

Ten. Million. Questions. Let's celebrate [all we've done together](#).

Stack Overflow is a question and answer site for professional and enthusiast programmers. It's 100% free.

Take the 2-minute tour

## in neo4j's cypher, is there a way to obtain the property keys of a node?

Work on work you love. From home.



stackoverflowcareers

The neo4j manual gives a good example for listing all property keys using the REST API:

0 :GET /db/data/propertykeys

Can this be achieved by using cypher only? maybe for one specific node as well?



neo4j cypher

share improve this question

add a comment

asked Apr 8 at 19:37



ErnestoE

137 1 8

### 2 Answers

active

oldest

votes

Since Neo4j 2.2 there's the `keys` function. Example:

3 MATCH (n:Person{name:'Ernesto'}) RETURN keys(n)

share improve this answer



answered Apr 8 at 19:51



Stefan Armbruster

23.1k 2 28 51

Stefan, thanks a lot, that was quick. Yes this solved my problem... - ErnestoE Apr 9 at 3:28

Now I'm waiting for a similar function that will return the values of those keys, maybe as a map (feature feature!) - ErnestoE May 25 at 5:15

add a comment

Work on work you love. From home.



stackoverflowcareers

To get all distinct properties of all the nodes and relationships in neo4j database we can write something like

2 MATCH (n) OPTIONAL MATCH (n)-[r]-() RETURN distinct keys(n), keys(r)

share improve this answer

edited May 6 at 12:31

answered May 6 at 11:53



bingo

56 5

This is somehow a more complete answer given that I didn't specify nodes only. Thanks! - ErnestoE May 9 at 18:32

add a comment

### Your Answer

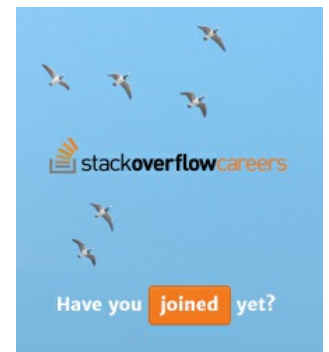
asked 4 months ago

viewed 81 times

active 3 months ago

#### Blog

Why Stack Overflow is a Good Workplace for Women



#### Related

- 24 Cypher - Return node if relationship is not present
- 3 Neo4j Cypher: Find exact match to array Node property in WHERE clause
- 4 How to query for properties with dashes in Neo4j using Cypher
- 0 Getting multiple relationship property returns from a single cypher call
- 1 How to cypher query a neo4j DB with WHERE clause on sparse property
- 3 Cypher - Remove all properties with a particular value
- 14 Are neo4j's cypher transactions broken?
- 0 Is it possible to query a Neo4J db using Cypher, via the REST API, and return the URI of a node?
- 1 Cypher query for all nodes that lack a certain property
- 0 Cypher query optimisation - Utilising known properties of nodes

#### Hot Network Questions

