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יש לבצע

pip install --upgrade google-api-python-client

טעינת המידע

|  |  |
| --- | --- |
|  | from apiclient.discovery import build |
|  |  |
|  | def build\_service(filename): |
|  | with open(filename) as f: |
|  | key = f.readline() |
|  |  |
|  | YOUTUBE\_API\_SERVICE\_NAME = "youtube" |
|  | YOUTUBE\_API\_VERSION = "v3" |
|  | return build(YOUTUBE\_API\_SERVICE\_NAME, |
|  | YOUTUBE\_API\_VERSION, |
|  | developerKey=key) |

להוציא את כל התגובות של סרטון

# you only need to build the service once  
service = build\_service('path/to/apikey.json') response = service.commentThreads().list(  
 part='snippet',  
 maxResults=100,  
 textFormat='plainText',  
 order='time',  
 videoId='ioNng23DkIM'  
).execute()

למצות את id video

from urllib.parse import urlparse, parse\_qs

# source:

# https://stackoverflow.com/questions/45579306/get-youtube-video-url-or-youtube-video-id-from-a-string-using-regex

def get\_id(url):

u\_pars = urlparse(url)

quer\_v = parse\_qs(u\_pars.query).get('v')

if quer\_v:

return quer\_v[0]

pth = u\_pars.path.split('/')

if pth:

return pth[-1]

נראה לי זה מה שרצינו גם

תמונה שמכילה טקסט

התיאור נוצר באופן אוטומטי

יצירת הגייסון בהתאם למידע שנרצה

comment = response['items']['snippet']['topLevelComment']['snippet']['textDisplay']

|  |  |
| --- | --- |
|  | for item in response['items']: |
|  | comment = item['snippet']['topLevelComment']['snippet']['textDisplay'] |
|  | comment\_id = item['snippet']['topLevelComment']['id'] |
|  | reply\_count = item['snippet']['totalReplyCount'] |
|  | like\_count = item['snippet']['topLevelComment']['snippet']['likeCount'] |

If you’re interested in additional data points, such as the time at which a comment was updated, you can write something like:

published\_at = item['snippet']['topLevelComment']['snippet']['updatedAt']

The other value of interest for the **commentThreads** resource was the **nextPageToken**. Each time we submit a request, we get **maxResults**number of comments in the **items** list. The maximum number of results we can obtain is limited between 1 and 100. Thus, if a video has more than 100 comments, we’ll need to make an API call several times. The **nextPageToken** helps us start directly on the next page of comments instead of starting from the beginning again. We just need to modify our API call a bit:

response = service.commentThreads().list(  
 part='snippet',  
 maxResults=100,  
 textFormat='plainText',  
 order='time',  
 videoId='ioNng23DkIM',  
 pageToken=response['nextPageToken']  
).execute()

Note that we don’t need a **nextPageToken** for our very first service call. Instead, we use the **nextPageToken** obtained from the current JSON response for our next call to the service object.