Search use case

In [1]: ▶
```python
#import tweepy
#import the file that has your tokens and access keys
import tweepy
import Credentials
```

In [2]: ▶
```python
#Initialize a client. The client is the object that has the different methods that you can use to connect to this Twit
#and pass it the bearer token

client=tweepy.Client(bearer_token=Credentials.bearer_token)
```

In [3]:

```python
# Search Recent Tweets

# This endpoint/method returns Tweets from the last seven days

response = client.search_recent_tweets("Tweepy")
# The method returns a Response object, a named tuple with data, includes,
# errors, and meta fields
print(response.meta)

# In this case, the data field of the Response returned is a list of Tweet
# objects
tweets = response.data

# Each Tweet object has default ID and text fields
for tweet in tweets:
    print(tweet.id)
    print(tweet.text)

# By default, this endpoint/method returns 10 results
# You can retrieve up to 100 Tweets by specifying max_results
response = client.search_recent_tweets("Tweepy", max_results=30)
```

{'newest_id': '1516829018519220236', 'oldest_id': '1516824488754700292', 'result_count': 10, 'next_token': 'b26v89c19zqg8o3fpytnjwzul1ugr7if7ucswes3ufo8t'}
1516829018519220236
2022-04-20 17:19:53.929292 tweepy
1516828515194351626
2022-04-20 17:17:53.930045 tweepy
1516828011974250498
2022-04-20 17:15:53.929238 tweepy
1516827508657860615
2022-04-20 17:13:53.929288 tweepy
1516827005219651586
2022-04-20 17:11:53.929022 tweepy
1516826501915856906
2022-04-20 17:09:53.929319 tweepy
1516825998679023617
2022-04-20 17:07:53.929023 tweepy
1516825495370969088
2022-04-20 17:05:53.929050 tweepy
1516824992196939779
2022-04-20 17:03:53.929078 tweepy
1516824488754700292
2022-04-20 17:01:53.930931 tweepy

In [5]:

```python
#Searching
#search_recent_tweets will require a query. query is where you specify what you are looking for.
#If you want to search tweets by keyword
#let us say you want the tweets about covid-- query="covid"
#you can have or condition-- query ="covid OR covid19"
#you can specify and condition by using a space between the terms-- query="covid covid19"
#tweets that contain both of covid and covid19
#you can add a parameter is:retweet to get tweets that are retweets
#useful link for queries:

#let us get tweets about covid-- i.e using the keyword covid and that are not retweets
#mean that they original not retweets
#by default you get tweets back if you want more you can add a parameter max_results=30
query="covid -is:retweet"
response=client.search_recent_tweets(query=query, max_results=30)

print(response)
#the response has different things it has data, includes, errors, and meta.  bata y default it gives in the tweetid an
#if I want something additional, I have to go ahead and do something extra
```

Response(data=[<Tweet id=1516839843682295809 text='todo el mundo con covid a principio de esta semana q os pasa'>, <Tweet id=1516839843409838082 text='During her last weekly update, Dr. Deena Hinshaw recommended Albertans mask up in public and take extra steps to protect themselves and others as COVID-19 transmissions rise. https://t.co/U5RvvOfBLS'>, (https://t.co/U5RvvOfBLS'>,) <Tweet id=1516839843384373248 text='The Cleveland Guardians have placed three players on the COVID-19 injured list, including major league batting leader Owen Miller. https://t.co/N7tl4XEXxy'>, (https://t.co/N7tl4XEXxy'>,) <Tweet id=1516839842826625027 text='I get that we are all concerned about him right now but don't automatically go to one of the worst case scenarios. It could be covid. After all he is in this shit hole known as Texas where people are idiots about masks. Also don't demand/ask for an explanation, he owes you none.'>, <Tweet id=1516839841400602634 text="@kyleruggles @artemislynne @JasonSCampbell I thought y'all cared about people who died of covid? Hell, I thought y'all were supposed to care about people, period.">, <Tweet id=1516839840767221760 text='Covid, positivo il segretario di Benedetto XVI. Il Papa emerito e tutti gli altri residenti del Monastero Mater Ecclesiae sono risultati negativi\nhttps://t.co/3zm0LNHygu'>, <Tweet id=1516839840226357255 text='***NON-UNION ONLY SUBMISSIONS***Must be registered with Central Casting!!!!!Must pass COVID test to work. Even if you test negative, you are not confirmed for work unless we send you details confirming shoot day.Hayley is taking submissions for a show that will work on Tuesday A'>, <Tweet id=1516839839295057930 text='@joaquinlife Yeah we should all be afraid of flying on planes w pilots having cognitive effects of long covid, too'>, <Tweet id=1516839838749986817 text='Carol McGiffin and Nicola Sturgeon face off in heated Loose Women exchange over Covid law\xa0blunder https://t.co/kHEkOcuFeH'>, (https://t.co/kHEkOcuFeH'>,) <Tweet id=1516839837344620544 text='@BOTRAINER Ah yes we did - I'm still hoping post #covid (a bad cold) that it has kick started my vaccine battered immune system - as so far no bad AstraZeneca damage symptoms- just slight jab in eye - slight fleeting numbness in left cheek - but not like b4 - I have hope'>, <Tweet id=1516839837076238339 text='Me van a ir a vacunar contra el covid y odio las vacunas * inserta video de Chris teniendo miedo a la vacuna*'>, <Tweet id=1516839837067890688 text="@Luke_Winch @LiteratureNLoFi @TAbdalla absolutely. I don't have any friends irl really, least not any that live near me, and my dream life has come and then gone over covid so book twitter has been a literal live saver">, <Tweet id=1516839836837195777 text="@BOTRAINER Covid is purely a PCR false positive pseudo-epidemic. The only evidence of SARS Cov-2 is from in silico data provided by our trustworthy friends in C

hina. It's prior flu / prior cold. No, masks don't work. Except at stimulating fear.">, <Tweet id=1516839836694376449 text='El Gobierno de Hidalgo abrió la convocatoria para los familiares de personas fallecidas por Covid-19 para que el nombre de esos hidalguenses esté en el Monumento Ecuménico.\nhttps://t.co/gqqolbN728'>, <Tweet id=1516839835591446530 text='🤡 🥴 We saw the "Covid/Putin" narrative months ago… https://t.co/5sn89AlnvI'>, (https://t.co/5sn89AlnvI'>,) <Tweet id=1516839834907811843 text='@POTUS Covid exist in Jan 2021 for over 10 months but the gas price was $2 and change. Putin start his invasion in March 2022 (two months ago) and price was almost 4 dollar. Are you joking ???'>, <Tweet id=1516839833984983042 text='@sheyhunhen @Nala2321 @ImaSpecialBoi @Cardinxl4 @dakotawint @renniecook Infectious diseases change by mutations that happen during infection of additional hosts. Covid, as well as the flu are extremely infectious compared to polio, thus mutating far more often. This is 101-level stuff.'>, <Tweet id=1516839833427222533 text='"We recommend Sweden begins a self-critical process about its political culture and the lack of accountability of decision-makers to avoid future failures, as occurred with the COVID-19 pandemic.\nhttps://t.co/jYPZgHSqaL'>, <Tweet id=1516839831988424704 text='👥🗨 Actualmente se tiene la mayor inversión pública a nivel nacional en programas de combate a la pobreza, afirmó el gobernador @MBarbosaMX, en el foro "Retos en la política de Bienestar y los efectos sociales derivados de la Covid-19" https://t.co/Hc7ciCZ8Xa'>, (https://t.co/Hc7ciCZ8Xa'>,) <Tweet id=1516839830935773188 text="@JuliaRaifman positive for COVID. Outside that circle, the people I know who have had it have been fine, no hospitalization necessary and no long COVID. These are people who commute to work, have children, travel, are vaccinated and only mask when mandated. A lot of people haven't been">, <Tweet id=1516839829044146186 text='@Hip_hop_india12 niggas be writing nigga as nigga but will write covid as co*id'>, <Tweet id=1516839827639087104 text='📌AREQUIPA: Pacientes crónicos ocupan el 90% de camas en área de medicina del hospital Honorio Delgado. Solo hay un paciente COVID moderado que es atendido en el módulo Pronis A.\n\n➡Fuente: Diario Correo\n\n https://t.co/yUpab6XzSS'>, (https://t.co/yUpab6XzSS'>,) <Tweet id=1516839825751650305 text="@LiciaRonzulli .@LiciaRonzulli: 1.648.102 reazioni avverse segnalate all'Eudravigilance 26/ 03/22.\nIl numero di casi individuali identificati da Eudravigilance per il vaccino COVID-19 MRNA MODERNA (CX-024414) è 264,297 (up to 26/03/2022).\n#ViVi #novax .\n\nhttps://t.co/EDZS52p2co">, <Tweet id=1516839822908080128 text="Things to carry after COVID. 8 Things to carry while travelling after covid.\n\nWho doesn't love travelling? Here are things to carry after COVID. Whether it is a solo trip, group trip or special trip. Everyone wants to spend their time travelling But\n\nhttps://t.co/FKMR9yLyGU https://t.co/2gP2xrA64s">, (https://t.co/2gP2xrA64s'>,) <Tweet id=1516839822706495488 text='seré boluda o era el covid? 🙁 https://t.co/Rk8loEvtM4'>, (https://t.co/Rk8loEvtM4'>,) <Tweet id=1516839821058076674 text='@tabitha_mueller "If we don't test, Covid disappears" Trump in 2020. 🤷\u200d♂ My guess is we are 8-10% positivity rate right now'>, <Tweet id=1516839820043161604 text='Our latest project aims to leverage trusted community resource centers to build trust, communication and conversation about the Covid-19 vaccine and other health concerns within the Black, African American, Somali, and refugee populations. Read more at - https://t.co/pb2lcZhYmQ (https://t.co/pb2lcZhYmQ) https://t.co/zaD0AHe6Gr'>, (https://t.co/zaD0AHe6Gr'>,) <Tweet id=1516839817921069056 text='@diy_football @PSSleman Memainkan isu media sosial dengan mengerahkan anak2 th 2000 an dan lulusan jalur covid \nSeakan akan menang dalam opini di media sosial. Oke 👍👍😁'>, <Tweet id=1516839815416799235 text='The bloke behind me today on the 14:20 EUS to Manchester - I think you might have Covid after coughing literally every 10 seconds 🥵'>, <Tweet id=1516839813520846850 text='This is not ok! I have covid now, a little more sick now after 4 days. You can't go back after 5 if you are symptomatic, even if you mask. @ETFOeducators we have more teachers sick with covid now than ever before, it seems. Situation is impossible. Help. #onted #FordFailedOntario https://t.co/7JXxCRPaG7'>], (https://t.co/7JXxCRPaG7'>],) includes={}, errors=[], meta={'newest_id': '1516839843682295809', 'oldest_id': '1516839813520846850', 'result_count': 30, 'next_token': 'b26v89c19zqg8o3fpytnjx05l36j9aoqjfcs1s6zpufst'})

```
In [6]:  #let us get only the tweets ids
         for tweet in response.data:
             print(tweet.id)
```

```
1516839843682295809
1516839843409838082
1516839843384373248
1516839842826625027
1516839841400602634
1516839840767221760
1516839840226357255
1516839839295057930
1516839838749986817
1516839837344620544
1516839837076238339
1516839837067890688
1516839836837195777
1516839836694376449
1516839835591446530
1516839834907811843
1516839833984983042
1516839833427222533
1516839831988424704
1516839830935773188
1516839829044146186
1516839827639087104
1516839825751650305
1516839822908080128
1516839822706495488
1516839821058076674
1516839820043161604
1516839817921069056
1516839815416799235
1516839813520846850
```

```python
In [9]:  #As we saw you get the id and text
         #let us say we want to get what language is this tweet was in.
         # you need to add another parameter which is tweet_fields
         response=client.search_recent_tweets(query=query, max_results=30, tweet_fields=['created_at','lang'])

         #let us get only the tweets and display the specified fields
         for tweet in response.data:
             print(tweet.id)
             print(tweet.lang)
             print(tweet.created_at)
             print("_____")
```

```
1516841651716558854
en
2022-04-20 18:10:05+00:00
_____
1516841648314933249
hi
2022-04-20 18:10:05+00:00
_____
1516841647119732737
en
2022-04-20 18:10:04+00:00
_____
1516841646176243713
en
2022-04-20 18:10:04+00:00
_____
1516841644267610118
en
2022-04-20 18:10:04+00:00
```

```python
In [11]:  #Get user information.
          #for example the profile image url
          #go the documentation there is a section on expansion
          #https://developer.twitter.com/en/docs/twitter-api/expansions
```

To learn about how to write queries

- go to developer.twitter.com
- go search tweets

- https://developer.twitter.com/en/docs/twitter-api/tweets/search/introduction (https://developer.twitter.com/en/docs/twitter-api/tweets/search/introduction)
- there is an integrate section, there is section about building queries
- https://developer.twitter.com/en/docs/twitter-api/tweets/search/integrate/build-a-query (https://developer.twitter.com/en/docs/twitter-api/tweets/search/integrate/build-a-query)

Available expansions in a Tweet payload

Expansion	Description
`author_id`	Returns a user object representing the Tweet's author
`referenced_tweets.id`	Returns a Tweet object that this Tweet is referencing (either as a Retweet, Quoted Tweet, or reply)
`in_reply_to_user_id`	Returns a user object representing the Tweet author this requested Tweet is a reply of
`attachments.media_keys`	Returns a media object representing the images, videos, GIFs included in the Tweet
`attachments.poll_ids`	Returns a poll object containing metadata for the poll included in the Tweet
`geo.place_id`	Returns a place object containing metadata for the location tagged in the Tweet
`entities.mentions.username`	Returns a user object for the user mentioned in the Tweet
`referenced_tweets.id.author_id`	Returns a user object for the author of the referenced Tweet

```
In [ ]:    #let us add this expansion parameter
           #I need user information
           response=client.search_recent_tweets(query=query, max_results=30, tweet_fields=['created_at','lang'],expansions=['auth
           #let us get only the tweets and display the specified fields
           for tweet in response.data:
               print(tweet.id)
               print(tweet.lang)
               print(tweet.created_at)
               print("_____")
```

Another resource for queries

- https://github.com/twitterdev/getting-started-with-the-twitter-api-v2-for-academic-research (https://github.com/twitterdev/getting-started-with-the-twitter-api-v2-for-academic-research)
- Got to module 5
- https://github.com/twitterdev/getting-started-with-the-twitter-api-v2-for-academic-research/blob/main/modules/5-how-to-write-search-queries.md (https://github.com/twitterdev/getting-started-with-the-twitter-api-v2-for-academic-research/blob/main/modules/5-how-to-write-search-queries.md)
- https://github.com/twitterdev/getting-started-with-the-twitter-api-v2-for-academic-research/blob/main/modules/5-how-to-write-search-queries.md#give-me-all-tweets-from-the-twitterdev-account (https://github.com/twitterdev/getting-started-with-the-twitter-api-v2-for-academic-research/blob/main/modules/5-how-to-write-search-queries.md#give-me-all-tweets-from-the-twitterdev-account)

Tweets Fields

```python
# You can specify additional Tweet fields to retrieve using tweet_fields
response = client.search_recent_tweets(
    "Tweepy", tweet_fields=["created_at", "lang"]
)
tweets = response.data

# You can then access those fields as attributes of the Tweet objects
for tweet in tweets:
    print(tweet.id, tweet.lang)

# Alternatively, you can also access fields as keys, like a dictionary
for tweet in tweets:
    print(tweet["id"], tweet["lang"])

# There's also a data attribute/key that provides the entire data dictionary
for tweet in tweets:
    print(tweet.data)
```

```
1516829521927983105 en
1516829018519220236 en
1516828515194351626 en
1516828011974250498 en
1516827508657860615 en
1516827005219651586 en
1516826501915856906 en
1516825998679023617 en
1516825495370969088 en
1516824992196939779 en
1516829521927983105 en
1516829018519220236 en
1516828515194351626 en
1516828011974250498 en
1516827508657860615 en
1516827005219651586 en
1516826501915856906 en
1516825998679023617 en
1516825495370969088 en
1516824992196939779 en
{'created_at': '2022-04-20T17:21:54.000Z', 'text': '2022-04-20 17:21:53.931327 tweepy', 'id': '1516829521927983105',
 'lang': 'en'}
{'created_at': '2022-04-20T17:19:53.000Z', 'text': '2022-04-20 17:19:53.929292 tweepy', 'id': '1516829018519220236',
 'lang': 'en'}
{'created_at': '2022-04-20T17:17:53.000Z', 'text': '2022-04-20 17:17:53.930045 tweepy', 'id': '1516828515194351626',
 'lang': 'en'}
{'created_at': '2022-04-20T17:15:54.000Z', 'text': '2022-04-20 17:15:53.929238 tweepy', 'id': '1516828011974250498',
```

'lang': 'en'}
{'created_at': '2022-04-20T17:13:54.000Z', 'text': '2022-04-20 17:13:53.929288 tweepy', 'id': '1516827508657860615',
'lang': 'en'}
{'created_at': '2022-04-20T17:11:53.000Z', 'text': '2022-04-20 17:11:53.929022 tweepy', 'id': '1516827005219651586',
'lang': 'en'}
{'created_at': '2022-04-20T17:09:53.000Z', 'text': '2022-04-20 17:09:53.929319 tweepy', 'id': '1516826501915856906',
'lang': 'en'}
{'created_at': '2022-04-20T17:07:54.000Z', 'text': '2022-04-20 17:07:53.929023 tweepy', 'id': '1516825998679023617',
'lang': 'en'}
{'created_at': '2022-04-20T17:05:54.000Z', 'text': '2022-04-20 17:05:53.929050 tweepy', 'id': '1516825495370969088',
'lang': 'en'}
{'created_at': '2022-04-20T17:03:54.000Z', 'text': '2022-04-20 17:03:53.929078 tweepy', 'id': '1516824992196939779',
'lang': 'en'}

```python
# Get User's Tweets

# This endpoint/method returns Tweets composed by a single user, specified by
# the requested user ID

user_id = 2244994945

response = client.get_users_tweets(user_id)

# By default, only the ID and text fields of each Tweet will be returned
for tweet in response.data:
    print(tweet.id)
    print(tweet.text)

# By default, the 10 most recent Tweets will be returned
# You can retrieve up to 100 Tweets by specifying max_results
response = client.get_users_tweets(user_id, max_results=30)
```

```
1514273313039675392
Are you interested in learning how this innovative index leverages $cashtag Tweets to reflect how the world's larg
est focus group is talking about publicly traded companies?

https://t.co/uiPisid4HY (https://t.co/uiPisid4HY)
1514273129329139712
In Q1, the S&amp;P 500 Twitter Sentiment Select Equal Weight Index outperformed its benchmark by 173 bps

The S&amp;P 500 Equal Weight Index declined by 2.72%, while the S&amp;P 500 Twitter Sentiment Select Equal Weight
 Index declined by 0.99% https://t.co/gXdIm4qWHj (https://t.co/gXdIm4qWHj)
1514272950219804673
In Q1, the S&amp;P 500 Twitter Sentiment Index outperformed its benchmark by 72 bps

The S&amp;P 500 Index declined by 4.60%, while the S&amp;P 500 Twitter Sentiment Index declined by 3.88% https://
t.co/BJQ1LKa3OV (https://t.co/BJQ1LKa3OV)
1514272830610759680
In Q1, volatility returned to the stock market, but #YourVoiceYourIndex was heard loud and clear.

We'd like to share some updates on the vibrant $cashtag conversation on Twitter, and how your Tweets helped S&amp;
P Dow Jones power two stock market indices👇
1514272664373760002
Last year, Twitter partnered with S&amp;P Dow Jones Indices, to launch a series of indices that tracks the most po
sitively-talked about companies in the S&amp;P 500 Index.

https://t.co/vdrOXLvCTY (https://t.co/vdrOXLvCTY)
```

1513562834243784705

🔔 Are you interested in using the Twitter API to teach in your course? Join us tomorrow April 12th at 10 am PT to learn how educators teach with the Twitter API and how you can incorporate it in your course! 📚1️⃣ https://t.co/7B9Iy2ENEC (https://t.co/7B9Iy2ENEC)

1512165222001246208

Surface Crypto insights from Twitter data, quickly & easily, with the Twitter API toolkit for Google Cloud: Filtered Stream - a toolkit for real-time ingesting, processing, & analyzing large volumes of Tweets that can be configured in under 60 mins ⬇️
https://t.co/YzrWrB4Xa5 (https://t.co/YzrWrB4Xa5)

1511757922354663425

Looking to try out the Twitter API v2 but don't have a developer account yet? Check out the new Twitter API Playground. This new tool delivers real, live data from the Twitter API for anyone curious about our platform.

Learn more ⬇️
https://t.co/p0N21UAKZG (https://t.co/p0N21UAKZG)

1509259456525193221

📣 Learn how you can get historical Twitter data for research using our new Downloader tool without writing any code.

Join us tomorrow at 2pm PT on ➡️ https://t.co/GrtBOXh5Y1 (https://t.co/GrtBOXh5Y1) https://t.co/uXOgMNLMry (https://t.co/uXOgMNLMry)

1508565972147326977

Join @andypiper and team this Wednesday for the last installment of our developer Spaces series on custom Tweet card formats.

https://t.co/WqsF8hEBSs (https://t.co/WqsF8hEBSs)

Expansions

```python
# You can specify expansions to retrieve additional objects that relate to the
# returned results
response = client.search_recent_tweets(
    "Tweepy", expansions=["attachments.media_keys", "author_id"]
)
tweets = response.data

# You can then access those objects in the includes Response field
includes = response.includes
users = includes["users"]

# The IDs that represent the expanded objects are included directly in the
# returned data objects
for tweet in tweets:
    print(tweet.author_id)

# An efficient way of matching expanded objects to each data object is to
# create a dictionary of each type of expanded object, with IDs as keys
users = {user["id"]: user for user in users}
for tweet in tweets:
    print(tweet.id, users[tweet.author_id].username)
```

```
1352604672029155328
1352604672029155328
1352604672029155328
1352604672029155328
1352604672029155328
1352604672029155328
896813776766459904
1352604672029155328
1352604672029155328
1352604672029155328
1516856700929822726 qwbtwi
1516856197617532939 qwbtwi
1516855694363869186 qwbtwi
1516855190946729989 qwbtwi
1516854687726718976 qwbtwi
1516854184343216128 qwbtwi
1516854120711348229 Dayman265
1516853681018261517 qwbtwi
1516853177768947714 qwbtwi
1516852674477629446 qwbtwi
```

```python
# Get User's Liked Tweets

# This endpoint/method allows you to get information about a user's liked
# Tweets

user_id = 2244994945

# By default, only the ID and text fields of each Tweet will be returned
# Additional fields can be retrieved using the tweet_fields parameter
response = client.get_liked_tweets(user_id, tweet_fields=["created_at"])

for tweet in response.data:
    print(tweet.id, tweet.created_at)
```

```
1511322655609303043 2022-04-05 12:39:34+00:00
1484256734160039938 2022-01-20 20:09:16+00:00
1473711575437557762 2021-12-22 17:46:34+00:00
1469678684806148100 2021-12-11 14:41:18+00:00
1460668944855883779 2021-11-16 17:59:49+00:00
1455235646654750728 2021-11-01 18:09:49+00:00
1441064115766583296 2021-09-23 15:37:13+00:00
1441064397988765697 2021-09-23 15:38:20+00:00
1441071431794712581 2021-09-23 16:06:17+00:00
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```
In [6]: ▶| # Get User's Followers

        # This endpoint/method returns a list of users who are followers of the
        # specified user ID

        user_id = 2244994945

        # By default, only the ID, name, and username fields of each user will be
        # returned
        # Additional fields can be retrieved using the user_fields parameter
        response = client.get_users_followers(
            user_id, user_fields=["profile_image_url"]
        )

        for user in response.data:
            print(user.username, user.profile_image_url)

        # By default, this endpoint/method returns 100 results
        # You can retrieve up to 1000 users by specifying max_results
        response = client.get_users_followers(user_id, max_results=1000)
```

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```
In [7]:  # Get Tweet's Liking Users

         # This endpoint/method allows you to get information about a Tweet's liking
         # users

         tweet_id = 1460323737035677698

         # By default, only the ID, name, and username fields of each user will be
         # returned
         # Additional fields can be retrieved using the user_fields parameter
         response = client.get_liking_users(tweet_id, user_fields=["profile_image_url"])

         for user in response.data:
             print(user.username, user.profile_image_url)
```

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m/profile_images/1261773002234105856/X93KyZfj_normal.jpg)
ElizabethXEva16 https://pbs.twimg.com/profile_images/1239062893091606528/1Pw7Bjex_normal.jpg (https://pbs.twimg.co
m/profile_images/1239062893091606528/1Pw7Bjex_normal.jpg)
```

In [8]:
```python
# Get Users

# This endpoint/method returns a variety of information about one or more users
# specified by the requested IDs or usernames

user_ids = [2244994945, 6253282]

# By default, only the ID, name, and username fields of each user will be
# returned
# Additional fields can be retrieved using the user_fields parameter
response = client.get_users(ids=user_ids, user_fields=["profile_image_url"])

for user in response.data:
    print(user.username, user.profile_image_url)
```

```
TwitterDev https://pbs.twimg.com/profile_images/1445764922474827784/W2zEPN7U_normal.jpg (https://pbs.twimg.com/profil
e_images/1445764922474827784/W2zEPN7U_normal.jpg)
TwitterAPI https://pbs.twimg.com/profile_images/1445765299974795279/ExVMkDHG_normal.jpg (https://pbs.twimg.com/profil
e_images/1445765299974795279/ExVMkDHG_normal.jpg)
```

In [ ]: