Latest Twitter feed API

This is API documentation of a system that returns only the latest tweets from added Twitter users. Communication is via Rest API with content-type: application/json

API methods

Add

GET: {endpoint}/add?id=...&user=..&secret=..
Paramaters description:
    Id - Random 32-char string used as unique identifier of a request
    User - Twitter username of an user that should be added to my list
    Secret - Secret parameter to be used as security layer

This method will be used in case I want to add another Twitter user to the feed
In case of successfully added user - respond with HTTP status 200 and blank body.
In case of error - respond with error code describe below

Feed

GET: {endpoint}/feed?id=...&secret=..
Paramaters description:
    Id - Random 32-char string used as unique identifier of a request
    Secret - Secret parameter to be used as security layer

Method gets the latest tweets from users that were added and outputs them in specified format. If user list is empty, response should be blank. If user list is NOT empty, response needs to look like this:
Success Response
```
{
    "feed": [{
                "user": "",
                "tweet": "",
                "hashtag": ["", "", ""]
        },
        {
                "user": "",
                "tweet": "",
                "hashtag": ["", "", ""]
        }
    ]
}
```
In case of error - respond with error code describe below

Remove

GET: {endpoint}/remove?id=...&user=..&secret=..
Paramaters description:

    Id - Random 32-char string used as unique identifier of a request

    User - Twitter username of an user that should be added to my list

    Secret - Secret parameter to be used as security layer

Method removes already added users from the list of users

In case of successfully added user - respond with HTTP status 200 and blank body.

In case of error - respond with error code describe below

Secret parameter

Secret parameter is used as security layer in every request. API must restrict requests that has wrong secret parameter value and respond with related error.

Secret calculation

Secret is calculated as hmac_sha1 of concatenated parameter values except secret.
http://php.net/manual/en/function.sha1.php
Example:
{endpoint}/add?id=WBYX1TLPRWJ7NSV36LCPP2OZFH6AE6LM&user=elonmusk

sha1(WBYX1TLPRWJ7NSV36LCPP2OZFH6AE6LMelonmusk)=**3dfb3e37b62f0f13ceca0df a87a860b007a29e73**

{endpoint}/add?id=WBYX1TLPRWJ7NSV36LCPP2OZFH6AE6LM&user=elonmusk&secret=
3dfb3e37b62f0f13ceca0dfa87a860b007a29e73

Errors

In case of any error, API should respond with one of errors below to any API method.

    Wrong secret value

        {"error": "access denied"}

    Missing parameters

        {"error": "missing parameter"}

    Internal error

        {"error": "internal error"}