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# Can't delete node using Neo4j + Spring Data for Neo

I have added delete functionality for simple kind of node in my application

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public class Vote extends BaseEntity {

@GraphId private Long id;

> @RelatedTo(type = VOTED\_FOR, direction = Direction.OUTGOING) private Decision decision:

@RelatedTo(type = VOTED\_ON, direction = Direction.OUTGOING) private Criterion criterion;

@RelatedTo(type = CREATED\_BY, direction = Direction.OUTGOING) private User author;

Also, some other node entities having incoming relation to Vote

Delete query looks like this

"MATCH ()-[r]-(v:Vote) WHERE  $id(v) = \{voteId\}$  DELETE r,v"

When you doing delete all goes fine, no exception, when i trying to find all vote nodes from node entity referenced this vote before delete, result is as expected all votes except one i deleted are returned

But when i trying to find deleted vote by id i get not expected exception

java.lang.IllegalStateException: No primary SDN label exists .. (i.e one starting wi

Find work ok for other nodes, Probably it is related to SDN I don't know

Seems like I don't know how properly delete node or something, please help

neo4j cypher spring-data-neo4j

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edited Jul 3 at 14:39

Brian Tompsett - 汤莱恩 **2,241 •** 9 • 14 • 42

asked Apr 6 at 10:11



Don't understand your questy, why don't you use repository.delete() or template.delete? Also what do you mean with "But when i trying to find deleted vote by id i get not expected exception" - Michael Hunger Apr 6

1. I'm not using repocitory delete cos I want predict all dependencies and relatetions delete as well, or i can effectively use something like cascading? 2. So i successfuly deleted vote using my query, after i checking in my test to find vote i deleted by its id, i expect to have something like null result or NotFoundException but i geting java.lang.lllegalStateException: No primary SDN label exists .. (i.e one starting with \_) - Fagoter | Apr

It should automatically delete all rels as well but no transitive cascading. - Michael Hunger Apr 7 at 22:28

Something breaks in your stuff, that removes labels from your nodes. - Michael Hunger Apr 7 at 22:28

Possible this query is deleting too much? I see in cypher query executor that among Vote nodes, neo has \_Vote nodes? why they appear? Any ideas? possible some functionality of SDN - Fagoter Apr 8 at 23:21

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asked 4 months ago

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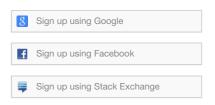
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