode 100755 app.py
create mode 100755 requirements.txt
create mode 100755 runtime.txt
MacBook-Pro-2:linebot MarsW$ git push heroku master
```

HEROKU

Jump to Favorites, Apps, Pipelines, Spaces...

Personal apps > marsw-linebot-echo

★ Open app More ▾

OverviewResourcesDeployMetricsActivityAccessSettings

Name

marsw-linebot-echo

Edit

Config Variables

Reveal Config Vars

Config vars change the way your app behaves. In addition to creating your own, some add-ons come with their own.

Info

RegionUnited States

Stackheroku-16

FrameworkPython

Slug size57.8 MB of 300 MB

Heroku Git URLhttps://git.heroku.com/marsw-linebot-echo.git

Buildpacks

Buildpacks

Add buildpack

heroku/python

✕

Domains and certificates

Domain

Your app can be found at https://marsw-linebot-echo.herokuapp.com/

SSL

Upgrade to paid dynos to configure Heroku SSL

Add domain

Custom domains will appear here

Custom domains allow you to access your app via one or more non-Heroku domain names (for example, www.yourcustomdomain.com)

Transfer Ownership

Select a new owner...

Transfer

Maintenance Mode

Maintenance mode is off

Delete App

Delete app...

Deleting your app and its add-ons is irreversible.

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可在Heroku>Settings，查詢App的名稱&發佈網址



若成功發佈，輸入App網址應可看到歡迎訊息

# App & Line串接

將App網址後方加入/callback  
利用QR碼加入好友，  
即可開始使用此Linebot功能

LINE developers Documents

Channels > Basic information

Basic information

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LINE Business Center

LINE Corp

Channel ID

Channel Secret

SHOW

Name

Description

Application type

BOT

App icon

QR Code

Webhook URL

<https://marsw-linebot-echo.herokuapp.com/callback>

VERIFY

Channel Access Token

ISSUE

Your userid

EDIT

LINE developers Documents

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Channel ID

Name

Description

500 characters

App icon

(Edit...)

Webhook URL

<https://marsw-linebot-echo.herokuapp.com/callback>

500 characters

BACK

SAVE

# 更新與發佈至 Heroku

- **cd xxx** 到xxx的目錄下
- **heroku login** 登入 Heroku
- **git add .** 把這個目錄底下所有更動的檔案全部加入待上傳清單
- **git commit -m "修改原因"** 敘述修改原因
- **git push heroku master** 發佈至heroku

```
MacBook-Pro-2:linebot MarsW$ heroku login
Enter your Heroku credentials:
Email: ymjh11436@gmail.com
Password: *****
Logged in as ymjh11436@gmail.com
MacBook-Pro-2:linebot MarsW$ git init
Initialized empty Git repository in /Users/MarsW/Desktop/linebot/.git/
MacBook-Pro-2:linebot MarsW$ heroku git:remote -a marsw-linebot-echo
set git remote heroku to https://git.heroku.com/marsw-linebot-echo.git
MacBook-Pro-2:linebot MarsW$ git add .
MacBook-Pro-2:linebot MarsW$ git commit -m 'init.'
[master (root-commit) 818d32b] init.
4 files changed, 61 insertions(+)
create mode 100755 Procfile
create mode 100755 app.py
create mode 100755 requirements.txt
create mode 100755 runtime.txt
MacBook-Pro-2:linebot MarsW$ git push heroku master
```

# 相關網址連結

- 範例程式 <https://github.com/MarsW/linebot-echo>
- LINE Bot <https://business.line.me/zh-hant/services/bot>
- Heroku <https://www.heroku.com/>