

CHALLENGE:

RESTful APIs and HTTP requests

- Download postman and get information for a superhero from Marvel API
- Access to <https://developer.marvel.com/docs> and do all steps to get an API key to get access
- Get information related to the list of characters of Cable & Deadpool (2004) #46 (Zombie Variant)
- Get a list of all stories when Agent X (Nijo) appears
- Generate JSON document with this information and push to GitHub repo

INFORMATION:

Public Key: 3a415ef4e4a862e92d111a300d8dc864

Private Key: 727c233097e929698cdbda52c8625a3ce1c48153

Timestamp: 1540310917

Hash (MD5): cef70b793db736784ec060c3e683d91d

md5 Hash Generator

This simple tool computes the MD5 hash of a string. Also available: [SHA-1 hash generator](#) and [SHA-256 hash generator](#).

String:

1540310917

727c233097e929698cdbda52c8625a3ce1c48153

3a415ef4e4a862e92d111a300d8dc864

timestamp

private key

public key

md5

☐ Treat multiple lines as separate strings

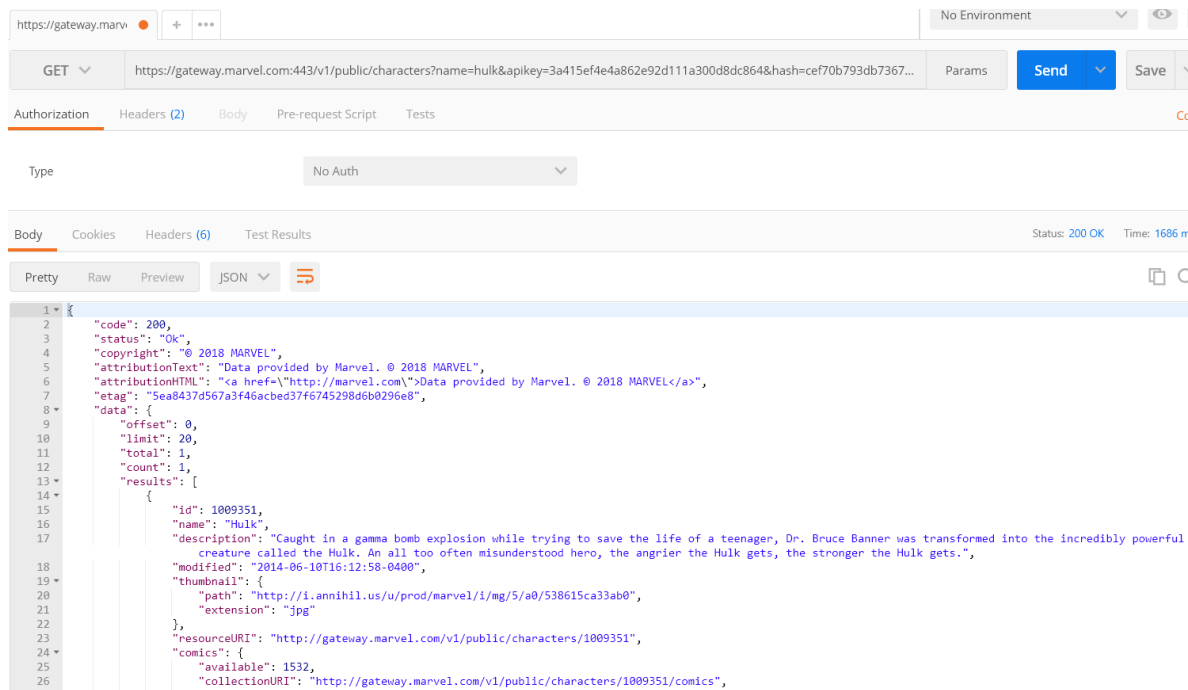
MD5 Hash:

cef70b793db736784ec060c3e683d91d

1. SuperHero: HULK

URL:

<https://gateway.marvel.com:443/v1/public/characters?name=hulk&apikey=3a415ef4e4a862e92d111a300d8dc864&hash=cef70b793db736784ec060c3e683d91d&ts=1540310917>



2. Public Key: 3a415ef4e4a862e92d111a300d8dc864

Private Key: 727c233097e929698cdbda52c8625a3ce1c48153

3. URL Comic:

<https://gateway.marvel.com:443/v1/public/comics?title=Cable%20%26%20Deadpool&issueNumber=46&apikey=3a415ef4e4a862e92d111a300d8dc864&hash=cef70b793db736784ec060c3e683d91d&ts=1540310917>

GET https://gateway.marvel.com:443/v1/public/comics?title=Cable%20%26%20Deadpool&issueNumber=46&apikey=3a415ef4e4a862e92d111a3... Params Send Save

Authorization Headers (2) Body Pre-request Script Tests

Type No Auth

Body Cookies Headers (6) Test Results Status: 200 OK Time: 51

Pretty Raw Preview JSON

```
1 {
2   "code": 200,
3   "status": "Ok",
4   "copyright": "© 2018 MARVEL",
5   "attributionText": "Data provided by Marvel. © 2018 MARVEL",
6   "attributionHTML": "<a href='\"http://marvel.com/\">Data provided by Marvel. © 2018 MARVEL</a>",
7   "etag": "a461b2d0078a4160a90062689dc25a088a0f91ad",
8   "data": {
9     "offset": 0,
10    "limit": 20,
11    "total": 2,
12    "count": 2,
13    "results": [
14      {
15        "id": 16462,
16        "digitalId": 8050,
17        "title": "Cable & Deadpool (2004) #46",
18        "issueNumber": 46,
19        "variantDescription": "",
20        "description": "Since Deadpool is twice as much trouble as anyone in the Marvel Universe, the only logical people who could possibly rescue him and Bob, Agent of Hydra, from their temporal tantrum are...the Fantastic Eight?",
21        "modified": "2014-08-20T16:48:52-0400",
22        "isbn": "",
23        "upc": "5960605490-04611",
24        "diamondCode": "",
25        "ean": "",
26        "issn": ""
```

Comic id: 21845

URL Characters:

<https://gateway.marvel.com:443/v1/public/characters?comics=21845&apikey=3a415ef4e4a862e92d111a300d8dc864&hash=cef70b793db736784ec060c3e683d91d&ts=1540310917>

GET https://gateway.marvel.com:443/v1/public/characters?comics=21845&apikey=3a415ef4e4a862e92d111a300d8dc864&hash=cef70b793db7... Params Send Save

Authorization Headers (2) Body Pre-request Script Tests

Type No Auth

Body Cookies Headers (6) Test Results Status: 200 OK Time: 4

Pretty Raw Preview JSON

```
1 {
2   "code": 200,
3   "status": "Ok",
4   "copyright": "© 2018 MARVEL",
5   "attributionText": "Data provided by Marvel. © 2018 MARVEL",
6   "attributionHTML": "<a href='\"http://marvel.com/\">Data provided by Marvel. © 2018 MARVEL</a>",
7   "etag": "88661c7aae30ef28f0c0ecd397b5611392a3c103",
8   "data": {
9     "offset": 0,
10    "limit": 20,
11    "total": 10,
12    "count": 10,
13    "results": [
14      {
15        "id": 1011031,
16        "name": "Agent X (Nijo)",
17        "description": "Originally a partner of the mind-altering assassin Black Swan, Nijo spied on Deadpool as part of the Swan's plan to exact revenge for Deadpool falsely taking credit for the Swan's assassination of the Four Winds crime family, which included Nijo's brother.",
18        "modified": "1969-12-31T19:00:00-0500",
19        "thumbnail": {
20          "path": "http://i.annihil.us/u/prod/marvel/i/mg/b/40/image_not_available",
21          "extension": "jpg"
22        },
23        "resourceURI": "http://gateway.marvel.com/v1/public/characters/1011031",
24        "comics": {
25          "available": 18,
26          "collectionURI": "http://gateway.marvel.com/v1/public/characters/1011031/comics",
```

4. Agent X (Nijo) id: 1011031

URL Agent X:

<https://gateway.marvel.com:443/v1/public/characters/1011031/comics?apikey=3a415ef4e4a862e92d111a300d8dc864&hash=cef70b793db736784ec060c3e683d91d&ts=1540310917>

GET

https://gateway.marvel.com:443/v1/public/characters/1011031/comics?apikey=3a415ef4e4a862e92d111a300d8dc864&hash=cef70b793db736784ec060c3e683d91d&ts=1540310917

Params

Send

Save

Authorization

Headers (2)

Body

Pre-request Script

Tests

Type

No Auth

Body

Cookies

Headers (6)

Test Results

Status: 200 OK Time: 1023 ms

Pretty

Raw

Preview

JSON

```
1 {
2   "code": 200,
3   "status": "Ok",
4   "copyright": "© 2018 MARVEL",
5   "attributionText": "Data provided by Marvel. © 2018 MARVEL",
6   "attributionHTML": "<a href='\"http://marvel.com/\">Data provided by Marvel. © 2018 MARVEL</a>",
7   "etag": "beed2305f796cf2fc21d709c60112214078997c6",
8   "data": {
9     "offset": 0,
10    "limit": 20,
11    "total": 18,
12    "count": 18,
13    "results": [
14      {
15        "id": 21845,
16        "digitalId": 0,
17        "title": "Cable & Deadpool (2004) #46 (Zombie Variant)",
18        "issueNumber": 46,
19        "variantDescription": "Zombie Variant",
20        "description": "Since Deadpool is twice as much trouble as anyone in the Marvel Universe, the only logical people who could possibly rescue him and Bob, Agent of Hydra, from their temporal tantrum are... the FANTASTIC EIGHT? Twice the guest stars! Twice the fun! But not twice the price! How can you say no? 32 PGS./Rated T+ $2.99",
21        "modified": "2011-09-20T12:08:14-0400",
22        "isbn": "",
23        "upc": "5960605490-04611",
24        "diamondCode": "",
25        "ean": ""
```