(Report) linebot-weather

所需模組

import requests

from bs4 import BeautifulSoup

找尋關鍵字

def city\_fun(sentence):

if "高雄" in sentence:

return 'Kaohsiung\_City'

elif "台北" in sentence:

return 'Taipei\_City'

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elif "台中" in sentence:

return 'Taichung\_City'

elif "天氣" in sentence:

return 'Taichung\_City'

從網頁抓取資料並整理

def weather\_fun(message):

city=city\_fun(message)

target\_url = 'https://www.cwb.gov.tw/V7/forecast/taiwan/'+city+'.htm'#資料來源

rs = requests.session()

res = rs.get(target\_url, verify=False)

res.encoding = 'unicode' #防止中文亂碼

soup = BeautifulSoup(res.text,'html.parser')#將網頁轉成text

head = soup.find('table').thead.find\_all('tr')#我需要的內容在table裡

body = soup.find('table').tbody.find\_all('tr')#挖到tr

for row in head :#繼續從tr往下找th

mes=row.find\_all('th')[0].text+"\n"

for row in body : #繼續從tr往下找th,td

time=row.find\_all('th')[0].text

temp=row.find\_all('td')[0].text

com=row.find\_all('td')[2].text

humi=row.find\_all('td')[3].text

status=row.find\_all('td')[1].find('img',alt=True)#所需的訊息在tag’img’裡的alt

mes =mes+ '{}'.format(time)+"\n"\

+'天氣狀態"{}'.format(status["alt"])+'\n'\

+'溫度:{}'.format(temp)+"\n"\

+'舒適度:{}'.format(com)+"\n"\

+'濕度:{}'.format(humi)+"\n\n"

return mes

結果:

 