HOW TO MAKE A TWITTER BOT

SETTING UP YOUR ENVIRONMENT

- Download Python (version 3.6)
- × Using Pip, install twython
- × Install Git Bash or GitKraken
- Create a GitHub repo (save the url)
- Create a Twitter account (we'll set this up later)



TWITTER'S RULES AND POLICIES

GROUND RULES SUGGESTIONS

Respect the API Build helpful automation services

Spam is bad Try new things

No duplicate accounts

Build a bot that people will want to follow

Misleading links are frowned upon

Respect people's privacy

You can view the official Twitter rules at help.twitter.com/en/rules-and-policies/twitter-rules, the developer agreement and policy at dev.twitter.com/en/rules-and-policies/twitter-automation. and the automation rules at help.twitter.com/en/rules-and-policies/twitter-automation.



Join Twitter today.

Full name

Phone or Email

Password

☐ Personalize Twitter based on where you've seen Twitter content on the web. Learn more.

Sign up

By signing up, you agree to the Terms of Service and Privacy Policy, including Cookie Use. Others will be able to find you by email or phone number when provided.

Advanced options



Enter your phone.

Your phone number keeps your account secure, connects you to friends and makes login easier.

United States

+1 Phone number

Skip

We will text a verification code to this number. Standard SMS fees may apply. We will never display your phone number to other Twitter users.

Next

Choose a username.

Don't worry, you can always change it later.

codebot005779

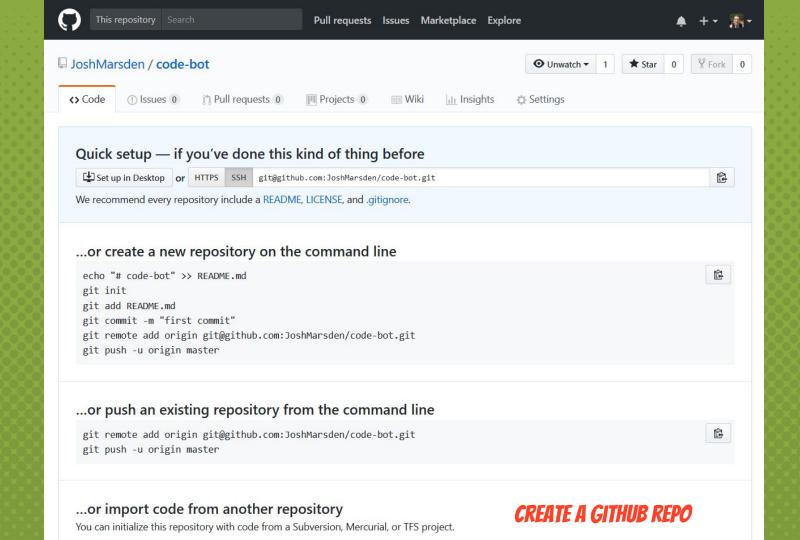
Suggestions: MarsdenjBot | CodeMarsdenj | MarsdenjCode | marsdenj_bot | code_marsdenj

Next

Skip











Create an application

Application Details
Name *
Code Bot Tweeter
Your application name. This is used to attribute the source of a tweet and in user-facing authorization screens. 32 characters max.
Description*
A test program to tweet random snippets of code for a Python tutorial.
Your application description, which will be shown in user-facing authorization screens. Between 10 and 200 characters max.
Website *
https://github.com/JoshMarsden/code-bot
Your application's publicly accessible home page, where users can go to download, make use of, or find out more information about your application. This fully-qualified URL is used in the source attribution for tweets created by your application and will be shown in user-facing authorization screens. (If you don't have a URL yet, just put a placeholder here but remember to change it later.)
Caliback URLs
Where should we return after successfully authenticating? OAuth 1.0a applications must explicitly specify their oauth_callback URL(s) here, as well as include the one of the URLs below in the request token step. To restrict your application from using callbacks, leave this field blank.
Add a Callback URL
Developer Agreement
Yes, I have read and agree to the Twitter Developer Agreement.
Create your Twitter application

Your application has been created, Please take a moment to review and adjust your application's settings.

Code Bot Tweeter

Details Settings Keys and Access Tokens Permissions

A test program to tweet random snippets of code for a Python tutorial.

https://github.com/JoshMarsden/code-bot



Code Bot Tweeter

Consumer Key (API Key)

Details Settings Keys and Access Tokens Permissions

Application Settings

Keep the "Consumer Secret" a secret. This key should never be human-readable in your application.

Consumer Secret (API Secret)

Access Level Read and write (modify app permissions)

Owner Codebot005779
Owner ID 998613717599174657

Application Actions

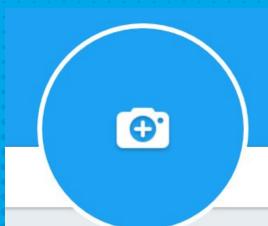
Regenerate Consumer Key and Secret

Change App Permissions



GIT THE CODE AND MAKE IT YOURS

- × Visit my repo: oithub.com/JoshMarsden/code-bot
- Vse Git Bash or GitKraken to "clone" the report of the
- Copy credentials_example.py to credentials.py and put in your own API keys
- × Try it out! Run the program using Python on your system



Code Bot

@codebot005779

Joined May 2018

Tweets Lists Moments
1 0 0

Tweets & replies



Code Bot @codebot005779 · 24s

New to programming? Need somewhere to start? CodeBot is here to save the day with simple one-liners in multiple programming languages!



1.



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Tweets & replies



Code Bot @codebot005779 · 4m

#include <iostream > int main() {std::cout << "Hello World!" << std::endl;} // C++



17



ılı



Code Bot @codebot005779 · 9m

New to programming? Need somewhere to start? CodeBot is here to save the day with simple one-liners in multiple programming languages!







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TAKEAWAYS

Use APIs

They make the world go 'round. Learn to use APIs because your job will depend upon it. Twitter bots are a fun way to do this.

Make another bot

There are much cooler things to do with a Twitter bot. Try reacting to people's actions or comments!

Python! It's amazing!

I cannot stress enough how important it is to learn a scripting language like Python. It useful in so many ways.

Blue

Is the colour of the clear sky and the deep sea. It is located between violet and green on the optical spectrum.

Get on Twitter

Tech and security news is hot on Twitter. If you're not already on there, hop on and start following people.

Red

Is the color of blood, and because of this it has historically been associated with sacrifice, danger and courage.

CREDITS

Special thanks to all the people who made and released these awesome resources for free:

- Presentation template by <u>SlidesCarnival</u>
- × Photographs by <u>Startupstockphotos</u>
- Twitter bot tutorial by <u>Geekswipe</u>