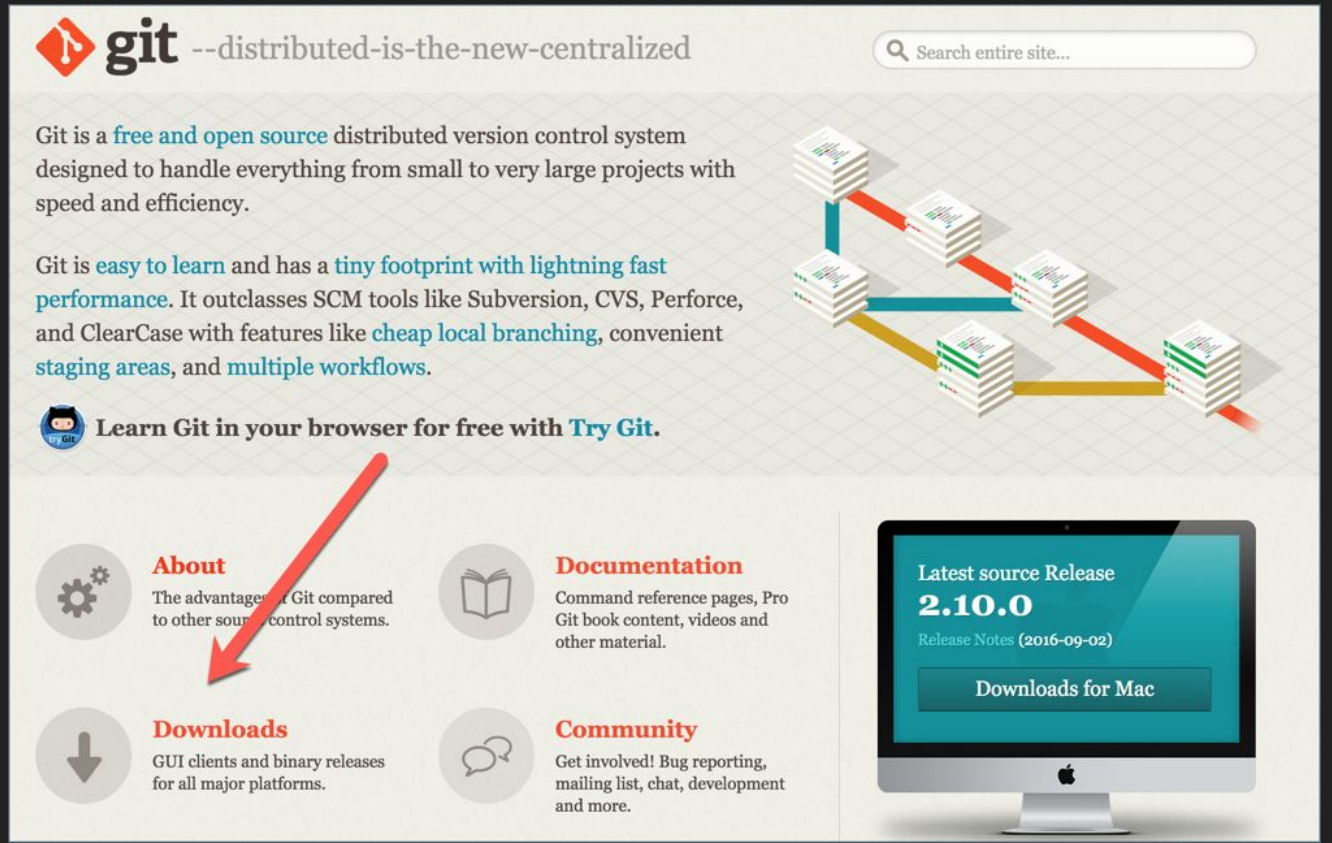
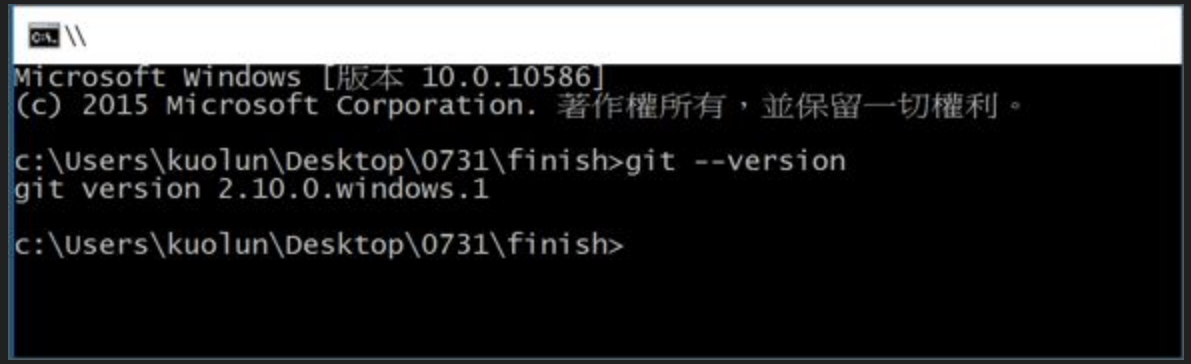
# Deploy to Heroku & GitHub

# 安装Git https://git-scm.com/

一直下一步即可



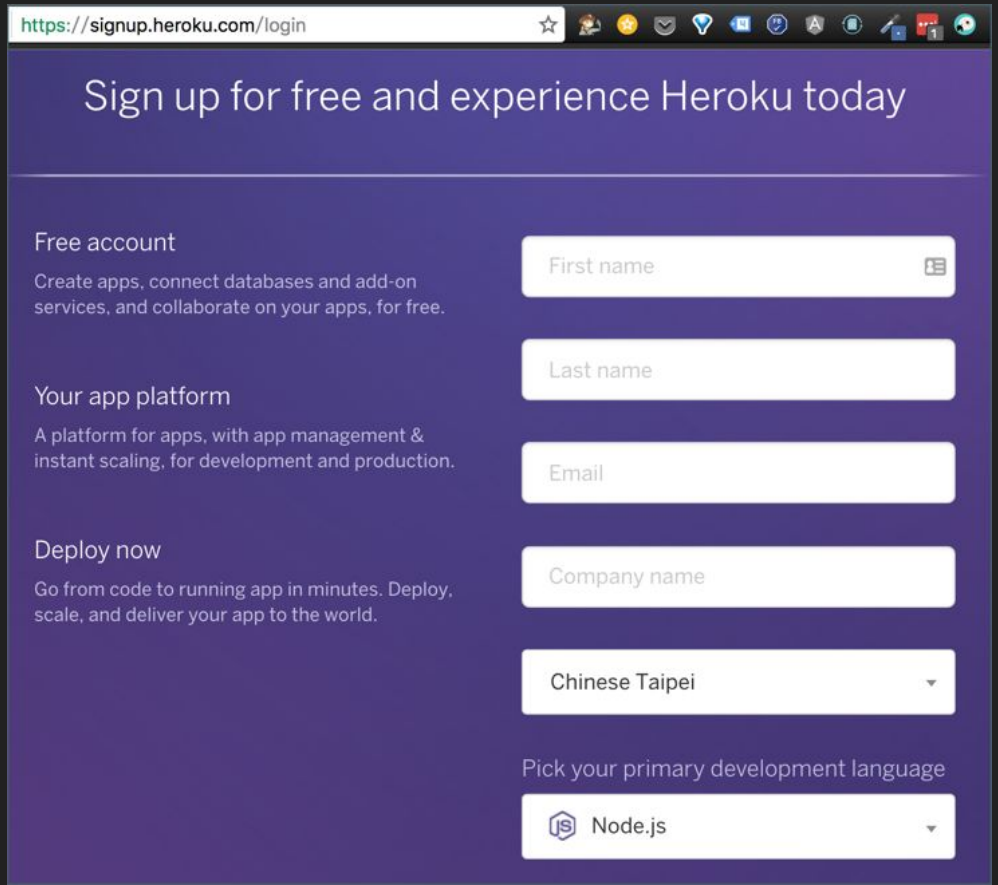
# check Git 是否有裝好　git  --version



# 註冊Heroku https://www.heroku.com/

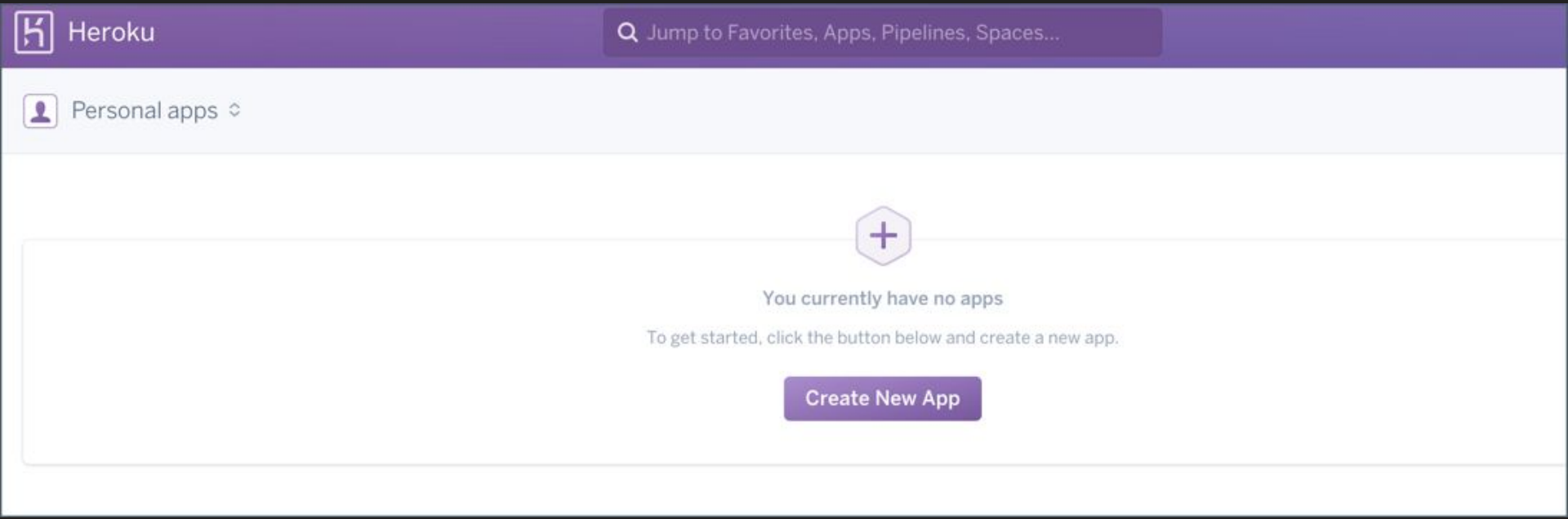
選Node.js

收信驗證

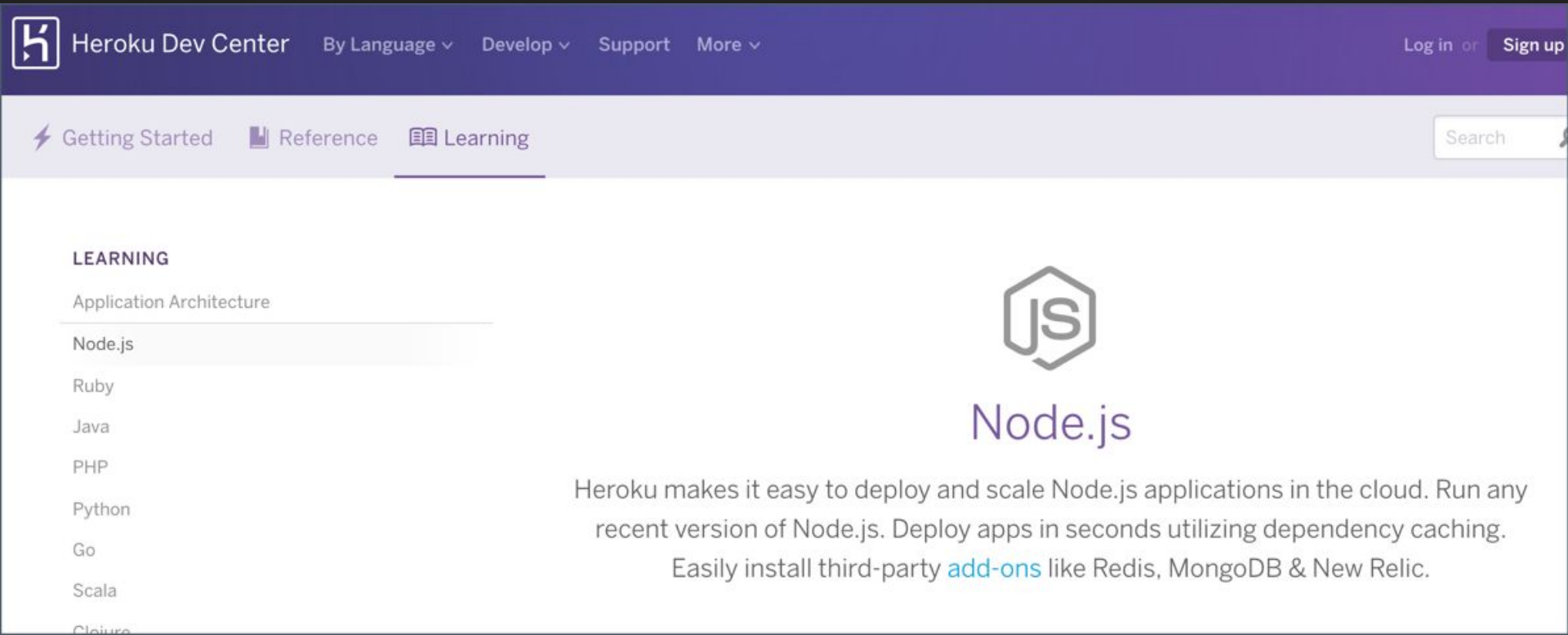


Set your password
Create your password and log in to your Heroku account.
Password*
Password
Minimum 8 characters: Letters, numbers, and/or symbols
Password Confirmation*
Retype password
Confirm your password

# Dashboard

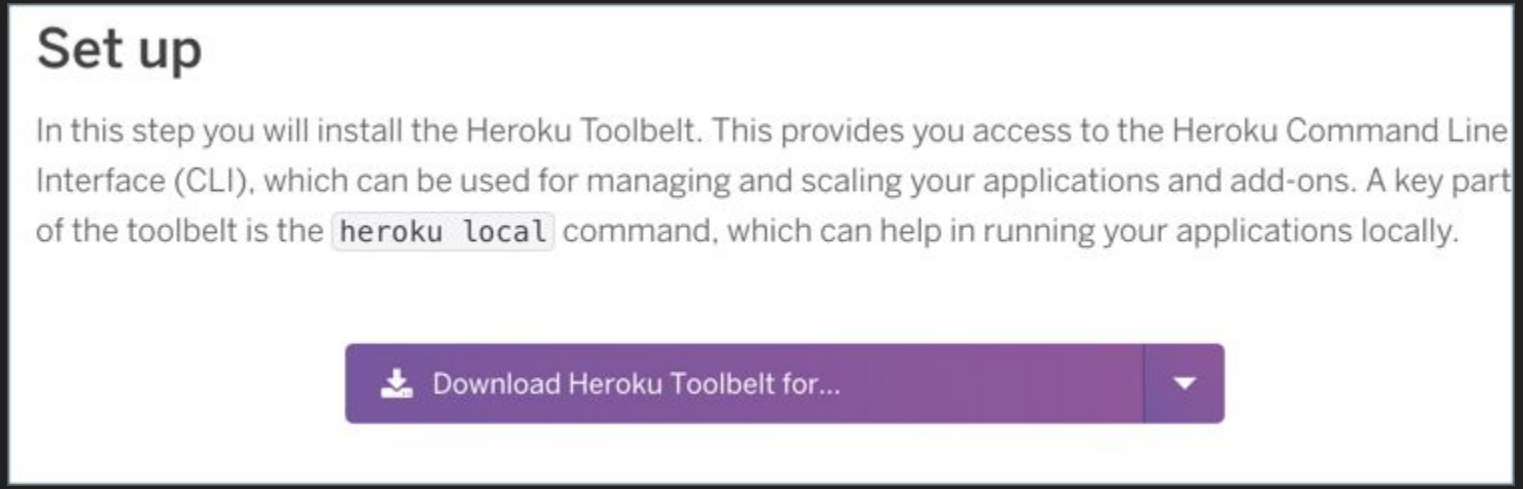

Heroku
Jump to Favorites, Apps, Pipelines, Spaces...
Personal apps
You currently have no apps
To get started, click the button below and create a new app.
Create New App

# Documentation



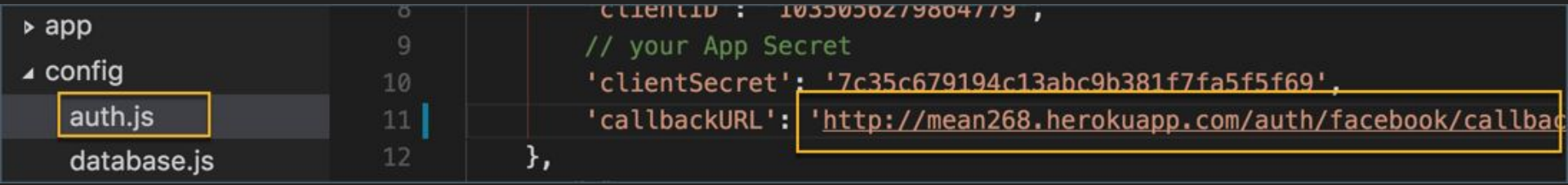
# 安裝Heroku toolbelt

https://devcenter.heroku.com/articles/getting-started-with-nodejs#set-up



# FB developer新增URI

把localhost改成heroku的網址(mean268改成你等下要命名的name)
並在OAuth處新增重新導向URI

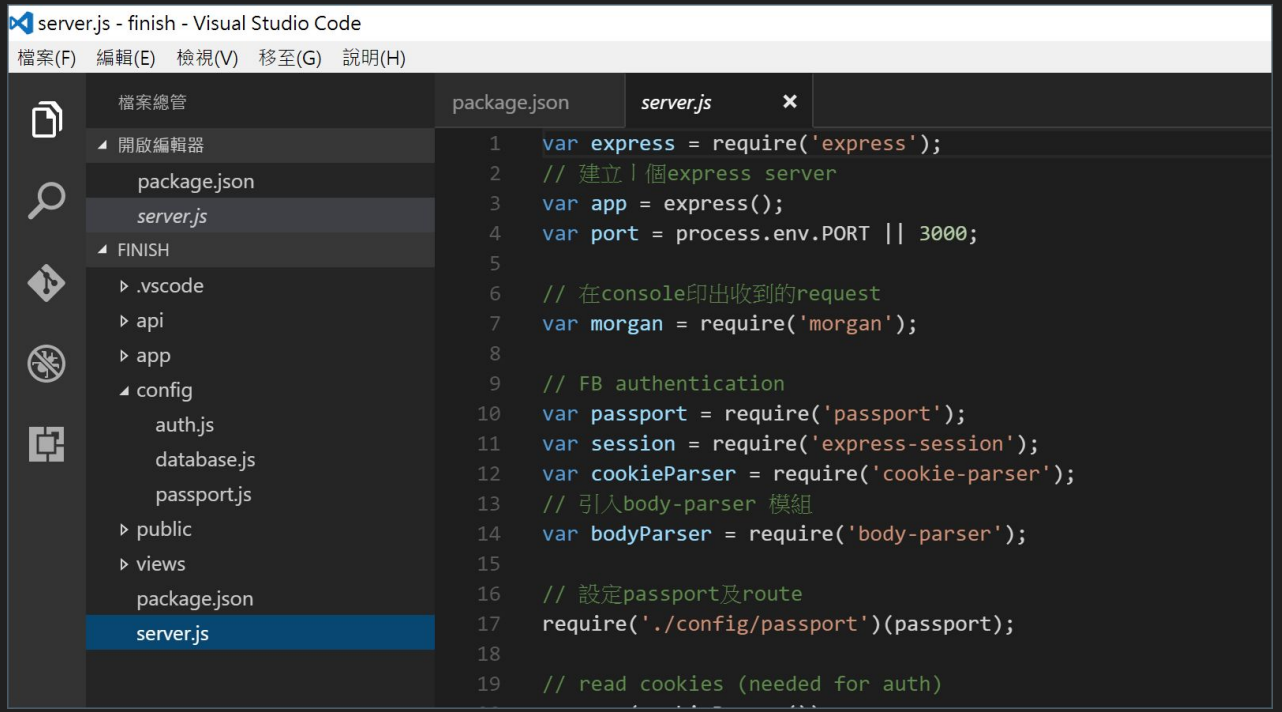


# 用VS Code開啟要deploy的資料夾

不需包含
node_modules

heroku會幫我們執行

npm install



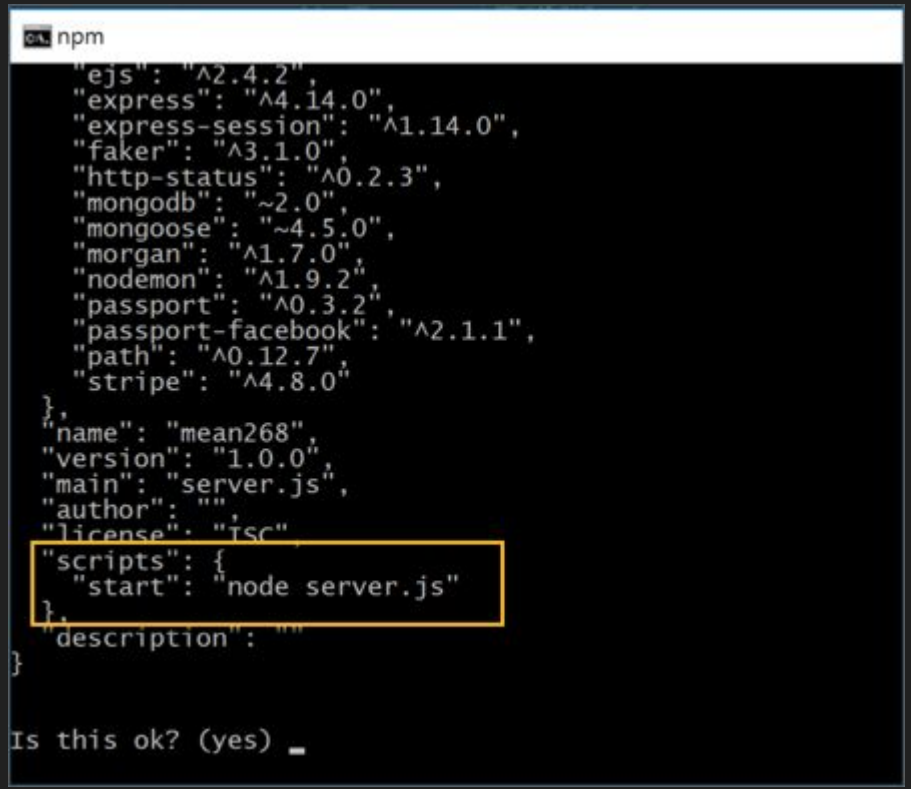
# 開啟命令列輸入npm init

要有產生scripts

推到heroku後

heroku才能跑npm start指令

去執行node server.js



# 修改敏感資料-先把資料copy到記事本並修改成process.env.XXXXX

config/auth.js

```
  'facebookAuth': {
      'clientID': '1035056279864779',
      'clientSecret':process.env.CLIENTSECRET,
      'callbackURL': 'http://mean268.herokuapp.com/auth/facebook/callback'
   },
```

config/database.js

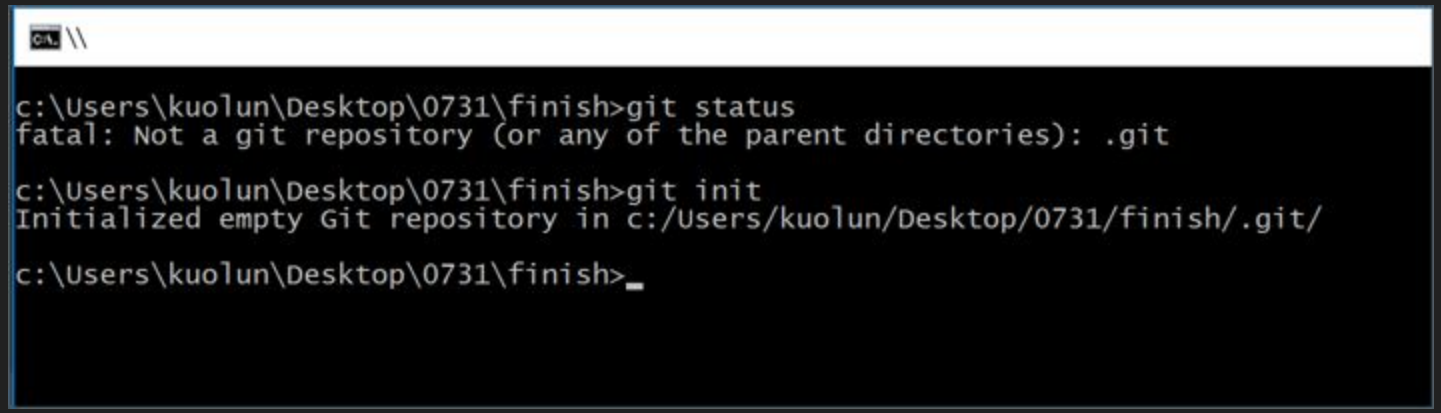
```
var dbURI = process.env.DBURI;
```

app/route.js

```
 var Stripe = require('stripe')(process.env.SKKEY);
```

# git-開啟專案資料夾

- 輸入git status會看到目前非git repository
- 輸入git init 做初始化，使其成為git repository



- 讓目前目錄下所有檔案加入staged, 準備commit
- git status可看到目前是master branch

```
kuolundeMacBook-Pro:finish kuolun$ git add .
kuolundeMacBook-Pro:finish kuolun$ git status
On branch master
```

- commit

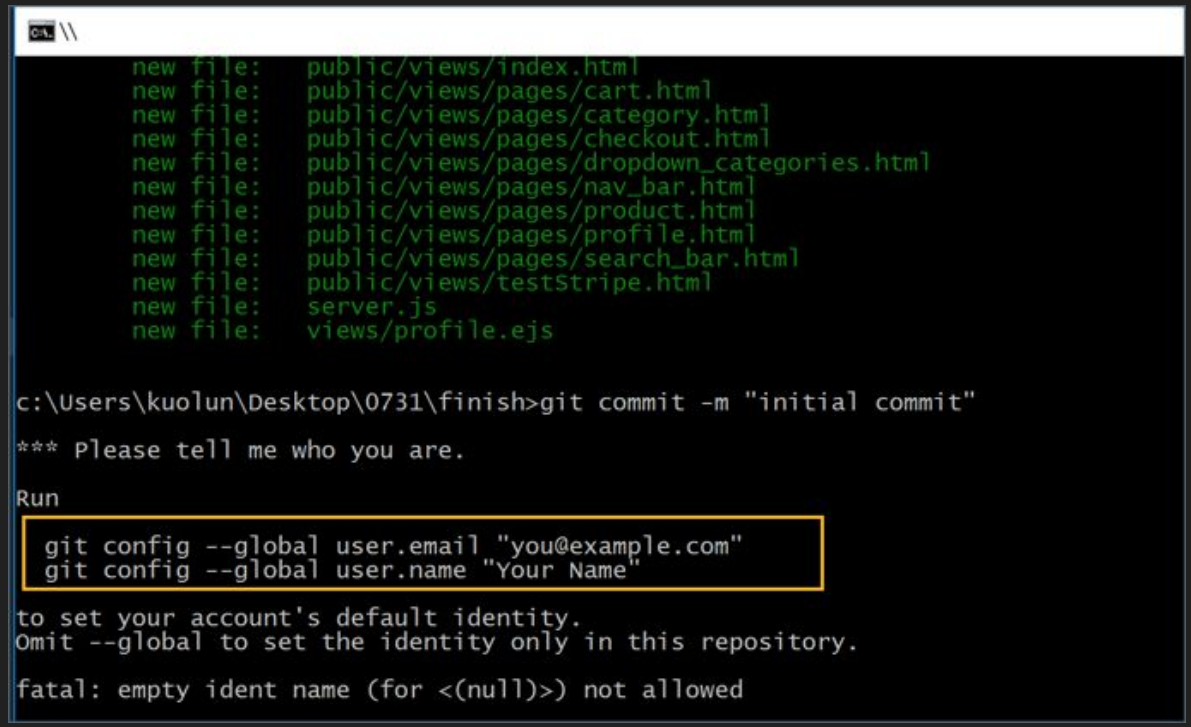
```
kuolundeMacBook-Pro:finish kuolun$ git commit -m "initial commit"
[master (root-commit) 64511a3] initial commit
 31 files changed, 1821 insertions(+)
```

# 如果有錯誤

用這兩行指令

設定自己的email及name後

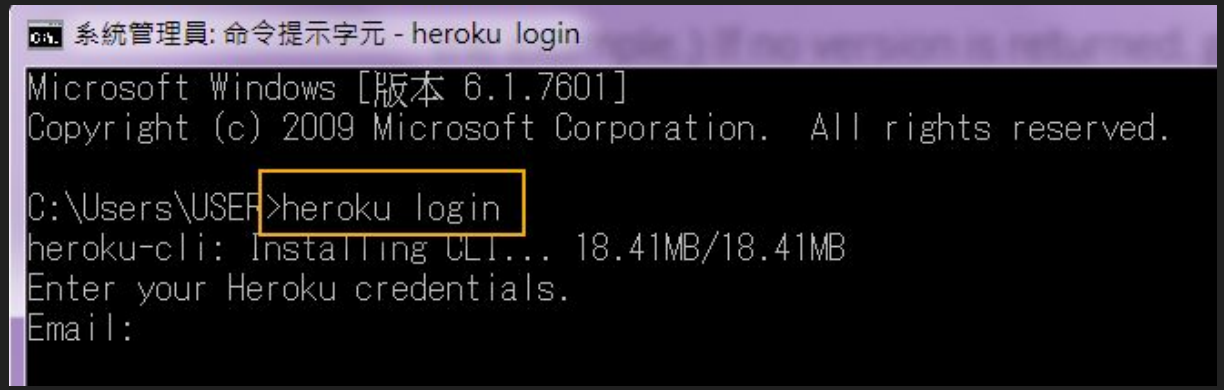
再重下一次commit指令



# 打開finish資料夾，開啟terminal

輸入heroku login

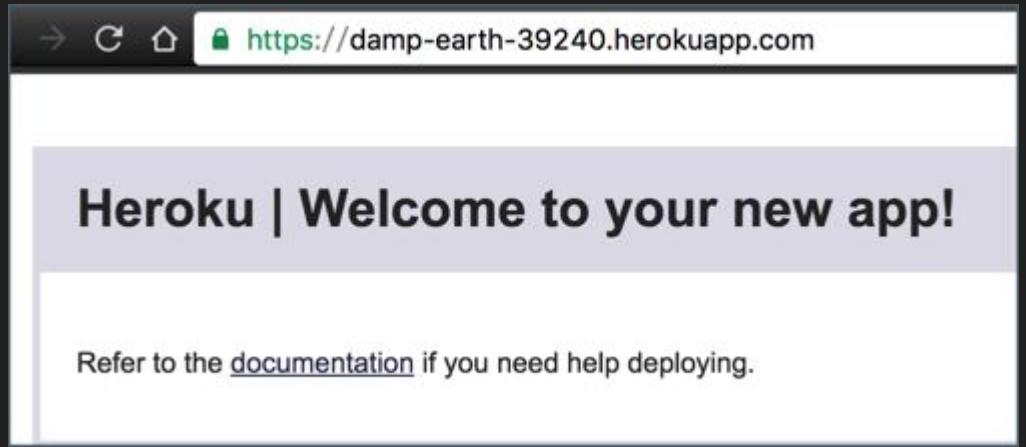
登入註冊時的帳號密碼



# heroku create

- 在heroku建立app及URL
- 與我們的git repo建立關聯

```
kuolundeMacBook-Pro:finish kuolun$ heroku create
Creating app... done, ⬢ damp-earth-39240
https://damp-earth-39240.herokuapp.com/ | https://git.heroku.com/damp-earth-3924
0.git
```



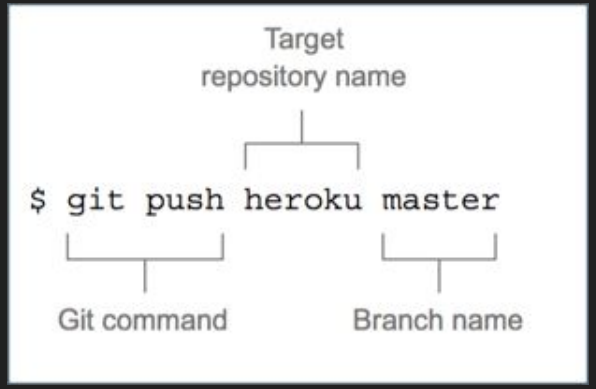
# git remote -v

- 可看到有加上了remote為heroku，可讓我們push code過去

```
kuolundeMacBook-Pro:finish kuolun$ git remote -v
heroku  https://git.heroku.com/damp-earth-39240.git (fetch)
heroku  https://git.heroku.com/damp-earth-39240.git (push)
kuolundeMacBook-Pro:finish kuolun$
```

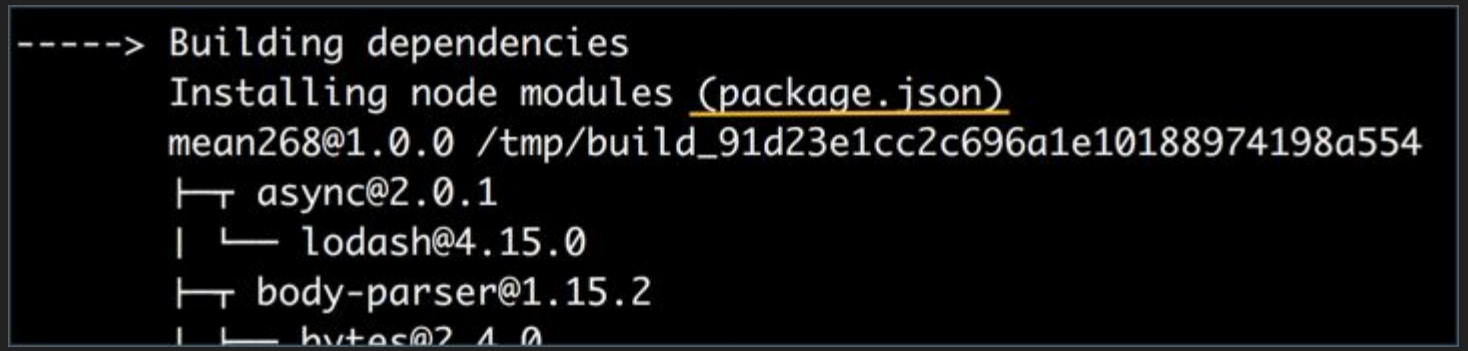
# git push heroku master

把master branch的東西push到heroku




```
kuolundeMacBook-Pro:finish kuolun$ git push heroku master
Counting objects: 48, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (45/45), done.
Writing objects: 100% (48/48), 21.19 KiB | 0 bytes/s, done.
Total 48 (delta 4), reused 0 (delta 0)
remote: Compressing source files... done.
remote: Building source:
remote:
remote: -----> Node.js app detected
remote:
remote: -----> Creating runtime environment
```

會去看package.json的東西，安裝dependencies



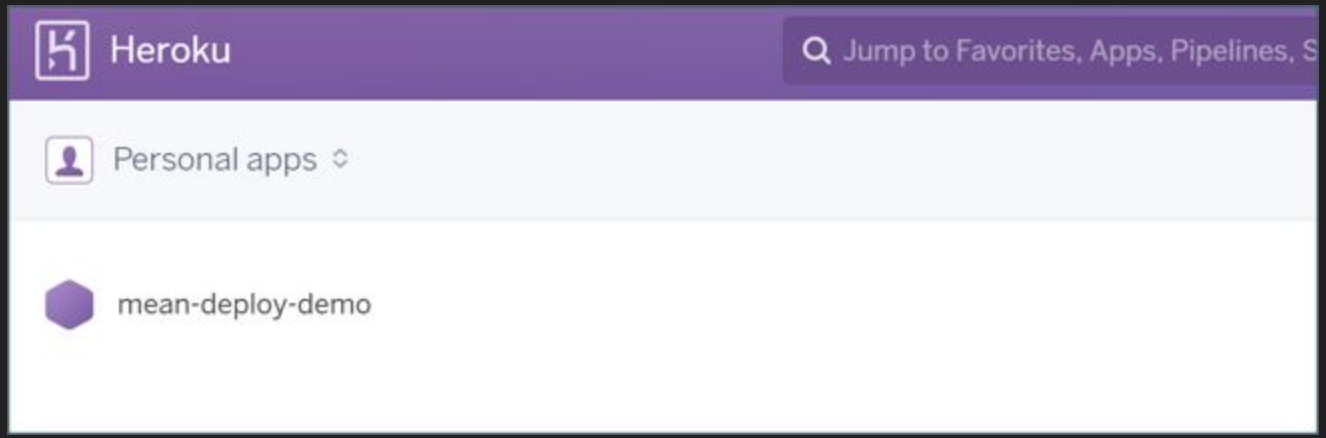
# heroku rename

改網址

```
kuolundeMacBook-Pro:finish kuolun$ heroku rename mean268
Renaming damp-earth-39240 to mean268... done
https://mean268.herokuapp.com/ | https://git.heroku.com/mean268.git
Git remote heroku updated
```

```
kuolundeMacBook-Pro:finish kuolun$ git remote -v
heroku  https://git.heroku.com/mean268.git (fetch)
heroku  https://git.heroku.com/mean268.git (push)
```

# 此時heroku已經出現一個新APP



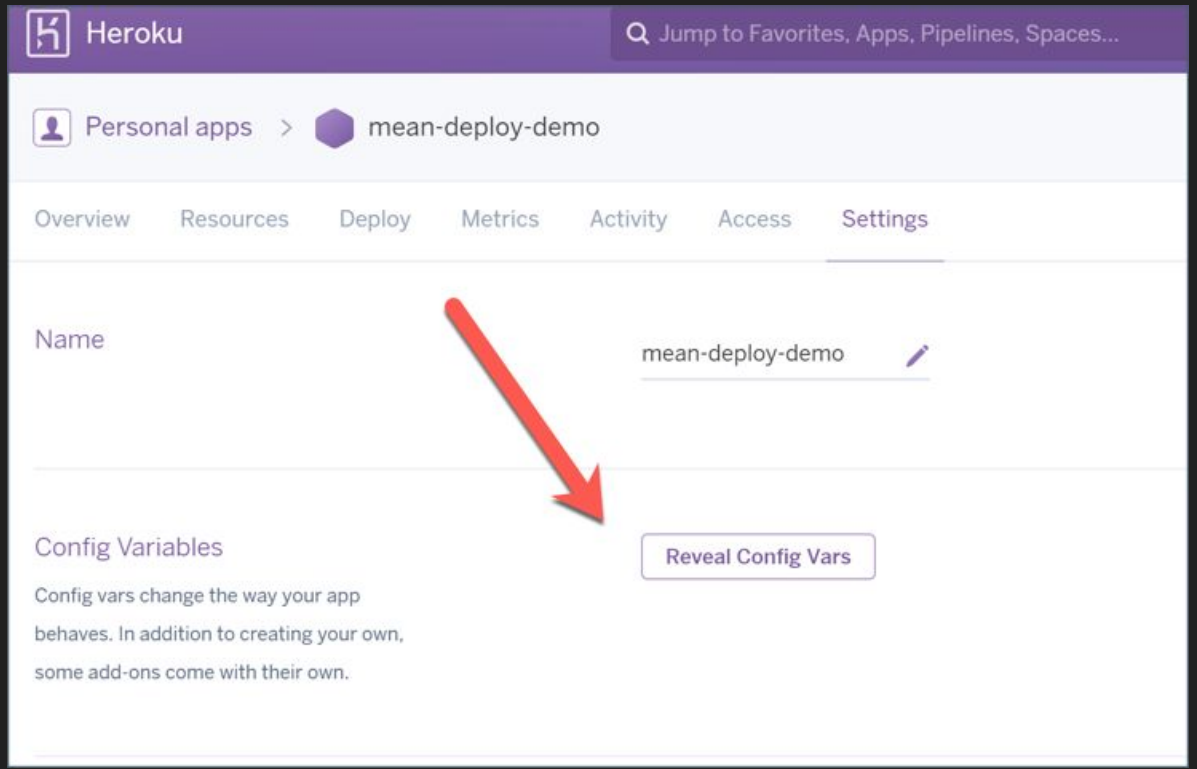
# 設定heroku上的configVar

進入app後

到settings的

Config Variables

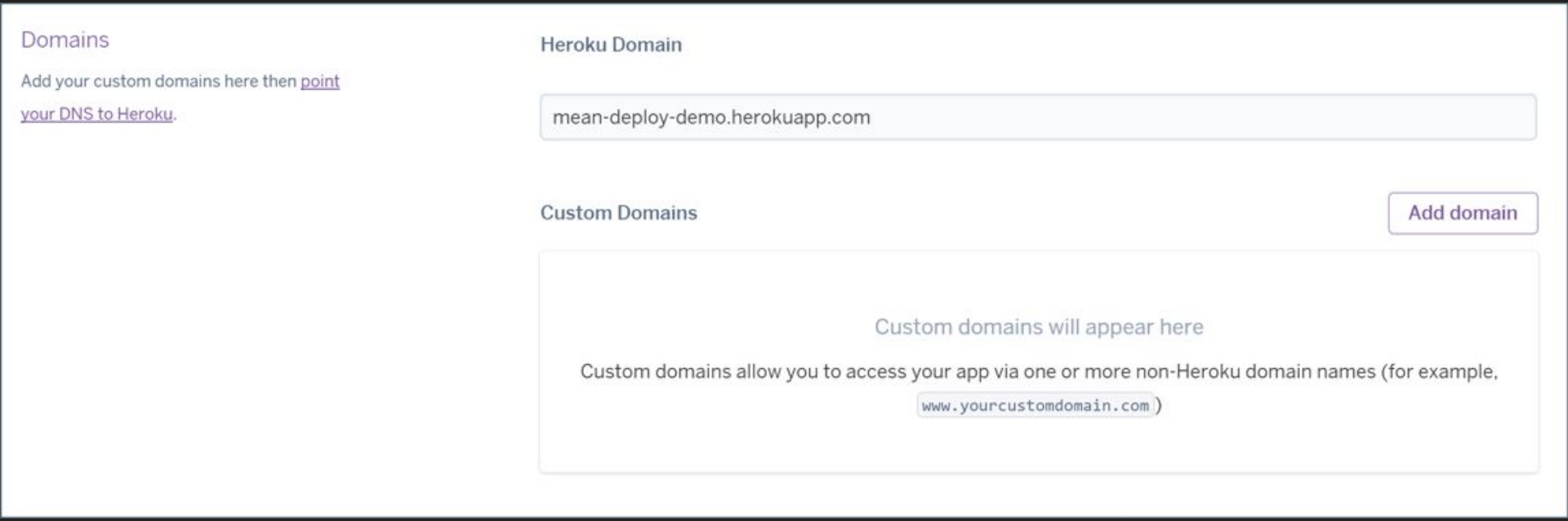
設定剛剛的敏感資料

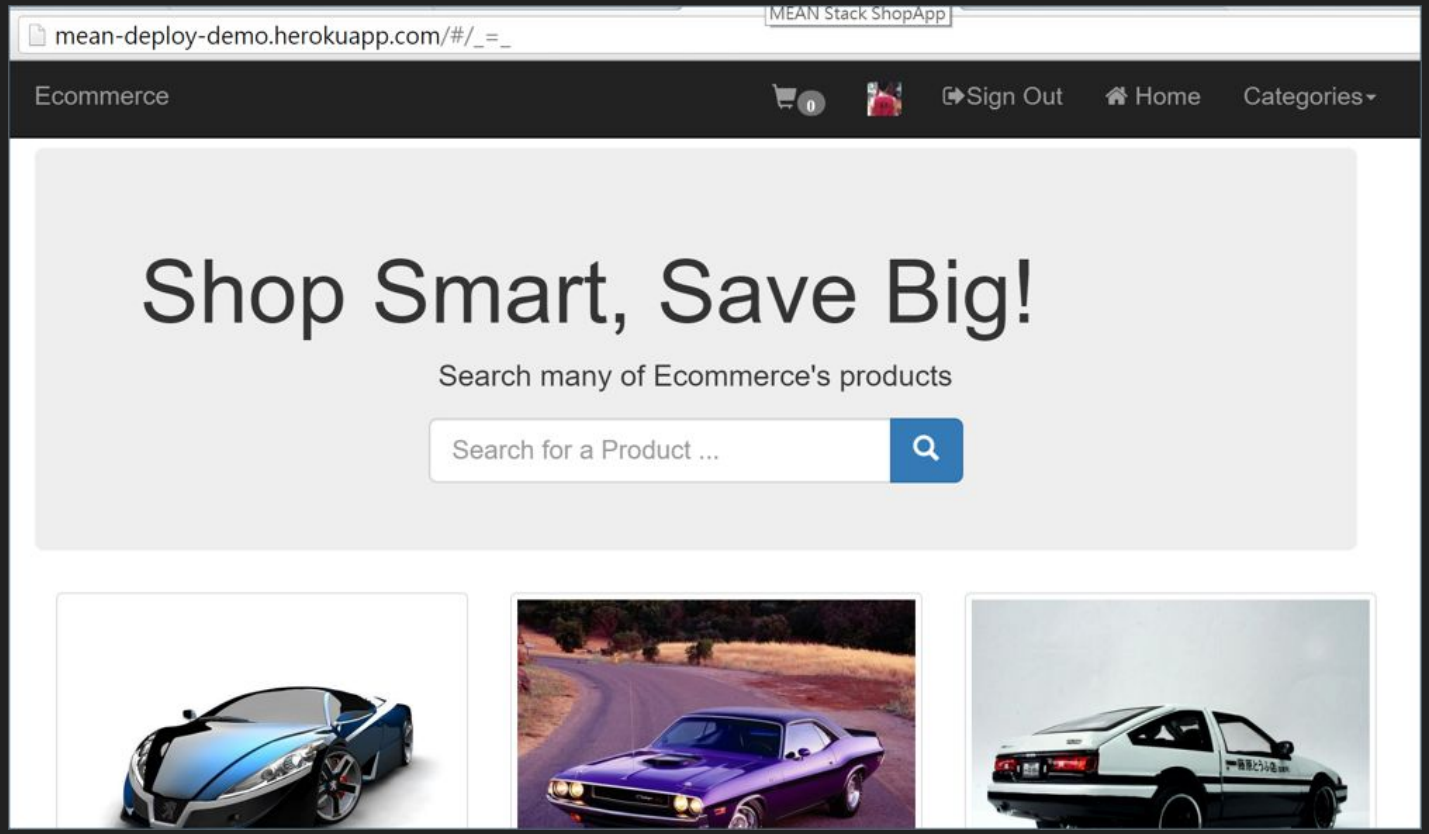


# 設定 key/value

會與程式中的process.env.CLIENTSECRET 去對應

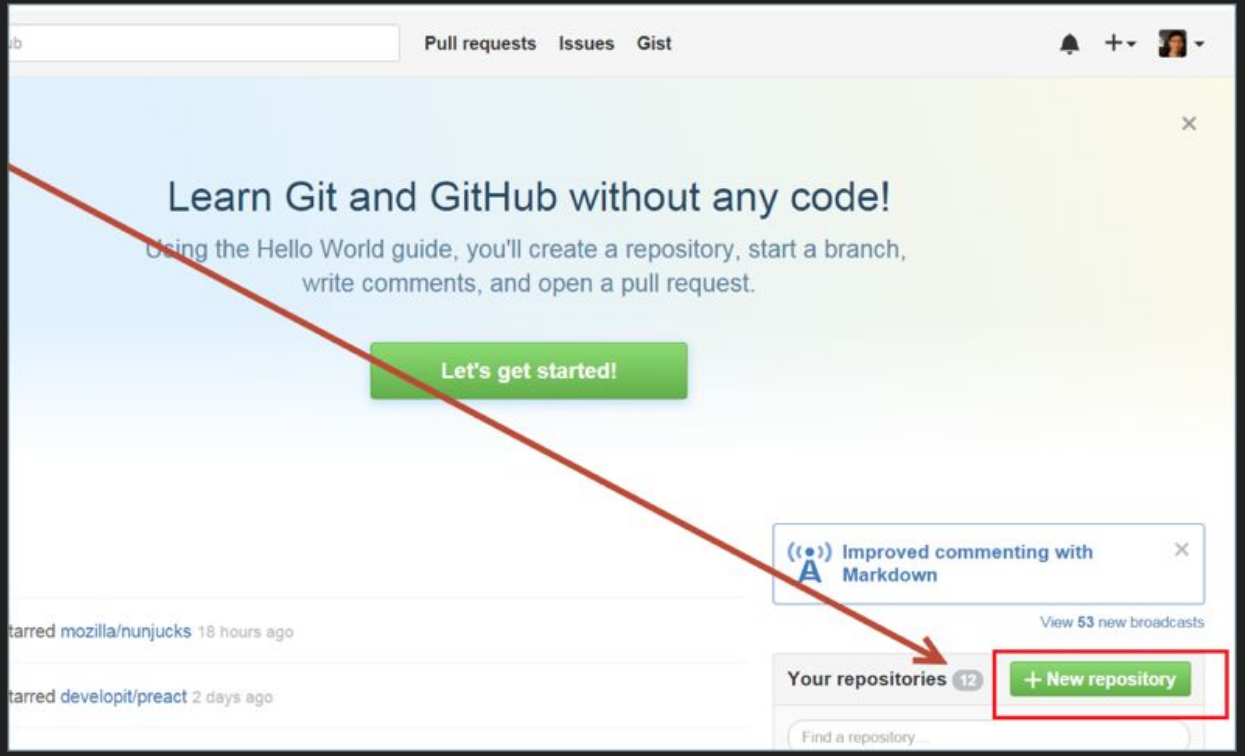
# 若自己的domain可來這邊設定




MEAN Stack ShopApp
mean-deploy-demo.herokuapp.com/#/_=_
Ecommerce
0
Sign Out
Home
Categories
Shop Smart, Save Big!
Search many of Ecommerce's products
Search for a Product ...

# GitHub

# 如果要push到GitHub



# Create a new repository

A repository contains all the files for your project, including the revision history.

Owner / Repository name

kuolun / mean-deploy-demo

Great repository names are short and memorable. Need inspiration? How about ideal-engine

Description (optional)

Public
Anyone can see this repository. You choose who can commit.

Private
You choose who can see and commit to this repository.

Initialize this repository with a README
This will let you immediately clone the repository to your computer. Skip this step if you're importing an e

Add .gitignore: None | Add a license: None

Create repository

## ...or create a new repository on the command line

```
echo "# mean-deploy-demo" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin https://github.com/kuolun/mean-deploy-demo.git
git push -u origin master
```

## ...or push an existing repository from the command line

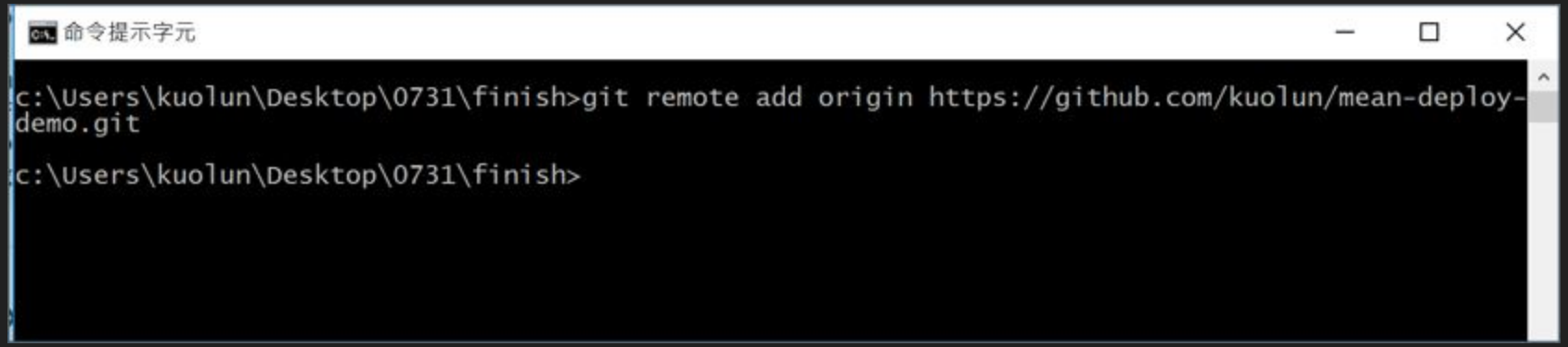
```
git remote add origin https://github.com/kuolun/mean-deploy-demo.git
git push -u origin master
```

## ...or import code from another repository

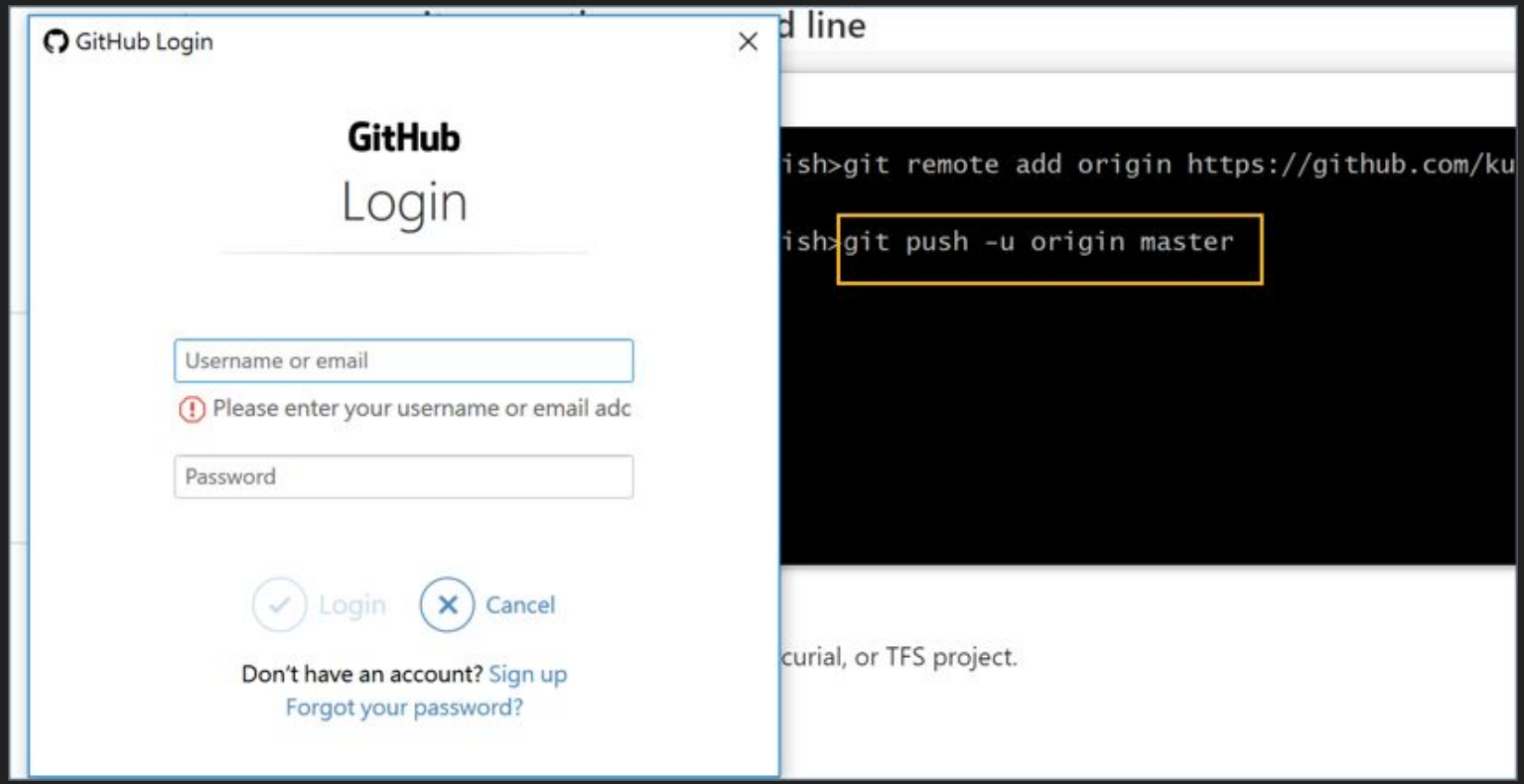
You can initialize this repository with code from a Subversion, Mercurial, or TFS project.

Import code

# 執行第一行 增加一個叫origin 的remote

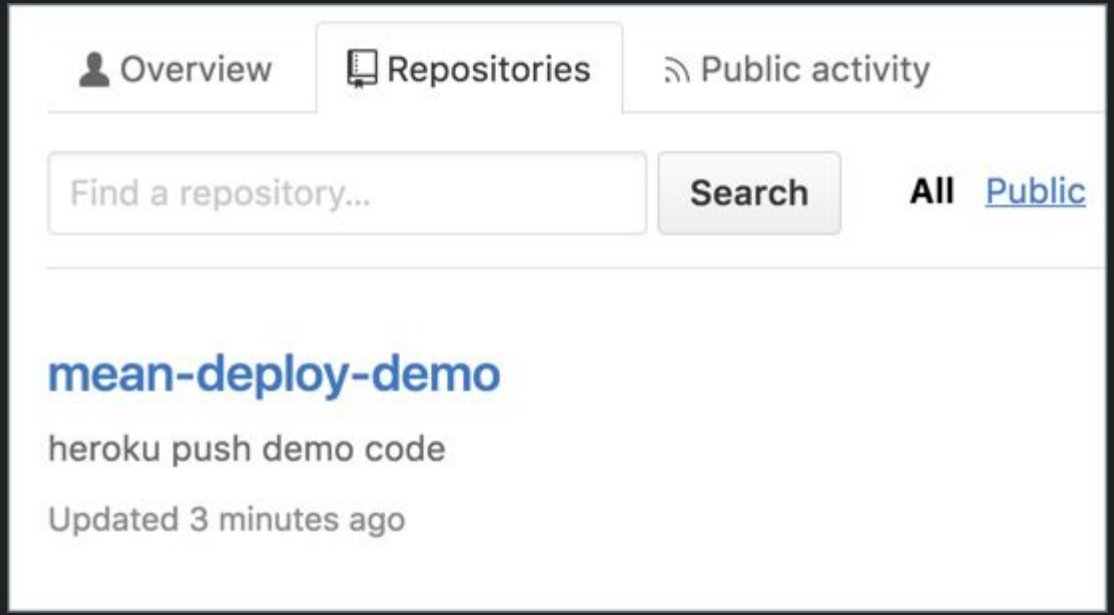


# push 需要輸入Github帳密



```
c:\Users\kuolun\Desktop\0731\finish>git push -u origin master
Counting objects: 49, done.
Delta compression using up to 2 threads.
Compressing objects: 100% (46/46), done.
Writing objects: 100% (49/49), 21.27 KiB | 0 bytes/s, done.
Total 49 (delta 3), reused 0 (delta 0)
remote: Resolving deltas: 100% (3/3), done.
To https://github.com/kuolun/mean-deploy-demo.git
 * [new branch]      master -> master
Branch master set up to track remote branch master from origin.
```

# 到Github check



# Youtube教學頻道

# 教學頻道

https://www.youtube.com/channel/UCKx71HtCO9LkqXwFBwifhiw

之後會陸續放一些

Git / GitHub / Angular2 / Firebase /Javascript / CSS /HTML

或是React  / React Native等等的教學影片

有興趣的人可以訂閱頻道  :)