

# Activation d'un compte développeur Twitter + Création d'une application

**Achraf Lassoued**

University Paris II

achraflassoued985@gmail.com

## Abstract

. Pour pouvoir utiliser les programmes qui se trouvent dans le serveur google colab et récupérer des données Twitter, il faut :

- Un compte Twitter si ce n'est pas le cas, créez-en un ,
- Validez le compte développeur via le lien suivant <http://apps.twitter.com>,
- Créer votre application via le lien suivant <http://apps.twitter.com>.

## 1. Compte développeur

Tout d'abord, quand vous vous connectez via Twitter et que vous cliquez sur le lien : <http://apps.twitter.com>, vous allez voir le message suivant :

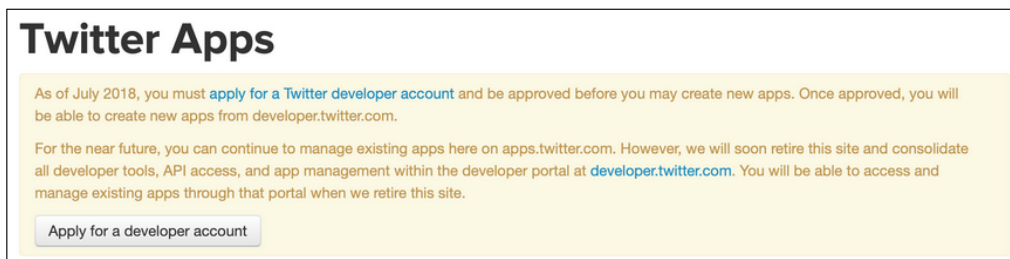


Figure 1: fig-1

Maintenant, quand vous appuyez sur le bouton "Apply for developer account", vous allez voir la page ci-dessous :

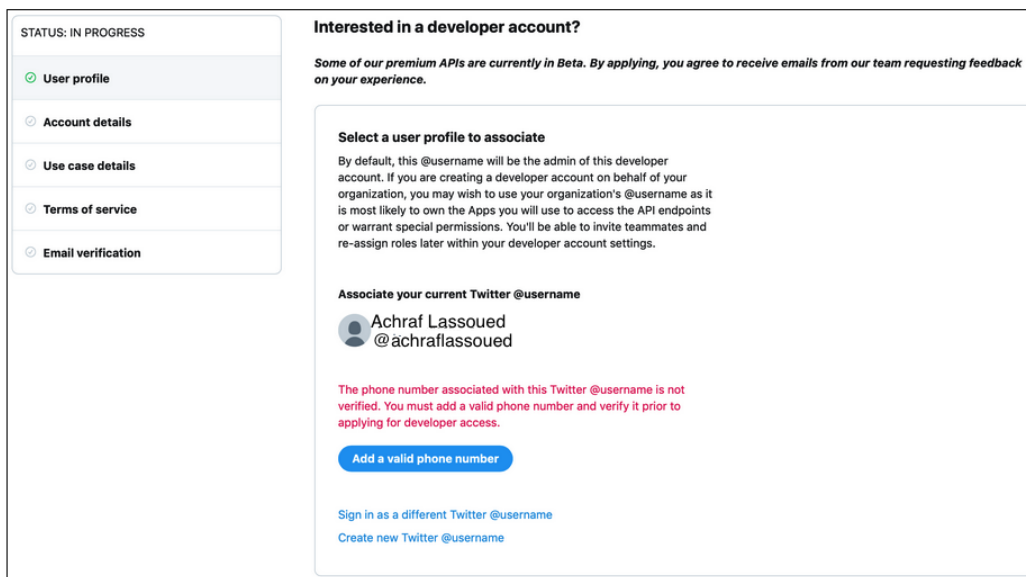


Figure 2: fig-2

Si vous n'avez pas spécifié votre numéro de téléphone lors de la création de votre compte twitter, il vous est demandé d'en renseigner un pour continuer :

**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

Figure 3: fig-3

Une fois vous avez validé votre numéro et le code de vérification, ensuite vous aurez une page pour compléter un certain nombre d'informations. Ci-dessous un exemple :

STATUS: IN PROGRESS

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

**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

Figure 4: fig-4

Ensuite vous tombez sur la page suivante, que vous remplissez comme suit :

STATUS: IN PROGRESS

- User profile
- Account details
- Use case details
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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.](#)

### 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.

1. What is the core use case, intent, or purpose for your use of Twitter's APIs?
2. 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.
3. Does your use case involve Tweeting, Retweeting, or liking content? If so, share how you will interact with Twitter users or their content.
4. 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](#)

Figure 5: fig-5

Pour le texte de 300 caractère on propose ce texte : I will use Tweeter API jointly with the tweepy Python module in a course at the Master level. The goal is to learn how to use APIs in Python programs.

Enfin la page de validation, en cochant la case "By clicking on the box ...." :

**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**

- 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.
- Broadcast ID** - A unique identification number generated for each Periscope Broadcast.
- Developer Site** - Twitter's developer site located at <https://developer.twitter.com>.
- End Users** - Users of your Services.
- Licensed Material** - A collective term for the Twitter API and Twitter Content.
- 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/2600293>).
- 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.
- Tweet ID** - A unique identification number generated for each Tweet.
- Tweet** - A short-form text and/or multimedia-based posting made on Twitter Services.

- You must provide a reasonable user-agent, as described in the Periscope Producer technical documentation, for your Service when accessing the Periscope API.
- If you expect the number of broadcasts created by your hardware will exceed (10 million) daily broadcasts, you must [contact us](#) about your Twitter API access, as you may be subject to additional terms.
- You must honor user requests to log out of their Periscope account on your Service.
- You may not provide tools in your service to allow users to circumvent technological protection measures.

**G. Definitions**

- Twitter Content** - Tweets, Tweet IDs, Direct Messages, Direct Message IDs, Twitter end user profile information, User IDs, Periscope Broadcasts, Periscope 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.
- Developer Site** - Twitter's developer site located at <https://developer.twitter.com>.
- Periscope Broadcast** - A user generated live video stream that is available live or on-demand, that is publicly displayed on Twitter Services.
- Broadcast ID** - A unique identification number generated for each Periscope Broadcast.
- Tweet** - A short-form text and/or multimedia-based posting made on Twitter Services.
- Tweet ID** - A unique identification number generated for each Tweet.
- Direct Message** - A text and/or multimedia-based posting that is privately sent on the Twitter Service by one end user to one or more specific end user(s).
- Direct Message ID** - A unique identification number generated for each Direct Message.
- Twitter API** - The Twitter Application Programming Interface ("API"), Software Development Kit ("SDK") and/or the related documentation, data, code, and other materials provided by Twitter, as updated from time to time, including without limitation through the Developer Site.
- Twitter Marks** - The Twitter name, or logos that Twitter makes available to you, including via the Developer Site.
- Service** - Your websites, applications, hardware and other offerings that display or otherwise use Twitter Content.
- User ID** - Unique identification numbers generated for each User that do not contain any personally identifiable information such as Twitter usernames or users' names.

By clicking on the box, You indicate that you have read and agree to this Developer Agreement and the Twitter Developer Policy, additionally as it relates to your display of any of the Content, the [Display Requirements](#); as it relates to your use and display of the Twitter Marks, the [Twitter Brand Assets and Guidelines](#); and as it relates to taking automated actions on your account, the [Automation Rules](#). These documents are available in hardcopy upon request to Twitter.

Subscribe to our email list for product updates, developer news, and marketing communications.

[Submit application](#)

Figure 6: fig-6

puis vous cliquez sur "submit Application" vous arrivez a la page suivante :

**Get started**

- Create an app**

To use an API, we require you create an app as part of our OAuth authorization scheme. Visit the [Apps](#) page of this developer portal to create one. Then, return to this page to complete the next step.
- Set up a dev environment**

To begin using the new Premium APIs, you need to [set up one or more dev environments](#) for the endpoint — and connect it to an app. Dev environments can be used to isolate usage, rules, rate limits, and more. If you are planning to use our standard APIs, you can skip this step.

Figure 7: fig-7

## 2. Création d'application

Pour cette étape vous arrivez sur la page ci-dessous :

Apps / Create an app

**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)**

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 Master cours.

Between 10 and 200 characters

**Website URL (required)**

**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.

[+Add another](#)

**Terms of Service URL**

**Privacy policy URL**

**Organization name**

**Organization website URL**

**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 a way for me to learn python in the context of master level course.

Figure 8:

Il faut appuyer sur "Create" et vous arrivez a la page ci-dessous :

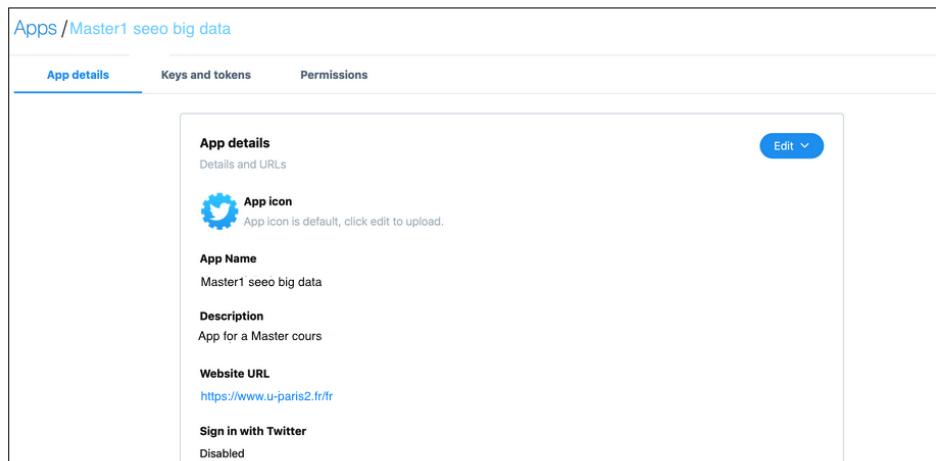


Figure 9:

Appuyez sur l'onglet "keys and tokens" et vous obtenez la page suivante :

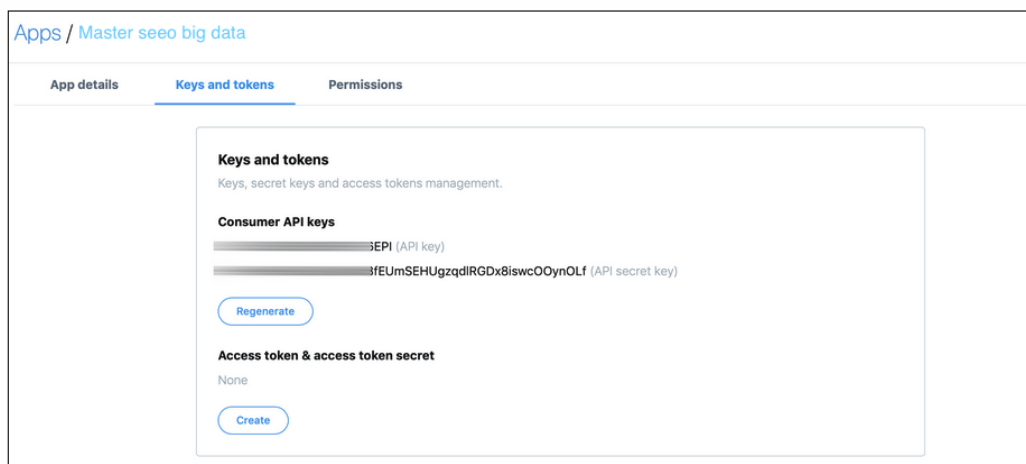


Figure 10:

Maintenant, il faut juste cliquer sur "Create" dans l'onglet "Access token et access token secret", puis tous vos identifiants seront prêts pour utilisation.

### **3. Bibliographical References**