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neo4j / neo4j

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## 2.2 Cypher bug - identifiers unbound after UNWIND

New issue



Closed

nicolewhite opened this issue Mar 29, 2015 · 1 comment



nicolewhite commented Mar 29, 2015

I was having trouble with a 2.2 cypher query and I was able to reproduce it with the movie dataset:

```
MATCH (tom:Person {name:'Tom Hanks'})-[:ACTED_IN]->(m:Movie)
WITH tom, COLLECT(m) AS movies
UNWIND movies AS movie
MATCH (tom)-[:DIRECTED]->(movie)
RETURN tom.name, movie.title
```

In Neo4j 2.1.7, the results are as expected; I only get the movies that Tom Hanks has acted in and directed:

tom.name	movie.title
"Tom Hanks"	"That Thing You Do"

In Neo4j 2.2.0, however, the `tom` identifier becomes unbounded and it matches on any person who's directed the movies:

tom.name	movie.title
"Mike Nichols"	"Charlie Wilson's War"
"Robert Zemeckis"	"The Polar Express"
"Penny Marshall"	"A League of Their Own"
"Robert Zemeckis"	"Cast Away"
"Ron Howard"	"Apollo 13"
"Frank Darabont"	"The Green Mile"
"Ron Howard"	"The Da Vinci Code"
"Andy Wachowski"	"Cloud Atlas"
"Lana Wachowski"	"Cloud Atlas"
"Tom Tykwer"	"Cloud Atlas"
"Tom Hanks"	"That Thing You Do"
"John Patrick Stanley"	"Joe Versus the Volcano"
"Nora Ephron"	"Sleepless in Seattle"
"Nora Ephron"	"You've Got Mail"

systay added bug cypher 2.2 labels Mar 30, 2015



systay commented Mar 31, 2015

Owner

Thanks for reporting it, @nicolewhite. Silly bugs.

FWIW - This query does the same thing but faster and more idiomatic:

```
MATCH (tom:Person {name:'Tom Hanks'})-[:ACTED_IN]->(movie:Movie)
WHERE (tom)-[:DIRECTED]->(movie)
RETURN tom.name, movie.title
```

You probably already knew that, just thought it was good for other readers to see. :)

Labels

2.2

bug

cypher

Milestone

No milestone

Assignee

No one assigned

2 participants





 **systay** closed this issue from a commit Mar 31, 2015



 Fixes #4315 – UNWIND not binding to identifier ...

f71c213



 **systay** closed this in [f71c213](#) Mar 31, 2015

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