

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

1 post by 1 author 



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

```
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
```

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