stackoverfloooooooow

Questions   Tags   Users   Badges   Unanswered   Ask Question

Ten. Million. Questions. Let's celebrate all we've done together.

Stack Overflow is a question and answer site for professional and enthusiast programmers. It's 100% free.   Take the 2-minute tour   ✕

java.lang.Long cannot be cast to org.neo4j.index.impl.lucene.RelationshipId

▲
1
▼
★

The problem I have is with Neo4J-entreprise version 2.2.0RC-01. One of our relationship has a property named Search_Field. This property is AutoIndex (as configured in the neo4j-server.properties file) and is fulltext (lucene). When we update such property with a value that is exactly the same as the previous (e.g.: Search_Field = 'ABC') When we do :

```
START r1=relationship(137)
SET r1.Search_Field = 'ABC'
RETURN r1
```

This error occured :

```
java.lang.Long cannot be cast to org.neo4j.index.impl.lucene.RelationshipId
```

If we change the value (BCE instead of ABC), it is working !. If we do the same thing on a node's property that is also AutoIndex - fulltext - lucene, it is working and no problem occurs.

Anyone has encountered a similar problem ?

Here is the stack trace:
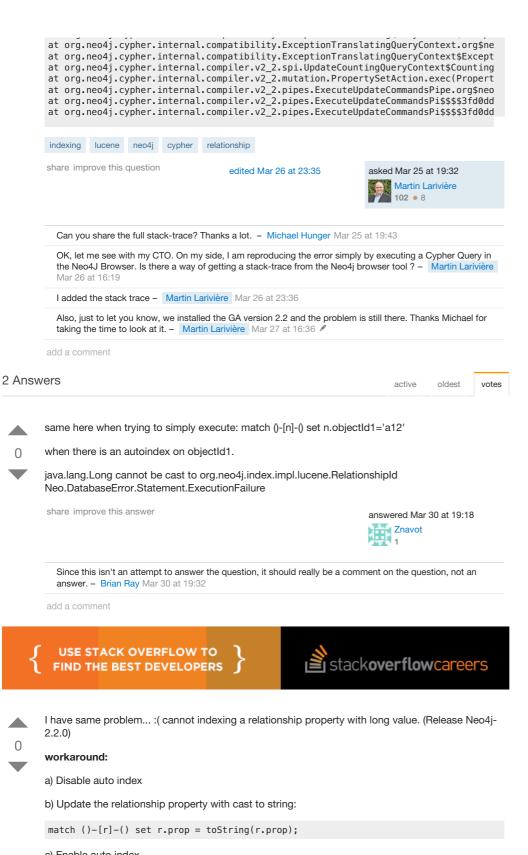
```
java.lang.ClassCastException: java.lang.Long cannot be cast to org.neo4j.index.imp
at org.neo4j.index.impl.lucene.RelationshipId.equals(RelationshipId.java:43)
at java.util.HashMap.removeEntryForKey(HashMap.java:653)
at java.util.HashMap.remove(HashMap.java:635)
at java.util.HashSet.remove(HashSet.java:233)
at org.neo4j.index.impl.lucene.ExactTxData.remove(ExactTxData.java:157)
at org.neo4j.index.impl.lucene.TxDataHolder.remove(TxDataHolder.java:48)
at org.neo4j.index.impl.lucene.LuceneTransactionState.insert(LuceneTransactionStat
at org.neo4j.index.impl.lucene.LuceneTransactionState.add(LuceneTransactionState.j
at org.neo4j.index.impl.lucene.LuceneIndex$RelationshipIndex.addRelationship(Lucen
at org.neo4j.kernel.impl.api.StateHandlingStatementOperations$3.visit(StateHandlin
at org.neo4j.kernel.impl.api.store.CacheLayer.relationshipVisit(CacheLayer.java:48
at org.neo4j.kernel.impl.api.StateHandlingStatementOperations.relationshipVisit(St
at org.neo4j.kernel.impl.api.StateHandlingStatementOperations.relationshipAddToLeg
at org.neo4j.kernel.impl.api.OperationsFacade.relationshipAddToLegacyIndex(Operati
at org.neo4j.kernel.impl.coreapi.LegacyIndexProxy$Type$2.add(LegacyIndexProxy.java
at org.neo4j.kernel.impl.coreapi.LegacyIndexProxy.internalAdd(LegacyIndexProxy.jav
at org.neo4j.kernel.impl.coreapi.LegacyIndexProxy.add(LegacyIndexProxy.java:390)
at org.neo4j.kernel.impl.coreapi.AbstractAutoIndexerImpl.propertyChanged(AbstractA
at org.neo4j.kernel.impl.api.LegacyPropertyTrackers.relationshipChangeStorepropert
at org.neo4j.kernel.impl.api.StateHandlingStatementOperations.relationshipSetPrope
at org.neo4j.kernel.impl.api.ConstraintEnforcingEntityOperations.relationshipSetPr
at org.neo4j.kernel.impl.api.LockingStatementOperations.relationshipSetProperty(Lo
at org.neo4j.kernel.impl.api.OperationsFacade.relationshipSetProperty(OperationsFa
at org.neo4j.cypher.internal.spi.v2_2.TransactionBoundQueryContext$RelationshipOpe
at org.neo4j.cypher.internal.compiler.v2_2.spi.DelegatingOperations.setProperty(De
at org.neo4j.cypher.internal.compatibility.ExceptionTranslatingQueryContext$Except
at org.neo4j.cypher.internal.compatibility.ExceptionTranslatingQueryContext$Except
at org.neo4j.cypher.internal.compatibility.ExceptionTranslatingQueryContext$Except
at org.neo4j.cypher.internal.compatibility.ExceptionTranslatingQueryContext$Except
```

asked   4 months ago
viewed   149 times
active   4 months ago

Blog

💬 Why Stack Overflow is a Good Workplace for Women

Related

2   UnsupportedOperationException while executing Cypher Query in Java to Neo4j Server

2   Error Updating Nodes in Neo4J via Rest

3   Order nodes by relationship count --> ThisShouldNotHappenError

1   scala.collection.JavaConversions$SeqWrapper cannot be cast to java.util.Set

0   How to return random records in Neo4j using Cypher?

0   Overcoming NullPointerException on Cypher Lucene query

2   Neo4j spatial - failure when executing Cypher query

0   Performance Issues with neo4j

1   Neo4j cannot read certain nodes. Throws NotFoundException. Corrupt database

1   neo4j cypher - Unable to execute query [400], 'StackOverflowError' exception

Hot Network Questions

```
    at org.neo4j.cypher.internal.compatibility.ExceptionTranslatingQueryContext.org$ne
    at org.neo4j.cypher.internal.compatibility.ExceptionTranslatingQueryContext$Except
    at org.neo4j.cypher.internal.compiler.v2_2.spi.UpdateCountingQueryContext$Counting
    at org.neo4j.cypher.internal.compiler.v2_2.mutation.PropertySetAction.exec(Propert
    at org.neo4j.cypher.internal.compiler.v2_2.pipes.ExecuteUpdateCommandsPipe.org$neo
    at org.neo4j.cypher.internal.compiler.v2_2.pipes.ExecuteUpdateCommandsPi$$$3fd0dd
    at org.neo4j.cypher.internal.compiler.v2_2.pipes.ExecuteUpdateCommandsPi$$$3fd0dd
```

`indexing`   `lucene`   `neo4j`   `cypher`   `relationship`

share improve this question

edited Mar 26 at 23:35

asked Mar 25 at 19:32

Martin Larivière
102 ● 8

Can you share the full stack-trace? Thanks a lot. – Michael Hunger Mar 25 at 19:43

OK, let me see with my CTO. On my side, I am reproducing the error simply by executing a Cypher Query in the Neo4J Browser. Is there a way of getting a stack-trace from the Neo4j browser tool ? – Martin Larivière Mar 26 at 16:19

I added the stack trace – Martin Larivière Mar 26 at 23:36

Also, just to let you know, we installed the GA version 2.2 and the problem is still there. Thanks Michael for taking the time to look at it. – Martin Larivière Mar 27 at 16:36 ✎

add a comment

2 Answers

active   oldest   **votes**

▲

0

▼

same here when trying to simply execute: match ()-[n]-() set n.objectId1='a12'

when there is an autoindex on objectId1.

java.lang.Long cannot be cast to org.neo4j.index.impl.lucene.RelationshipId
Neo.DatabaseError.Statement.ExecutionFailure

share improve this answer

answered Mar 30 at 19:18

Znavot
1

Since this isn't an attempt to answer the question, it should really be a comment on the question, not an answer. – Brian Ray Mar 30 at 19:32

add a comment

▲

0

▼

I have same problem... :(cannot indexing a relationship property with long value. (Release Neo4j-2.2.0)

workaround:

a) Disable auto index

b) Update the relationship property with cast to string:

```
match ()-[r]-() set r.prop = toString(r.prop);
```
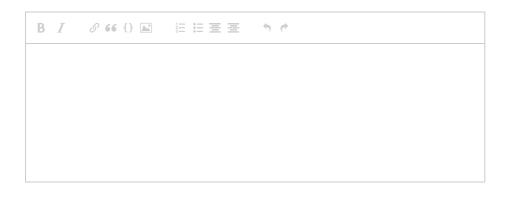
c) Enable auto index

d) Making the relationship property Indexing:

```
match ()-[r]-() set r.prop = r.prop;
```
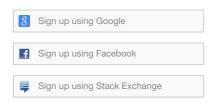
share improve this answer

answered Apr 4 at 20:00

Fernando Santos
11 ● 2

add a comment

Your Answer

B *I* 🔗 66 {} 🖼 ☰ ☰ ☰ ☰ ↶ ↷

Sign up or log in

Post as a guest

Name

Email

required, but never shown

Post Your Answer

By posting your answer, you agree to the privacy policy *and* terms of service.

Not the answer you're looking for? Browse other questions tagged indexing lucene neo4j cypher relationship or ask your own question.

📶 question feed