

2.2 ORDER BY "not defined" regression #4937

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aseemk opened this issue 9 days ago · 4 comments



aseemk commented 9 days ago

Using <http://console.neo4j.org/> as an example...

This query works:

```
MATCH (crew:Crew {name: 'Neo'})
WITH crew, 0 AS relevance
RETURN crew
ORDER BY relevance
```

But this query (just added another clause to the ORDER BY) doesn't:

```
MATCH (crew:Crew {name: 'Neo'})
WITH crew, 0 AS relevance
RETURN crew
ORDER BY relevance, crew.name
```

This is the `Neo.ClientError.Statement.InvalidSyntax` error that's thrown:

```
Error: relevance not defined (line 1, column 85 (offset: 84))
"MATCH (crew:Crew { name: 'Neo' }) WITH crew, 0 AS relevance RETURN crew ORDER BY relevance, crew.name"
                                         ^
```



aseemk commented 9 days ago

As a workaround, you can simply add `relevance` to the `RETURN`.



jexp commented 9 days ago

Collaborator

Hey Aseem

this is part of the more rigid "only order by things that are visible / accessible".
So you can only order by things in your return clause or by things accessible from there.

Or you just use your WITH to order

```
MATCH (crew:Crew {name: 'Neo'})
WITH crew, 0 AS relevance
```

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ORDER BY relevance, crew.name

RETURN crew



aseemk commented 4 days ago

Hey **@jexp**, thanks for the quick reply.

this is part of the more rigid "only order by things that are visible / accessible".


So you can only order by things in your return clause or by things accessible from there.

But (a) that's clearly not the case in the first example I provided, and more importantly, (b) if this is a breaking change between 2.1 and 2.2, shouldn't it have been properly communicated?

<http://neo4j.com/release-notes/>

Or you just use your WITH to order

Yep, this was a simplified example.




jexp commented 4 days ago

Collaborator

Hey **@aseemk**

I think it was always intended to be like that, so it was more or less a bugfix, but **@systay** and **@boggle** would know more.

And you're right the first example shouldn't work either :)



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