

Preethi Sethu Ragunathan

CWID: A20387943

Consuming Twitter API Services

Twitter Screen Name – PreethiVasanth3

User Id- 1040471151099752448

AppName- soaiit

Consumer API keys

0Dj3eQ9dbtMOtCFHO8QmHGyKf - (API key)

4GP0owVIQpZ9Kt9yVHfBBmNa2IENUTvIOgIYaOno0TgKbW0cki (API secret key)

Access token & access token secret

1040471151099752448-uiDEWrKa3RyHnLMTToNG55SqnEt3PKj (Access token)

zFgt6DgFzZG2EgsfBv88zhHTsPbWAnOcMQWtXxwddbSxC (Access token secret)

Read and write (Access level)

The screenshot shows the Twitter Developer Portal interface. The browser address bar displays 'https://developer.twitter.com/en/apps/15856355'. The navigation bar includes links for 'Developer', 'Use cases', 'Products', 'Docs', and 'More'. The main heading is 'Apps / soaiit'. Below this, there are three tabs: 'App details', 'Keys and tokens' (which is selected), and 'Permissions'. The 'Keys and tokens' section contains the following information:

- Keys and tokens**
Keys, secret keys and access tokens management.
- Consumer API keys**
0Dj3eQ9dbtMOtCFHO8QmHGyKf (API key)
4GP0owVIQpZ9Kt9yVHfBBmNa2IENUTvIOgIYaOno0TgKbW0cki (API secret key)
A 'Regenerate' button is located below these keys.
- Access token & access token secret**
1040471151099752448-uiDEWrKa3RyHnLMTToNG55SqnEt3PKj (Access token)
zFgt6DgFzZG2EgsfBv88zhHTsPbWAnOcMQWtXxwddbSxC (Access token secret)
Read and write (Access level)
Buttons for 'Revoke' and 'Regenerate' are located at the bottom of this section.

Twitter API- To Retrieve user's timeline tweets

User- **Neil deGrasse Tyson**

Screen Name - **neiltyson**

Files

get-tweets.php

twitter-proxy.php

tweets.js

jquery-1.11.1.min

preethisethu.html

get-tweets.php

```
<?php
require_once('twitter_proxy.php');

// Twitter OAuth Config options
$oauth_access_token = '1040471151099752448-uiDEWwKa3RyHnLMTONG55SqnEt3PKj';
$oauth_access_token_secret = 'zFgt6DgFzZG2EgsfBv88zhHTsPbWAnOcMQWtXxwddbSxC';
$consumer_key = '0Dj3eQ9dbtMOtCFHO8QmHGyKf';
$consumer_secret = '4GP0owVIQpZ9Kt9yVHfBBmNa2IENUTvIOgIYaOno0TgKbW0cki';
$user_id = '1040471151099752448';
$screen_name = 'neiltyson';
$count = 15;

$twitter_url = 'statuses/user_timeline.json';
$twitter_url .= '?user_id=' . $user_id;
$twitter_url .= '&screen_name=' . $screen_name;
$twitter_url .= '&count=' . $count;

// Create a Twitter Proxy object from our twitter_proxy.php class
$twitter_proxy = new TwitterProxy(
    $oauth_access_token,          // 'Access token' on https://apps.twitter.com
    $oauth_access_token_secret,   // 'Access token secret' on https://apps.twitter.com
    $consumer_key,                // 'API key' on https://apps.twitter.com
    $consumer_secret,             // 'API secret' on https://apps.twitter.com
    $user_id,                     // User id (http://gettwitterid.com/)
    $screen_name,                 // Twitter handle
    $count                        // The number of tweets to pull out
);

// Invoke the get method to retrieve results via a cURL request
$tweets = $twitter_proxy->get($twitter_url);
```

echo \$tweets;

?>

User – Neil deGrasse Tyson

Screen Name - neiltyson

Screenshot from NeilDGrass Twitter Profile

The screenshot shows the Twitter profile of Neil deGrasse Tyson (@neiltyson). The profile header includes a circular profile picture of Neil deGrasse Tyson and a banner image of a green field with a silhouette of a person. Below the header, the profile information is displayed: Neil deGrasse Tyson, Astrophysicist, New York City, linked to haydenplanetarium.org/tyson/, and joined in January 2009. The stats show 5,879 tweets, 43 following, 12.8M followers, 2 likes, and 9 lists. The 'Following' button is highlighted. The 'Tweets' tab is selected, showing three recent tweets. The first tweet is from 3 hours ago, mentioning the Twittersphere and linking to Facebook and Instagram. The second tweet is from September 17, discussing gravity and linking to an Instagram post. The third tweet is from September 13, discussing Virtual Reality. The fourth tweet is from September 12, discussing the speed of light. The fifth tweet is from September 11, discussing the back yard and linking to a photo of a skyscraper.

Neil deGrasse Tyson @neiltyson
Astrophysicist
New York City
haydenplanetarium.org/tyson/
Joined January 2009

Tweets 5,879 Following 43 Followers 12.8M Likes 2 Lists 9

Tweets Tweets & replies Media

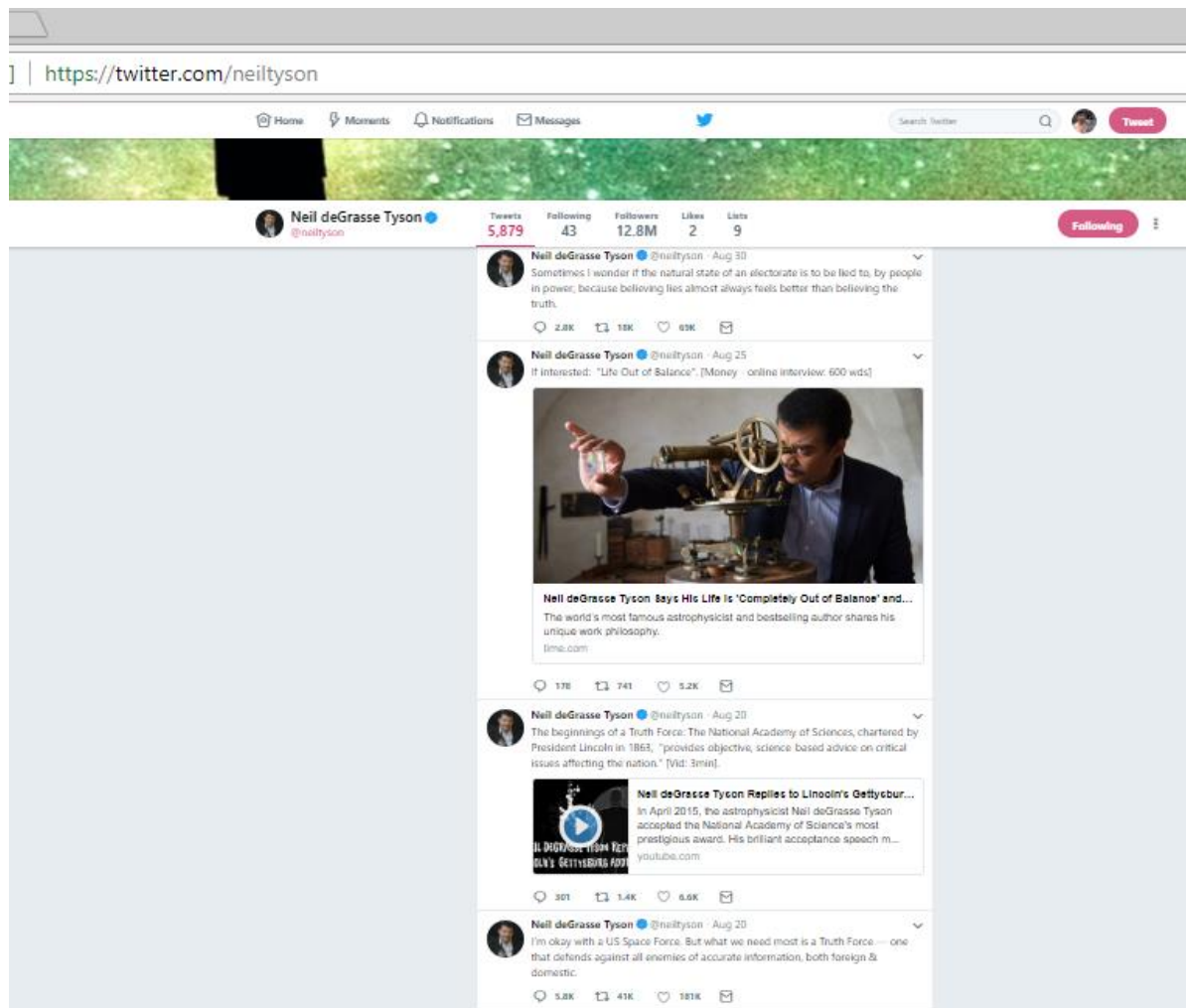
Neil deGrasse Tyson @neiltyson · 3h
Although the Twittersphere is my first love, if interested I also maintain a busy Facebook Page (facebook.com/neildegassety...) and an artsy, but slow-moving Instagram account (instagram.com/neildegassety...).

Neil deGrasse Tyson @neiltyson · Sep 17
For most of our life on Earth we either resist or succumb to the force of gravity. At Muscle Beach, gravity loses every time. (Venice, California - Sept 2016).
instagram.com/p/Bn1vLpA1-m/

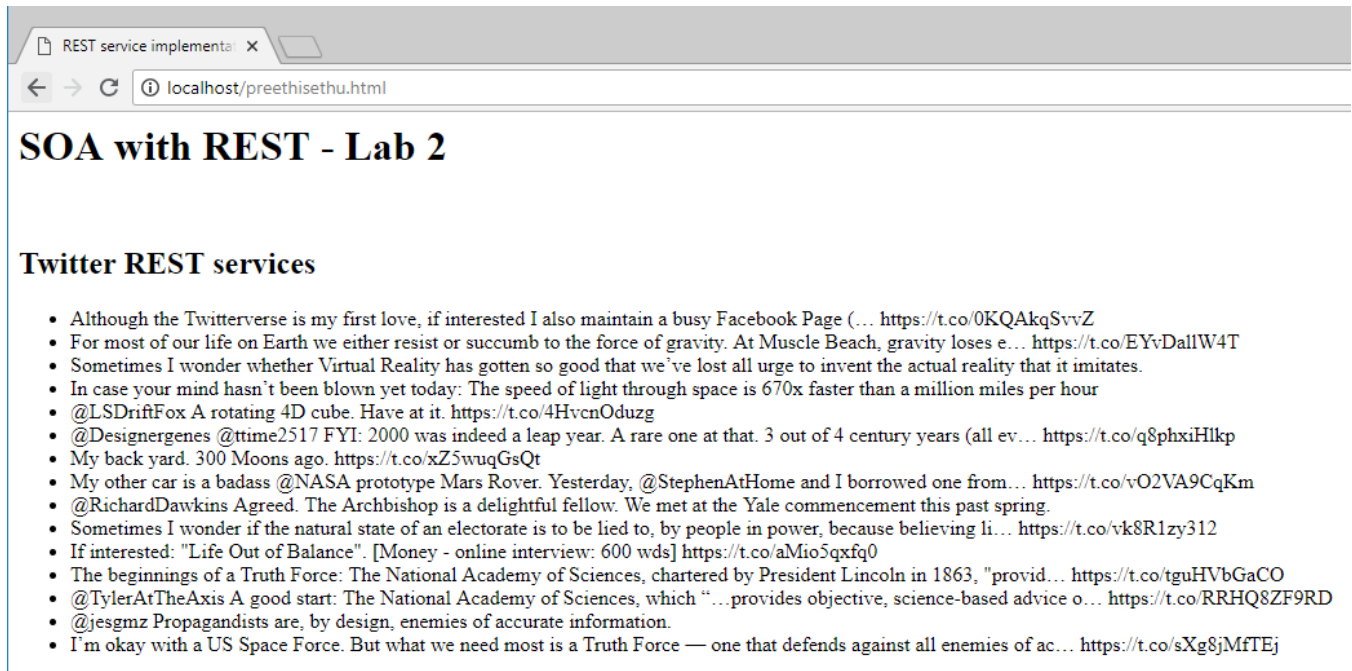
Neil deGrasse Tyson @neiltyson · Sep 13
Sometimes I wonder whether Virtual Reality has gotten so good that we've lost all urge to invent the actual reality that it imitates.

Neil deGrasse Tyson @neiltyson · Sep 12
In case your mind hasn't been blown yet today: The speed of light through space is 670x faster than a million miles per hour

Neil deGrasse Tyson @neiltyson · Sep 11
My back yard. 300 Moons ago.



Screenshots of Twitter API retrieving NeilDeGrasse's recent tweets



The screenshot shows a web browser window with the address bar displaying 'localhost/preethisethu.html'. The page title is 'SOA with REST - Lab 2'. Below the title, the section 'Twitter REST services' is followed by a list of tweets from Neil DeGrasse Tyson. The tweets are displayed as a bulleted list, each starting with a dot and followed by the tweet text and a truncated URL.

- Although the Twittersverse is my first love, if interested I also maintain a busy Facebook Page (... <https://t.co/0KQAkqSvvZ>
- For most of our life on Earth we either resist or succumb to the force of gravity. At Muscle Beach, gravity loses e... <https://t.co/EYvDallW4T>
- Sometimes I wonder whether Virtual Reality has gotten so good that we've lost all urge to invent the actual reality that it imitates.
- In case your mind hasn't been blown yet today: The speed of light through space is 670x faster than a million miles per hour
- @LSDriftFox A rotating 4D cube. Have at it. <https://t.co/4HvcnOduzg>
- @Designergenes @ttime2517 FYI: 2000 was indeed a leap year. A rare one at that. 3 out of 4 century years (all ev... <https://t.co/q8phxiHlkp>
- My back yard. 300 Moons ago. <https://t.co/xZ5wuqGsQt>
- My other car is a badass @NASA prototype Mars Rover. Yesterday, @StephenAtHome and I borrowed one from... <https://t.co/vO2VA9CqKm>
- @RichardDawkins Agreed. The Archbishop is a delightful fellow. We met at the Yale commencement this past spring.
- Sometimes I wonder if the natural state of an electorate is to be lied to, by people in power, because believing li... <https://t.co/vk8R1zy312>
- If interested: "Life Out of Balance". [Money - online interview: 600 wds] <https://t.co/aMio5qxfq0>
- The beginnings of a Truth Force: The National Academy of Sciences, chartered by President Lincoln in 1863, "provid... <https://t.co/tguHVbGaCO>
- @TylerAtTheAxis A good start: The National Academy of Sciences, which "...provides objective, science-based advice o... <https://t.co/RRHQ8ZF9RD>
- @jesgmz Propagandists are, by design, enemies of accurate information.
- I'm okay with a US Space Force. But what we need most is a Truth Force — one that defends against all enemies of ac... <https://t.co/sXg8jMfTEj>