

Activation d'un compte développeur Twitter et création d'une application

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Pour pouvoir utiliser l'API Tweepy et récupérer des données sur Twitter, vous devez :

1. disposer d'un compte Twitter (si ce n'est pas le cas, créez-en un);
2. valider un "profil développeur" dans l'interface <http://apps.twitter.com>
3. créer une "Application" dans l'interface <http://apps.twitter.com>

Ce tutoriel vous aide sur les étapes 2. et 3.

1 Le "profil développeur"

Dans un premier temps, lorsque vous vous connectez avec votre compte Twitter et que vous vous rendez à l'URL : <http://apps.twitter.com>, vous devez voir un bandeau tel que celui-ci :

Twitter Apps

As of July 2018, you must [apply for a Twitter developer account](#) and be approved before you may create new apps. Once approved, you will be able to create new apps from [developer.twitter.com](#).

For the near future, you can continue to manage existing apps here on [apps.twitter.com](#). However, we will soon retire this site and consolidate all developer tools, API access, and app management within the developer portal at [developer.twitter.com](#). You will be able to access and manage existing apps through that portal when we retire this site.

[Apply for a developer account](#)

Si vous cliquez sur le bouton "Apply for developer account", vous arrivez ensuite sur une page du type :

STATUS: IN PROGRESS

✔ User profile

Account details

Use case details

Terms of service

Email verification


Interested in a developer account?

Some of our premium APIs are currently in Beta. By applying, you agree to receive emails from our team requesting feedback on your experience.

Select a user profile to associate

By default, this @username will be the admin of this developer account. If you are creating a developer account on behalf of your organization, you may wish to use your organization's @username as it is most likely to own the Apps you will use to access the API endpoints or warrant special permissions. You'll be able to invite teammates and re-assign roles later within your developer account settings.

Associate your current Twitter @username



Romain Tavenard
@rtavenar

The phone number associated with this Twitter @username is not verified. You must add a valid phone number and verify it prior to applying for developer access.

Add a valid phone number

[Sign in as a different Twitter @username](#)
[Create new Twitter @username](#)

Si, comme c'est le cas ici, vous n'avez pas spécifié de numéro de téléphone lors de la création de votre compte Twitter, il vous est demandé d'en renseigner un pour poursuivre (celui-ci pourra ensuite être supprimé de vos informations personnelles via l'interface de gestion de votre compte Twitter) :

Verify phone number

✕

This phone number will also be associated to your Twitter account.
We will text a verification code to this number. Standard SMS fees may apply.

Country/region (required)

Select a country/region

Phone number (required)

+

Cancel

Next

Une fois votre numéro de téléphone et le code de validation saisis, vous arrivez sur une page vous demandant un certain nombre d'informations. Vous pouvez la remplir comme suit (typiquement en utilisant votre nom d'utilisateur à la place de `rtavenar`) :

STATUS: IN PROGRESS

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Why the questions?

We empower freedom of expression by providing a platform that protects the voices of our users — both on Twitter, and via our developer products. To help verify that all uses of Twitter data comply with our policies, we require additional information from developers signing up to use this service. Providing thorough answers will help us understand your use cases and will help expedite the evaluation of your application. Learn more about our [restricted use cases](#).

Add your account details

Who are you requesting access for?

I am requesting access for my organization

I plan to use Twitter's developer platform for projects owned by / in affiliation with a business, organization or institution. Ex: SaaS product, proof of concept, academic research, etc. To enable collaboration, this selection includes additional tools to support team development.

I am requesting access for my own personal use

I plan to use Twitter's developer platform for projects unaffiliated with an existing business, organization or institution. Ex: Side project, hobby, etc. Personal use accounts do not include team development tools.

Tell us about yourself

Account name

e.g., username, project name, etc.

Primary country of operation

France

Continue

Si vous validez, vous tombez sur une autre page vous demandant des renseignements, que nous vous recommandons de remplir comme suit :

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User profile

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Why the questions?

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Tell us about your project

What use case(s) are you interested in?

Select all that apply

Academic research

Advertising

Audience analysis

Chatbots and automation

Consumer / end-user experience

Engagement and customer service

Publish and curate Tweets

Student project / Learning to code

Topic analysis

Trend and event detection

Other

Describe in your own words what you are building

Please describe what you would like to build with Twitter's APIs. Be sure to give detailed answers to the following questions. If the question does not apply to your solution, please explicitly state that. The more detailed the response, the easier it is to review and approve.

- What is the core use case, intent, or purpose for your use of Twitter's APIs?
- Do you intend to analyze Tweets, Twitter users, or their content? If so, share details about the analyses you plan to conduct and the methods or techniques you plan to use.
- Does your use case involve Tweeting, Retweeting, or liking content? If so, share how you will interact with Twitter users or their content.
- How will Twitter data be displayed to users of your solution? If you plan

to display Twitter content off of Twitter, explain how and where Tweets and Twitter content will be displayed to users of your product or service. Will individual Tweets and Twitter content be displayed, or will information about Tweets or Twitter content be displayed in aggregate?

To expedite your access approval, please be detailed...

Minimum characters: **300**

Will your product, service, or analysis make Twitter content or derived information available to a government entity?

In general, schools, colleges, or universities do not fall under this category.

☒ No

☐ Yes

[Continue](#)

Concernant le texte de 300 caractères que vous devez renseigner, nous vous proposons ce texte :

1. I will use Tweeter API jointly with the tweepy Python module in a course at the bachelor
2. I have no plan to analyze tweets in any way, I will just play with the tweepy module to u
3. I will not tweet, retweet or like content except for demo purposes.
4. There is no end-user solution planned so point number 4. is irrelevant for my use.

Vous arrivez alors sur la page de validation des termes de service, que vous prendrez soin de lire. En voici un extrait :

STATUS: IN PROGRESS

- ☐ User profile
- ☐ Account details
- ☐ Use case details
- ☒ **Terms of service**
- ☐ Email verification

Read and agree to the Terms of Service

Scroll through to accept

Developer Agreement

Effective: May 25, 2018.

This Twitter Developer Agreement ("Agreement") is made between you (either an individual or an entity, referred to herein as "you") and Twitter, Inc. and Twitter International Company (collectively, "Twitter") and governs your access to and use of the Licensed Material (as defined below). Your use of Twitter's websites, SMS, APIs, email notifications, applications, buttons, embeds, ads, and our other covered services is governed by our general Terms of Service and Privacy Policy.

PLEASE READ THE TERMS AND CONDITIONS OF THIS AGREEMENT CAREFULLY, INCLUDING WITHOUT LIMITATION ANY LINKED TERMS AND CONDITIONS APPEARING OR REFERENCED BELOW, WHICH ARE HEREBY MADE PART OF THIS LICENSE AGREEMENT. BY USING THE LICENSED MATERIAL, YOU ARE AGREEING THAT YOU HAVE READ, AND THAT YOU AGREE TO COMPLY WITH AND TO BE BOUND BY THE TERMS AND CONDITIONS OF THIS AGREEMENT AND ALL APPLICABLE LAWS AND REGULATIONS IN THEIR ENTIRETY WITHOUT LIMITATION OR QUALIFICATION. IF YOU DO NOT AGREE TO BE BOUND BY THIS AGREEMENT, THEN YOU MAY NOT ACCESS OR OTHERWISE USE THE LICENSED MATERIAL. THIS AGREEMENT IS EFFECTIVE AS OF THE FIRST DATE THAT YOU USE THE LICENSED MATERIAL ("EFFECTIVE DATE").

IF YOU ARE AN INDIVIDUAL REPRESENTING AN ENTITY, YOU ACKNOWLEDGE THAT YOU HAVE THE APPROPRIATE AUTHORITY TO ACCEPT THIS AGREEMENT ON BEHALF OF SUCH ENTITY. YOU MAY NOT USE THE LICENSED MATERIAL AND MAY NOT ACCEPT THIS AGREEMENT IF YOU ARE NOT OF LEGAL AGE TO FORM A BINDING CONTRACT WITH TWITTER, OR YOU ARE BARRED FROM USING OR RECEIVING THE LICENSED MATERIAL UNDER APPLICABLE LAW.

I. Twitter API and Twitter Content

A. Definitions

1. **Twitter Content** - Tweets, Tweet IDs, Twitter end user profile information, Periscope Broadcasts, Broadcast IDs and any other data and information made available to you through the Twitter API or by any other means authorized by Twitter, and any copies and derivative works thereof.
2. **Broadcast ID** - A unique identification number generated for each Periscope Broadcast.
3. **Developer Site** - Twitter's developer site located at <https://developer.twitter.com>.
4. **End Users** - Users of your Services.
5. **Licensed Material** - A collective term for the Twitter API and Twitter Content.
6. **Periscope Broadcast** - A live or on-demand video stream that is publicly displayed on Twitter Services and is generated by a user via Twitter's Periscope Producer feature (as set forth at <https://help.periscope.tv/customer/en/portal/articles/2900293>).
7. **Services** - Your websites, applications and other offerings that display Twitter Content or otherwise use the Licensed Material as approved by Twitter through any onboarding process.
8. **Tweet ID** - A unique identification number generated for each Tweet.
9. **Tweet** - a short-form text and/or multimedia-based posting made on Twitter Services.

4

Si vous cliquez finalement sur “Submit Application”, vous touchez au but. Vous devrez peut-être valider votre adresse e-mail et vous arriverez alors sur cette page :

En cliquant sur “Create an App”, vous arrivez au point 3. listé dans l’introduction de ce document.

2 Créer une Application

Vous devez alors arriver sur une interface du type :

Understanding apps

What is an app?

Why register an app?

Which products require an API key?

App details

The following app details will be visible to app users and are required to generate the API keys needed to authenticate Twitter developer products.

App name (required)

Licence 2 Python

Maximum characters: 32

Application description (required)

Share a description of your app. This description will be visible to users so this is a good place to tell them what your app does.

App for a bachelor course.

Between 10 and 200 characters

Website URL (required)

https://www.univ-rennes2.fr

Allow this application to be used to sign in with Twitter

[Learn more](#)

☐ Enable Sign in with Twitter

Callback URLs

OAuth 1.0a applications should specify their oauth_callback URL on the request token step, which must match the URLs provided here. To restrict your application from using callbacks, leave these blank.

https:// or scheme://

+ Add another

Terms of Service URL

https://

Privacy policy URL

https://

Organization name

Organization website URL

https://

Tell us how this app will be used (required)

This field is only visible to Twitter employees. Help us understand how your app will be used. What will it enable you and your customers to do?

This app is just a way for me to learn Python in the context of a bachelor level course. I will use the `twespy` module (Python) to access the data.

Cancel Create

Le texte rempli en bas est le suivant :

Appuyez ensuite deux fois de suite sur “Create” et vous arrivez sur une interface du type :


App details

Keys and tokens

Permissions

App details

Details and URLs

 **App icon**

App icon is default, click edit to upload.

App Name

Licence 2 Python

Description

App for a bachelor course.

Website URL

<https://www.univ-rennes2.fr>

Sign in with Twitter

Disabled

Edit

Apps / Licence 2 Python

App details

Keys and tokens

Permissions

Keys and tokens

Keys, secret keys and access tokens management.

Consumer API keys

:EPI (API key)

:FEUmSEHUgzqdlRGDx8lswcO0ynOLF (API secret key)

Regenerate

Access token & access token secret

None

Create

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