Anchors計算方法

1. process程式打開並執行
2. 更改current\_dir、 file\_train.write路徑

import glob, os

# Current directory

current\_dir = os.path.dirname(os.path.abspath(\_\_file\_\_))

print(current\_dir)

current\_dir = '/home/g11016003/yolor/data/car\_train81\_total'

# Percentage of images to be used for the test set

percentage\_test = 100;

# Create and/or truncate train.txt and test.txt

file\_train = open('data/car\_train81.txt', 'w')

file\_test = open('data/car\_test81.txt', 'w')

# Populate train.txt and test.txt

counter = 1

index\_test = round(100 / percentage\_test)

for pathAndFilename in glob.iglob(os.path.join(current\_dir, "\*.jpg")):

title, ext = os.path.splitext(os.path.basename(pathAndFilename))

if counter == index\_test:

counter = 1

file\_train.write("/home/g11016003/yolor/data/car\_train81\_total" + "/" + title + '.jpg' + "\n")

else:

file\_test.write("/home/g11016003/yolor/data/car\_train81\_total" + "/" + title + '.jpg' + "\n")

counter = counter + 1

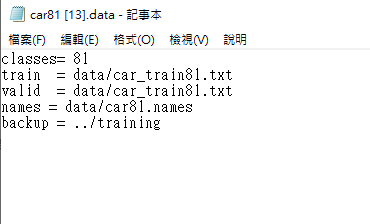
先用下面這一支程式會產生car\_train81.txt和car\_test81.txt

但因為我沒有測試集,所以圖片都放在car\_train81裡面



2.Car\_train81.txt包含所有圖片的路徑(放在Darknet 🡪Data底下)

3.創建car81.data 檔案(放在Darknet 🡪Data底下)



Car81.data裡面的路徑要連結到Car\_train81.txt

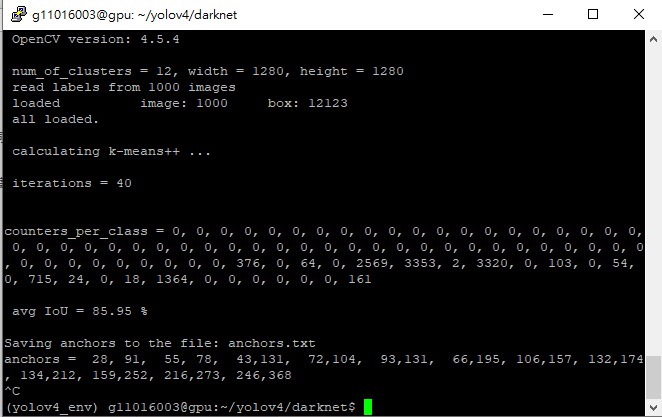
4.創建car81.name(放在Darknet 🡪Data底下)

一張含有 文字 的圖片

自動產生的描述

5.執行以下指令

./darknet detector calc\_anchors data/car81.data -num\_of\_clusters 12 -width 1280 -height 1280



#counters\_per\_class🡪0的話代表那類沒Label(如果太多0會造成IoU下降準確度降低)

跑完Anchors就出現囉!!!