

B站动态转发抽奖工具（野路子/极简版）

功能

1. 获取所有转发列表里的账号
2. 多次转发的用户仅添加一次
3. 随机选取指定数量中奖用户

问题

传闻只能爬取API提供的500条转发信息，这个问题我没有花时间测试，因为我们自己的账号只有300多条转发
T_T

免责

这个工具直接使用/间接参考了以下两个来源：

1. B站up主 鱼丸子Official <https://zhuanlan.zhihu.com/p/136594048>(注意：此版本API接口只提供了我最新60个用户 (https://zhuanlan.zhihu.com/p/136594048(注意：此版本API接口只提供了我最新60个用户))
2. CSDN社区Love、伊卡洛斯 https://github.com/FaddeevPopov/Bilibili_Lottery/blob/master/BiliLottery.py.
(https://github.com/FaddeevPopov/Bilibili_Lottery/blob/master/BiliLottery.py).

日期

2021年10月18日

In [1]:

```
import requests
import json
import random
```

In [2]:

```
def headcount(url):
    """get total number of users reposted"""
    json_response= requests.get(url).json()

    total = json_response["data"]["total_count"]
    print("报！一共有{}名用户转发了此动态".format(total))
    return total
```

In [3]:

```
def get_one_page(url):
    """get a single page of user information(20 per page)
       return: [return code, list of [uid,uname]]
    """
    resList = []

    # print(response.text)
    resJson = requests.get(url).json()

    #Return code, return 0 if reposters exist
    rescode = resJson['code']

    if rescode == 0:
        # get information of the users in one page
        try:
            items = resJson['data']['comments']
            for item in items:
                # get user id and user name
                userInfo = [item['uid'], item['uname']]
                resList.append(userInfo)
        except:
            return [1, []]

    return [rescode, resList]
```

In [4]:

```
def get_all_page(url):
    """get all pages by incrementing offset"""

    total = headcount(url)

    all_uid = []
    offset = 0

    url = url + "&offset="
    while offset <= total:
        next_url = url + str(offset)
        current_page = get_one_page(next_url)
        retCode = current_page[0]

        # make sure no repeated user
        for user in current_page[1]:
            if user not in all_uid:
                all_uid += [user]

        offset += 20

    return all_uid
```

In [5]:

```
#随机方法, 传入UID列表
def get_lucky(uidList):
    listSize = len(uidList)
    luckyNum = random.randint(0, listSize - 1)
    return uidList[luckyNum]
```

In [6]:

```
def draw(postid,num):
    print('地球灯塔的转盘开始动了! \n将抽取十名转发用户💎(= ∪ =💎) ')

    # input('输入动态号')""
    url = 'https://api.live.bilibili.com/dynamic_repost/v1/dynamic_repost/view_repost?dynamic_id=' + postid
    repostList = get_all_page(url)
    print('成功获取转发列表')
    # generateNum = int(input('输入获奖者人数'))

    print('中奖的小伙伴如下')
    lucky_dogs = []
    for i in range(0, num):
        uid_drawn = get_lucky(repostList)
        while uid_drawn in lucky_dogs:
            uid_drawn = get_lucky(repostList)
        lucky_dogs.append(uid_drawn)
    # userPageUrl = 'https://space.bilibili.com/' + str(uidGet[0])
    print("uid: " + str(uid_drawn[0]) + " 用户名: " + uid_drawn[1])
```

In [7]:

```
draw(postid="581767751340329244",num=10)
```

地球灯塔的转盘开始动了!

将抽取十名转发用户💎(= ∪ =💎)

报! 一共有364名用户转发了此动态

成功获取转发列表

中奖的小伙伴如下

uid: 315576030 用户名: 木木林iv

uid: 309464517 用户名: FingerTy

uid: 179129619 用户名: 木宁-Lin

uid: 288173707 用户名: 梨花想做个鸽手

uid: 628587483 用户名: I暴风雪号b

uid: 535918008 用户名: 皇帝的新名ㄣ_ㄣ

uid: 90597882 用户名: 伯爵什么时候开强化本

uid: 155880521 用户名: 我已没有硬币改名

uid: 9526792 用户名: Pangpangtrout

uid: 5684394 用户名: 纵浪大化中