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How to get Neo4j 2.2 Auth/API Token

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Is there a way to retrieve the API token from the REST API?

I want to use the py2neo set_auth_token method.

A blog post stated that the server command would return the api token but it does not.

```
:server connect
```

It only lists my user.

I installed a completely new Neo4j 2.2 and did not change any configuration. Unforntunately the docs are not very detailed in regards to the api token feature or i did not find the correct page. All i found was: http://neo4j.com/docs/snapshot/rest-api-security.html

neo4j   py2neo

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asked Apr 3 at 14:28

Jotschi
471 ● 3 ● 16

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2 Answers

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The toke based approach was removed in M4. Just use username and password

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answered Apr 3 at 15:11

Michael Hunger
25.2k ● 2 ● 21 ● 41

1   You should give more information, this is a poor answer in my opinion (no offense ;-)). Please explain HOW to pass username and password to the header and in which format). FYI: Authentication: Basic base64encoded. I had the same problem in PHP and it did not help. Frustrating. – Romain Bruckert Apr 22 at 14:38

Normal authentication is no problem. The question targeted the api token authentication and this way of authenticating was removed. – Jotschi Apr 22 at 17:47

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You have to passe an `base64` encoded string of `username:password` in the request headers as `Authentication: Basic bAZenKo0dedString==` .

Example request with username foo, password bar (using Postman)

@authenticate

http://localhost:7474/db/data   POST ⇅   ☑ URL params   ☑ Headers (1)

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Authorization	Basic Zm9vOmJhcg==	✕	Manage presets
Header	Value	✕	
Header	Value		

form-data   x-www-form-urlencoded   raw

| Key | Value | Text |

Send   Save   Preview   Add to collection   Reset

Body   Cookies (2)   Headers (5)   STATUS 200 OK   TIME 13 ms

Pretty   Raw   Preview   ▢   ▤   JSON   XML

```
1  {
2      "extensions": {},
3      "node": "http://localhost:7474/db/data/node",
4      "node_index": "http://localhost:7474/db/data/index/node",
5      "relationship_index": "http://localhost:7474/db/data/index/relationship",
6      "extensions_info": "http://localhost:7474/db/data/ext",
7      "relationship_types": "http://localhost:7474/db/data/relationship/types",
8      "batch": "http://localhost:7474/db/data/batch",
9      "cypher": "http://localhost:7474/db/data/cypher",
10     "indexes": "http://localhost:7474/db/data/schema/index",
11     "constraints": "http://localhost:7474/db/data/schema/constraint",
12     "transaction": "http://localhost:7474/db/data/transaction",
13     "node_labels": "http://localhost:7474/db/data/labels",
14     "neo4j_version": "2.2.1"
15 }
```

The string `Zm9vOmJhcg==` being a base64 encoded value of the string `foo:bar`

Encode to Base64 format

Simply use the form below

foo:bar

> ENCODE <   UTF-8   (You may also select output charset.)

Zm9vOmJhcg==

Regards !

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answered Apr 22 at 14:16

Romain Bruckert
244   • 2   • 13

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Your Answer

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