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## spring data neo4j Failed to mark transaction as rollback only

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 stackoverflowcareers

asked 4 months ago

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```
org.neo4j.graphdb.TransactionFailureException: Failed to mark transaction as rollb
at org.neo4j.kernel.TopLevelTransaction.failure(TopLevelTransaction.java:86) ~[neo
at org.neo4j.cypher.internal.spi.v2_1.TransactionBoundQueryContext.close(Transacti
at org.neo4j.cypher.internal.compiler.v2_1.spi.DelegatingQueryContext.close(Delega
at org.neo4j.cypher.internal.compiler.v2_1.spi.ExceptionTranslatingQueryContext.or
at org.neo4j.cypher.internal.compiler.v2_1.spi.ExceptionTranslatingQueryContext$$a
at org.neo4j.cypher.internal.compiler.v2_1.spi.ExceptionTranslatingQueryContext$$a
at org.neo4j.cypher.internal.compiler.v2_1.spi.ExceptionTranslatingQueryContext$$a
at org.neo4j.cypher.internal.compiler.v2_1.spi.ExceptionTranslatingQueryContext.or
at org.neo4j.cypher.internal.compiler.v2_1.spi.ExceptionTranslatingQueryContext.cl
at org.neo4j.cypher.internal.compiler.v2_1.spi.DelegatingQueryContext.close(Delega
at org.neo4j.cypher.internal.compiler.v2_1.executionplan.ExecutionWorkflowBuilder$
at org.neo4j.cypher.internal.compiler.v2_1.executionplan.ExecutionWorkflowBuilder$
at org.neo4j.cypher.internal.compiler.v2_1.TaskCloser$$anonfun$1.apply(TaskCloser.
at org.neo4j.cypher.internal.compiler.v2_1.TaskCloser$$anonfun$1.apply(TaskCloser.
at scala.collection.TraversableLike$$anonfun$flatMap$1.apply(TraversableLike.scala
at scala.collection.immutable.List.foreach(List.scala:318) ~[scala-library-2.10.4.
at scala.collection.TraversableLike$class.flatMap(TraversableLike.scala:251) ~[sca
at scala.collection.AbstractTraversable.flatMap(Traversable.scala:105) ~[scala-lib
at org.neo4j.cypher.internal.compiler.v2_1.TaskCloser.close(TaskCloser.scala:40) ~
at org.neo4j.cypher.internal.compiler.v2_1.ClosingIterator$$anonfun$close$1.apply$
at org.neo4j.cypher.internal.compiler.v2_1.ClosingIterator$$anonfun$close$1.apply(
at org.neo4j.cypher.internal.compiler.v2_1.ClosingIterator$$anonfun$close$1.apply(
at org.neo4j.cypher.internal.compiler.v2_1.ClosingIterator$$anonfun$translateExcep
at org.neo4j.cypher.internal.compiler.v2_1.ClosingIterator.decoratedCypherExceptio
at org.neo4j.cypher.internal.compiler.v2_1.ClosingIterator.translateException(Clos
at org.neo4j.cypher.internal.compiler.v2_1.ClosingIterator.close(ClosingIterator.s
at org.neo4j.cypher.internal.compiler.v2_1.ClosingIterator$$anonfun$failIfThrows$1
at org.neo4j.cypher.internal.compiler.v2_1.ClosingIterator.decoratedCypherExceptio
```

```

at org.neo4j.cypher.internal.compiler.v2_1.ClosingIterator.failIfThrows(ClosingIte
at org.neo4j.cypher.internal.compiler.v2_1.ClosingIterator.hasNext(ClosingIterator
at org.neo4j.cypher.internal.compiler.v2_1.PipeExecutionResult.hasNext(PipeExecuti
at scala.collection.Iterator$$anon$11.hasNext(Iterator.scala:327) ~[scala-library-
at scala.collection.convert.Wrappers$IteratorWrapper.hasNext(Wrappers.scala:29) ~[
at org.neo4j.cypher.internal.compiler.v2_1.PipeExecutionResult$$anon$1.hasNext(Pip
at org.neo4j.helpers.collection.IteratorWrapper.hasNext(IteratorWrapper.java:42) ~

```

my repository

```

package com.oberon.fm.repository;

public interface MovieRepository extends GraphRepository<Movie> {
    Movie findById(String id);
    @Query("MATCH (movie:Movie) WHERE movie.title =~ '(?i).*{0}.*' RETURN movie")
    Iterable<Movie> findByTitleLike(String title);
    @Query("start user=node({0}) " + " match user-[r:RATED]->movie<-[r2:RATED]-other-[r3
        + " where r.stars >= 3 and r2.stars >= r.stars and r3.stars >= r.stars "
        + " return otherMovie, avg(r3.stars) as rating, count(*) as cnt" + " order b
        + " limit 10")
    List<MovieRecommendation> getRecommendations(User user);

```

} my controller

```

@RequestMapping(value = "/movies", method = RequestMethod.GET, headers = "Accept=te
public String findMovies(Model model, @RequestParam("q") String query) {
    if (query != null && !query.isEmpty()) {
        //Page<Movie> movies = movieRepository.findByTitleLike(query, new PageRe
        Iterable<Movie> movies = movieRepository.findByTitleLike(query);
        log.debug("==== query result =====" + movies);
        model.addAttribute("movies", IteratorUtil.asCollection(movies));
    } else {
        model.addAttribute("movies", Collections.emptyList());
    }
    model.addAttribute("query", query);
    //addUser(model);
    return "/movies/list";
}

```

my movie entity

```

@Entity
public class Movie {
    @GraphId
    Long nodeId;

    @Indexed(indexType = IndexType.FULLTEXT, indexName = "id")
    String id;

    @Indexed(indexType = IndexType.FULLTEXT, indexName = "search")
    String title;
}

```

where is wrong?would i need service to calling repository,i try and use @Transactional,but it does not work well too.thank for help ,if you have some idea,please tell me !

```

09:49:36.895 [http-nio-8080-exec-2] DEBUG      o.s.web.servlet.DispatcherServlet -
09:49:36.901 [http-nio-8080-exec-2] DEBUG o.s.w.s.m.a.DefaultAnnotationHandlerMappin
09:49:36.904 [http-nio-8080-exec-2] DEBUG o.s.web.servlet.DispatcherServlet - Last-M
09:49:36.927 [http-nio-8080-exec-2] DEBUG o.s.w.b.a.s.HandlerMethodInvoker - Invokin

09:49:36.938 [http-nio-8080-exec-2] DEBUG o.s.t.jta.JtaTransactionManager - Creating
09:49:36.942 [http-nio-8080-exec-2] DEBUG o.s.d.n.s.q.CypherQueryEngineImpl - Execut
09:49:37.006 [http-nio-8080-exec-2] DEBUG o.s.t.jta.JtaTransactionManager - Initiati
09:49:37.007 [http-nio-8080-exec-2] DEBUG c.o.fm.controller.MovieController - =====
09:49:37.036 [http-nio-8080-exec-2] DEBUG o.s.w.s.m.a.AnnotationMethodHandlerExcepti
09:49:37.039 [http-nio-8080-exec-2] DEBUG o.s.w.s.m.a.ResponseStatusExceptionHandlerResolve
09:49:37.039 [http-nio-8080-exec-2] DEBUG o.s.w.s.m.s.DefaultHandlerExceptionHandlerResolve
09:49:37.047 [http-nio-8080-exec-2] DEBUG o.s.web.servlet.DispatcherServlet - Could

```

this is my log when i calling movies?q=sky,(i have three movies sky,sky1,sky2,i want to search sky it shows all three),i add a log.debug after calling cypher i found when excute cypher,it returnn org.springframework.data.neo4j.conversion.QueryResultBuilder@10c2631,is it problem here?


















neo4j spring-data-neo4j

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edited Apr 8 at 2:03

asked Apr 7 at 6:15

yang  
45 ● 8

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-  My 4.5 yrs old son has no dominant hand
-  Using Emergency Fund to Sell Upside-down Car

- 1 Have you tried wrapping the request in a transaction, it'll be required for reading the movies? Also I think that you will have to build the regex and pass it in to the repository method (rather than build it on the fly) so the query becomes `WHERE movie.title =~ {0}` and the argument is `"(?i).*" + query + ".*"`. – [JohnMark13](#) Apr 7 at 12:02
- Ewww....OP may or may not be doing something wrong here, but if you can make an internal kernel class throw a `NullPointerException`, you're probably also dealing with a bug in neo4j, right? – [FrobberOfBits](#) Apr 7 at 15:09
- can you provide the omitted frames from the stacktrace? – [Michael Hunger](#) Apr 7 at 21:34
- thanks for answering my question,@JohnMark13@FrobberOfBits @ Michael Hunger,i am new learner of neo4j,this is my first example.i had add some log info ,i think something may wrong when running cypher,but what shoud i do? – [yang](#) Apr 8 at 2:09
- i think i have solve my problem.i change `Iterable<Movie>` to `List<Movie>`,it works well,but i dont konw why.By the way,my cypher have a little problem,when i search sky2,it return all(sky,sky1,sky2),it is not my need^~^ – [yang](#) Apr 8 at 3:53

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