

Step-by-step guide to making your first request to the new Twitter API v2

Relevant Endpoints

[Recent search v2](#)

Introduction

In this article, I will show you how you can get started quickly with the new Twitter API v2. The new API provides exciting new features such as:

- Improvements to the [response objects](#)
- Support for getting Twitter [polls data](#) in the API
- [Tweet annotations](#) (that provide contextual information about a Tweet and named entities in a Tweet)
- Support for retrieving entire conversation thread using [conversation id](#) parameter with the search Tweets and filtered stream endpoints

Step 1: Sign up for access

In order to get started with the new Twitter API, you need a developer account. If you do not have one yet, you can [sign up for one](#).

Step 2: Create a Project and connect an App

Next, in the [developer portal](#), create a new Project.

Projects

NO PROJECTS HERE

+ New Project

Give it a name, select the appropriate use-case, provide a project description. Next, you can either create a new [App](#) or connect an existing App (an App is a container for your API Keys that you need in order to make an HTTP request to the Twitter API).



Add your App

Pick which App you'd like to add to your Project.

[Create a new App instead.](#)

- ✓ STEP 1
- ✓ STEP 2
- ✓ GETTING CLOSE
- ALMOST DONE!

Choose App



Complete

Back

Click 'create a new App instead' and give your App a name in order to create a new App.



- ✓ STEP 1
- ✓ STEP 2
- ✓ GETTING CLOSE
- ALMOST DONE!

Last step, name your App

Apps are where you get your **access keys and tokens** and set permissions. They are encompassed within your Projects.

[Add an existing App to this Project instead.](#)

6

Complete

Back

Once you click complete, you will get your API Keys and the Bearer Token that you can then use to connect to the new endpoints in the Twitter API v2.



Here are your keys & tokens

For security, this will be the last time we'll display these. If something happens, you can always regenerate them.

API key ⓘ

API secret key ⓘ

Bearer token ⓘ

Click the **(+)** next to API Key, API Secret Key and Bearer Token and copy it in a safe place on your local machine, you will need these to make the API calls in the next step.

Please note: The keys in the screenshot above are hidden, but in your own developer portal, you will be able to see the actual values for the API Key, API Secret Key and Bearer Token.

Step 3: Make an HTTP request to one of the new endpoints

Now that you have your API Keys and Bearer Token, you are ready to make your first API call to the new Twitter API v2. In this example, we will call the [recent search endpoint](#) in the new Twitter API v2.

If you are familiar with the Twitter API v1.1, you may have used the [search/tweets](#) endpoint which let you search for Tweets from the last seven days. The recent search endpoint is the replacement in v2 of this search/tweets endpoint from v1.1.

We can call the recent search endpoint using one of the following approaches:

Using cURL

The first approach is to make the request in your terminal using curl. The example below shows how you can get Tweets in the last seven days from the [TwitterDev account](#) using the recent search endpoint. Just replace the `$BEARER_TOKEN` in the request below with your own Bearer Token (obtained from step two above), and paste the snippet in your terminal. You will get the JSON response for this request.

```
curl --request GET 'https://api.twitter.com/2/tweets/search/recent?query=from:twitterdev' --header 'Authorization: Bearer $BEARER_TOKEN'
```

Code copied to clipboard

Once you are comfortable with making this API call, you can learn more advanced concepts such as [modifying the query](#) (in the request above) to get data using other keywords and operators, along with how to get additional information in your response (such as relevant [user](#), [place](#), [polls](#), or [Tweet](#) objects) by exploring [the documentation for the recent search endpoint](#) and instructions on [using fields and expansions to request specific data in your response](#).

Using sample code available on Github

Alternatively, you can use one of the [code samples available on our Github](#) to make your first request to the Twitter API v2. Currently, we have code samples available in Python, Javascript (Node), Java, Ruby. In this article, I will describe how to use the [sample code for the recent search endpoint](#) in Python.

1. First, you will have to [download the code samples](#) from Github. Alternatively, you can also clone this repository in Github Desktop if you have it setup.
2. Navigate to the [recent_search.py](#). Make sure you have the requests library installed. If not, install it by running: `pip install requests` in your terminal.
3. Copy your Bearer Token (obtained in step two) and set in your environment variable by running: `export 'BEARER_TOKEN'='<your_bearer_token>'` in your terminal.
4. Run the [recent_search.py](#) file by running `python3 recent_search.py`

This will run the script and give you Tweets in the last seven days from the [TwitterDev account](#). You can modify the query in the [recent_search.py](#) file and also specify additional fields you want returned in your JSON response.

Using Postman

Yet another way of making your first request to the new Twitter API is [using Postman](#). Postman is a tool that lets you make HTTP requests using a graphical user interface, by easily specifying the request URL, parameters, headers etc.

To learn how to use Postman, we recommend you follow the steps that we've outlined in our [recent search quick start guide](#).

Using select libraries

You can also use some of the libraries that support the new endpoints that are part of the new Twitter API. Check out our [tools and libraries page](#) and look for libraries in your favorite programming language. Look for the libraries that support **v2** of our API.

Wrap-up

You can use one of these approaches mentioned above to quickly make your first request to the new Twitter API v2. This will enable you to try out the new endpoints and features that are part of the new Twitter API.

If you build anything with the new Twitter API, please share it with us on [this forum](#).

This is just the beginning. We will continue to add new endpoints to the Twitter API v2. To see what's coming, checkout our [product roadmap](#).

Resources

- [Video technical overview of the new Twitter API v2](#)
- [Twitter API v2: Early Access Guide](#)
- [The Academic Research take on Early Access to the new Twitter API v2](#)
- [Migrate to the new Twitter API](#)
- [Twitter API v2: Early Access tutorials](#)