Youtube data api, json parsing(python)

# example code

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| # Import list  import requests # HTTP request.  import json # JSON data parsing  # youtube Data API request function.  def request\_youtube(channel\_id):  # Set DEVELOPER\_KEY to the API key value from the APIs & auth > Registered apps  # tab of  # https://cloud.google.com/console  # Please ensure that you have enabled the YouTube Data API for your project.  api\_key = 'API-KEY(replcae)'  # youtube Data API Channels: list endpoint.  URL = 'https://www.googleapis.com/youtube/v3/channels'  # parameters setting.  params = '?key={}&id={}&part=id,snippet,contentDetails,statistics'.format(api\_key, channel\_id)  # url set  search\_url = URL + params  # request youtube Data API response. (JSON)  resp = requests.get(search\_url).text  # parsing JSON Data and return JSON object.  data = json.loads(resp)  return data  # get youtube Data API (channel JSON data.) (parameters : youtube\_channel\_id ex:)https://www.youtube.com/channel/(channel\_id) )  JSON\_data = request\_youtube('UCj0iColXMAjPA92rH-AXVGQ')  # Get items in JSON.  JSON\_Items = JSON\_data.get('items')  # print(JSON\_Items)  # Get sub JSON Object.  snippet = JSON\_Items[0].get('snippet')  contentDetails = JSON\_Items[0].get('contentDetails')  statistics = JSON\_Items[0].get('statistics')  # print(snippet)  # Extracting internal information from youtube channel json data.  youtube\_channel\_title = snippet.get('title')  youtube\_channel\_thumbnails = snippet.get('thumbnails').get('high').get('url')  youtube\_channel\_last\_video = contentDetails.get('relatedPlaylists').get('uploads')  youtube\_channel\_statistics = "viewCount : "+ statistics.get('viewCount') + " subscriber : " + statistics.get('subscriberCount') + " videoCount : "+statistics.get('videoCount')  # print youtube channel information.  print("channel title : {}\nthumbnails : {}\nlast\_uploaded\_video : {}\nchannel\_statistics : {}".format(youtube\_channel\_title,youtube\_channel\_thumbnails,youtube\_channel\_last\_video,youtube\_channel\_statistics)) |

# testing result

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| channel title : 블루 아카이브  thumbnails : https://yt3.ggpht.com/q4At9RFHfqzHA7Y\_0OWFyIpIRnk4\_R0T4kEvIwEGF4RgbAw3Bbb5g2j9j6K2pIiePU\_OJTSbcSk=s800-c-k-c0x00ffffff-no-rj  last\_uploaded\_video : UUj0iColXMAjPA92rH-AXVGQ  channel\_statistics : viewCount : 12112757 subscriber : 115000 videoCount : 60 |