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What are we going to cover?

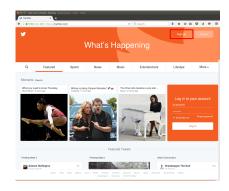
We're going to start the "hands on" portion of the boot camp:

- We'll create twitter accounts (if needed).
- We'll create twitter developer accounts (if needed).
- We'll save the "special data" needed by our programs to access twitter.
- We'll get ready for lots of work over the next two days.



Create a Twitter account

A valid twitter account is required to search the twitterverse, either through a UI or an API.



https://twitter.com

An account is required to access the Twitter API



Twitter ID

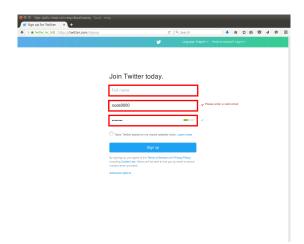
Enter data in the highlighted boxes:

- Full name what you will be known as
- Email how Twitter can contact you, and how people can find you
- Password a password

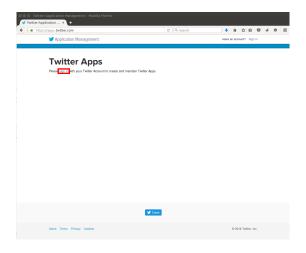


You can now send and receive tweets.

An account is required to access the Twitter API

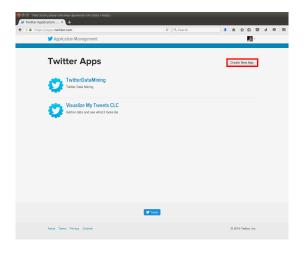


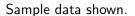
Go to the Twitter API sign-in page





Begin the application creation process.



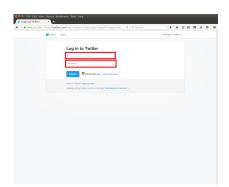


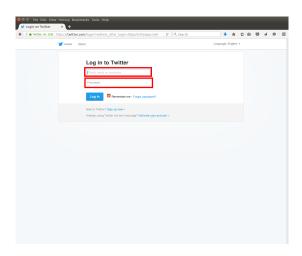


Log into Twitter

Provide the following information:

- Username
- Password



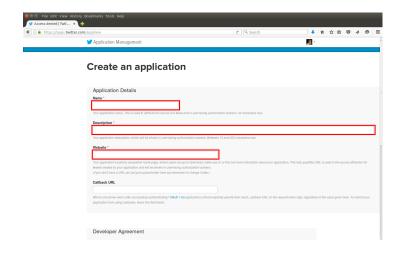


Details about your application

You'll need to provide this information

- Name: what is the name of this application.
- ② Description: just a short description of what the application will do.
- Website: a correctly formed URL. The URL does not have to be functional.
- Callback URL: optional





Optional callback URL information

Callback URL: depending on how your software authenticates itself to Twitter, you may have to fill this in. If you do and you are using the R httr package, the recommended value is:

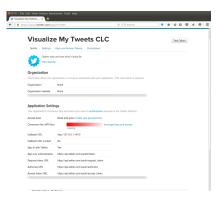
http://127.0.0.1:1410

The httr package creates a webserver that listens for on port 1410 of the local machine for Open Authentication (OAuth). Be sure to use the IP address 127.0.0.1 and not the common name localhost.

Twitter application API details page

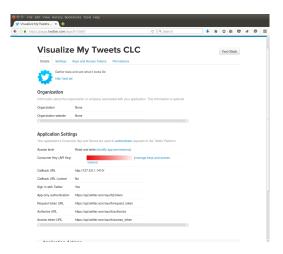
This page allows you to modify information about your application.

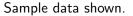
Sensitive data has been redacted.



Sample data shown.



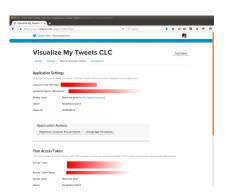






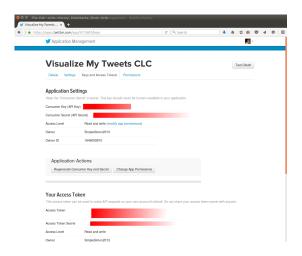
Twitter API Keys

Sample data.
Sensitive data (Consumer Key and Consumer Secret) has been redacted.



You will need the redacted information.









These are important and sensitive

You have created a Twitter application. You application can do things on your behalf. Your application is you.

Keep these pieces of data private.

- Consumer Key (API Key) You'll use this later.
- Consumer Secret (API Secret) You'll use this later.
- Access Token
- Access Token Secret

When in doubt you can go to the Twitter Application Management page and recreate them anew.

Twitter keys

Q & A time.

"The Answer to the Great Question ... Of Life, the Universe and Everything ... is ... forty-two,' said Deep Thought, with infinite majesty and calm."

Douglas Adams, The Hitchhiker's Guide to the Galaxy



What have we covered?

- Created a Twitter account
- Created a Twitter Developer's account
- Identified the Twitter Keys we'll need later



Next: Accessing tweets using Python.