

Quick Guide : How to query botometer API ?

What is botometer ?

An online API to get bot scores. You give it an account, it gives you a score between 1 (=bot) and 0(=human). More information at <https://botometer.iuni.iu.edu/#!/>

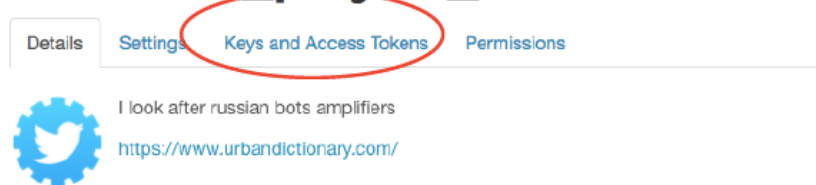
How to query botometer?

Step 0 : create Twitter profile verified by phone number. The more Twitter profiles you have, the more you can query botometer in parallel, hence the faster you get results.

Step 1 : create Twitter credentials = 4 strings of numbers/characters that you get as:

1. Go to <https://apps.twitter.com/>
2. Sign in with your usual twitter credentials
3. Click Create new app
4. Fill in name, description of project...
5. Agree the conditions of user, submit. You should be here. Got to keys and access tokens

Research project_BOTS



Organization

Information about the organization or company associated with your application. This information is c

6. Note down the Consumer Key and Consumer Secret
7. Scroll down to the access token section and note down the Access Token and Access Token Secret

That's 4 numbers, your credentials keep them somewhere.

Step 2 : get your mashape key = 5th and final string of character to connect to API

1. Go to <https://market.mashape.com/>
2. Sign up
3. In the search bar search for 'botometer' API and select the free version in the results
4. On the right panel go to the Python tab and note down the 'X-Mashape-Key'

```
# These code snippets
response = unirest.post(
    headers={
        "X-Mashape-Key": "your-key",
        "Content-Type": "application/json",
        "Accept": "application/json"
    },
    params={"user": "bot"}
)
```

Now you have 5 strings of numbers. Remember them

Step 3 : divide your set of users in batches (as many as you have 5-uplets of twitter credentials, aka API endpoints), and run as many times the python script.

How to run the python script ?

Step 0 : install necessary libraries.(I use python3) In terminal run :

```
python3 -m pip install twython  
python3 -m pip Install botometer
```

Step 1 : go to the file named *credentials.py* and fill up with the 5 numbers previously mentioned

Step 2 : run the script by typing

```
python3 bot_script.py path/to/file/where/users_ids/to_compute/bot_score.csv
```

in terminal. You should see a file *botometer_scores_XXXX.csv* appear at the end. Open it with TextEdit or excel to see what it looks like.

Note : The file with the users_id you want to have the bot scores of must be saved in .csv and have the following format

```
234909  
8398613  
193413
```

But should not be formatted as 234909; 8398613; 193413.

Note : One users takes 3.5s to get the bot score (they are slow). Plan accordingly.

Best of luck,

Cheers,

Nicolas