

Twitter keys

Q & A

Conclusion

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# What are we going to cover?

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

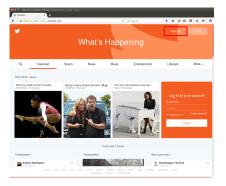
- We'll create twitter accounts (if needed).
- We'll create twitter developer accounts (if needed).
- We'll save the "special data" needed by our programs to access twitter.
- We'll get ready for lots of work over the next two days.



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An account	is required to access the Twi	itter API			

## Create a Twitter account

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



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https://twitter.com

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https://twitter.com

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# 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.

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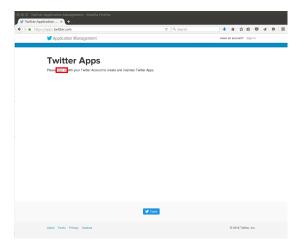
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An account is re	equired to access the Tw	itter API			

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Advanced options								

You can now send and receive tweets.

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### Go to the Twitter API sign-in page

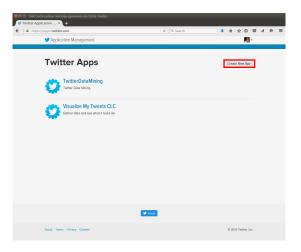


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https://apps.twitter.com/

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## Begin the application creation process.



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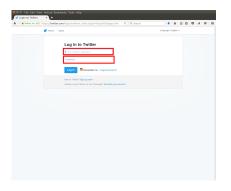
Sample data shown.

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### Log into Twitter

Provide the following information:

- Username
- Password



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You'll need to provide this information

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

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# 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) handshake. Be sure to use the IP address 127.0.0.1 and not the common name localhost.

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# Twitter application API details page

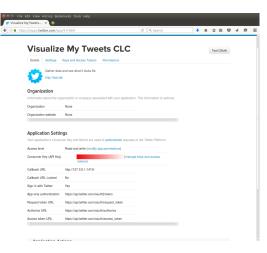
This page allows you to modify information about your application. Sensitive data has been redacted.

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#### Sample data shown.

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#### Sample data shown.

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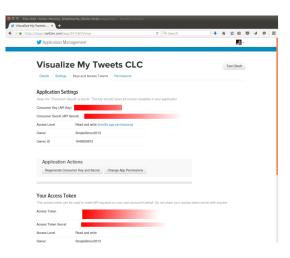
Sample data. Sensitive data (Consumer Key and Consumer Secret) has been redacted.

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Consumer Key (API)	Key)								
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You will need the redacted information.

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You will need the redacted information.

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# 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.

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Q & A time.

Q: What was the greatest achievement in taxidermy?A: The Royal Canadian Mounted Police.



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# What have we covered?

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



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Next: Accessing tweets using R.