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Cypher Parser bug: do not allow to get property of node in collection 🐛

New issue

Closed

garmoshka-mo opened this issue Apr 25, 2015 · 7 comments



garmoshka-mo commented Apr 25, 2015

`relationships(path)[1].index` says:

Invalid input '.': expected whitespace, '[', '"~"', IN, IS, '^', '*', '/', '%', '+', '-', '

Workaround is ugly as hell: `[r IN [relationships(path)[1]] | r.index][0]`

Labels

None yet

Milestone

No milestone

Assignee

No one assigned



jexp commented Apr 25, 2015

Collaborator

```
WITH relationships(path)[1] as r
...r.index
```

4 participants



garmoshka-mo commented Apr 25, 2015

It is better workaround, but not for each case, mine is:

```
MATCH p=({ID: 8898})-->()-[*0..2]-({ID:5385})
return reduce(min_weight=100, i IN range(0, length(p)) |
  CASE
    WHEN min_weight > COALESCE(toInt([r IN [relationships(p)[i]] | r.index][0]), 100)
    THEN COALESCE(toInt([r IN [relationships(p)[i]] | r.index][0]), 100)
    ELSE
      min_weight
  END
) as min_weight
```

Sense is to return thinnest relation



cleishm commented Apr 25, 2015

Owner

It's likely a precedence concern. Try `(relationships(path)[1]).index` ?



garmoshka-mo commented Apr 25, 2015

Yeah, that works, thanx!



garmoshka-mo closed this Apr 25, 2015



jexp commented Apr 25, 2015

Collaborator

Just FYI your query is not likely to perform well on larger datasets if you don't provide a label + index on your nodes..



garmoshka-mo commented Apr 25, 2015

Thanx, will optimize this



AshishBarde commented Apr 25, 2015

Hi,

My name is Ashish Bardiya from India I am using Neo4j graph database I have one problem when my data is 10 lakh nodes the cypher query execution goes very slow It will take 2 to 3 min for execution please help me out on these... and also give me some solution how to take hot backup of neo4j graph database

...

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