Setting Up a Twitter App

Exercise 1: Getting a Twitter Account

We will be taking a conventional Twitter account and turning it into a web app that will live stream incoming tweets from around the world. To do this, you must first have a Twitter account. **If you already have a Twitter account, skip to Exercise 2.**
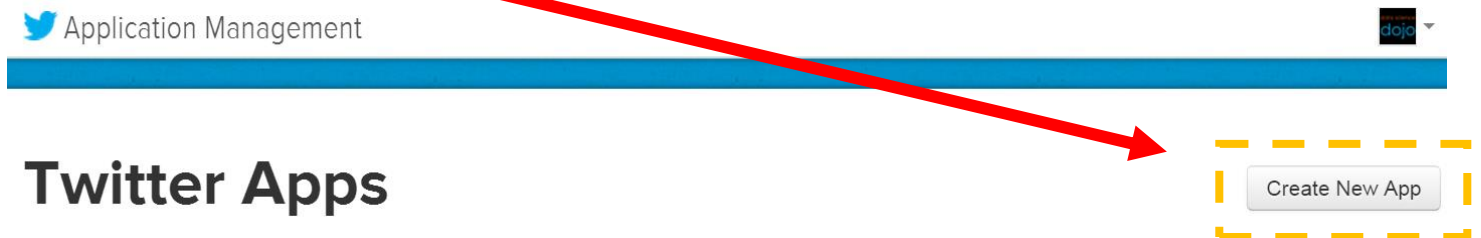
1. Go to http://twitter.com and find the sign up box, or go directly to https://twitter.com/signup

2. Enter your **full name**, **email address**, and a **password**

3. Click "**Sign up for Twitter"**

4. On the next page, you can select a **username** (usernames are unique identifiers on Twitter) — type your own or choose one Twitter suggests. Twitter will tell you if the username you want is available.

5. **Double-check** your name, email address, password, and username.

6. Click "**Create my account"**

7. Twitter will send a **confirmation email** to the email address you entered. Click the link in that email to confirm your email address and account.

8. You will need to add your phone number to the account under settings in order to receive a Twitter app from Twitter. Twitter will send you a confirmation text to the phone number via text messaging. Please read this tutorial on how to add a mobile phone number to your account: https://support.twitter.com/articles/110250-adding-your-mobile-number-to-your-account-via-web

Exercise 2: Converting Twitter into a Streaming App

The Twitter Streaming APIs use [OAuth](#) to authorize requests. The first step to use OAuth is to create a new application on the Twitter Developer site. Make sure you have a mobile phone number synced to your twitter account or else you will not be provisioned a stream app from Twitter.
How to: https://support.twitter.com/articles/110250-adding-your-mobile-number-to-your-account-via-web

1. Sign in to https://apps.twitter.com/
2. Click **Create New App**.

3. Enter **Name**, **Description**, **Website**.
   a) The Website field is not really used. It does not have to be a valid URL. Make sure it starts with "http://www" and ends with ".com".
   b) The description is for your own documentation.
   c) You may leave the call back URL blank.

4. Within your provisioned Twitter app, click on **"Keys and Access Tokens"**.

5. Scroll to the bottom and click **"create my access token"** to generate security tokens for your Twitter app.

6. Click on "Test OAuth" on the top right-hand corner to get a summarization of your 4 security keys.

7. Keep this page open, you will need these 4 security keys to create a Twitter stream.

OAuth Tool

OAuth Settings

Consumer key: *

Consumer secret: *

Remember this should not be shared.

Access token:

Access token secret: