



This repository Search

Explore Features Enterprise Blog

Sign up

Sign in



neo4j / neo4j

Watch

238

Star

1,885

Fork

730

2.2.0 Cypher Bug - Parameterized Legacy Index query with UNION exception

New issue

Closed

Deevian opened this issue Mar 31, 2015 · 3 comments



Deevian commented Mar 31, 2015

We've also ran into this issue while trying out 2.2.0, and although somewhat esoteric, it's applicable to some of our queries. Consider this one:

```
START root=node:Person(id='deevian')
RETURN ID(root) as id
```

UNION

```
START root=node:Person(id='retophy')
RETURN ID(root) as id
```

Executing it, Neo4j returns `key not found: SymbolUse(id@23)`, with a `Neo.DatabaseError.Statement.ExecutionFailure` message.

This only occurs if the statements have at least one `UNION`, and if one the parameters (in this case, `id`) is named the same as one of return aliases.

It does not occur when executed separately (without the `UNION`), when replacing `(id='deev')` with `('id:deev')`, or when changing the return alias to whatever else.

Labels

2.2

bug

Milestone

No milestone

Assignee

No one assigned

4 participants



cleishm commented Mar 31, 2015

Owner

Thanks @Deevian! I've verified this issue and passed it along to our team.



cleishm added `bug` `2.2` labels Mar 31, 2015



davidegrohmann closed this issue from a commit Apr 2, 2015



Fixes #4342 – NameSpacing Identifiers in StartItem which are not in s... 70136ed



davidegrohmann closed this in 70136ed Apr 2, 2015



rheusinkveld commented Jun 11, 2015

The issue still exists in 2.2.2 if you use an index hint on the same property. So using the example above the query below will still result in a `key not found: SymbolUse` error:

```
START root=node:Person(id='deevian') USING INDEX node:Person(id)
RETURN ID(root) as id
```

UNION

```
START root=node:Person(id='retophy') USING INDEX node:Person(id)
RETURN ID(root) as id
```



jexp commented Jun 11, 2015

Collaborator

but `USING INDEX node:Person(id)` is for schema indexes not for manual/legacy indexes.

So perhaps the error message should be different, but it is an invalid query in the first place :)

[Sign up for free](#)

to join this conversation on **GitHub**. Already have an account? [Sign in to comment](#)

