

New issue

bHacklv opened this issue 14 days ago · 2 comments



Result::columnAs(String name) JavaDocs point out that it has to throw **org.neo4j.graphdb.NotFoundException** *when the column name does not appear in the original query.*

If I try to do

where [column] is set as "m"

it returns empty iterator instead. The bug must be somewhere in **scala** after `ExecutionResult::columnAs(String n)` call, as it is transforming scala object to java...



A bit more info on this issue.

Code example:

```
try (Transaction tx = db.beginTx()) {
    String query = "MATCH (n)-[r]->() RETURN n,r";
    try (Result queryResult = db.execute(query)) {
        try(ResourceIterator<Node> objectResourceIterator = queryResult.columnAs("nonexisting")) {
            // do nothing
        }
    }
    tx.success();
}
```

JavaDoc for `columnAs()` states that:

None yet

No milestone

No one assigned

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```
/**
 * @throws org.neo4j.graphdb.NotFoundException when the column name does not appear in the original query
 */
```

But, we receive:

```
java.lang.Exception: Unexpected exception, expected but was
    at org.junit.internal.runners.statements.ExpectException.evaluate(ExpectException.java:28)
    at org.junit.internal.runners.statements.RunBefores.evaluate(RunBefores.java:26)
    at org.junit.internal.runners.statements.RunAfters.evaluate(RunAfters.java:27)
    at org.junit.runners.ParentRunner.runLeaf(ParentRunner.java:325)
    at org.junit.runners.BlockJUnit4ClassRunner.runChild(BlockJUnit4ClassRunner.java:78)
    at com.neueda.neo4j.driver.tests.integration.util.runner.IntegrationTestRunner.gentlyRunChild(IntegrationTestRunner.java:107)
    at com.neueda.neo4j.driver.tests.integration.util.runner.IntegrationTestRunner.runChild(IntegrationTestRunner.java:76)
    at com.neueda.neo4j.driver.tests.integration.util.runner.IntegrationTestRunner.runChild(IntegrationTestRunner.java:31)
    at org.junit.runners.ParentRunner$3.run(ParentRunner.java:290)
    at org.junit.runners.ParentRunner$1.schedule(ParentRunner.java:71)
    at org.junit.runners.ParentRunner.runChildren(ParentRunner.java:288)
    at org.junit.runners.ParentRunner.access$000(ParentRunner.java:58)
    at org.junit.runners.ParentRunner$2.evaluate(ParentRunner.java:268)
    at org.junit.runners.ParentRunner.run(ParentRunner.java:363)
    at org.junit.runner.JUnitCore.run(JUnitCore.java:137)
    at com.intellij.junit4.JUnit4IdeaTestRunner.startRunnerWithArgs(JUnit4IdeaTestRunner.java:78)
    at com.intellij.rt.execution.junit.JUnitStarter.prepareStreamsAndStart(JUnitStarter.java:212)
    at com.intellij.rt.execution.junit.JUnitStarter.main(JUnitStarter.java:68)
    at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)
    at com.intellij.rt.execution.application.AppMain.main(AppMain.java:140)
Caused by: org.neo4j.cypher.internal.compiler.v2_3.EntityNotFoundException
    at org.neo4j.cypher.internal.compiler.v2_3.PipeExecutionResult$$anon$$$99d1a0b12a354489c77d6a81a41a999$$$nResult$$getAnyColumn$1.apply(PipeExecutionResult.scala:85)
    at org.neo4j.cypher.internal.compiler.v2_3.PipeExecutionResult$$anon$$$99d1a0b12a354489c77d6a81a41a999$$$nResult$$getAnyColumn$1.apply(PipeExecutionResult.scala:85)
    at scala.collection.MapLike$class.getOrElse(MapLike.scala:128)
    at scala.collection.AbstractMap.getOrElse(Map.scala:58)
    at org.neo4j.cypher.internal.compiler.v2_3.PipeExecutionResult.org$neo4j$cypher$internal$compiler$v2_3$PipeExecutionResult$$getAnyColumn(PipeExecutionResult.scala:84)
    at org.neo4j.cypher.internal.compiler.v2_3.PipeExecutionResult$$anon$1.next(PipeExecutionResult.scala:61)
    at org.neo4j.cypher.javacompat.ExecutionResult$ExceptionConversion.next(ExecutionResult.java:336)
    at com.google.common.collect.Iterators.addAll(Iterators.java:362)
    at com.google.common.collect.Lists.newArrayList(Lists.java:160)
    at com.neueda.neo4j.driver.tests.integration.util.helpers.DatabaseHelper.executeTypedCypher(DatabaseHelper.java:139)
    at com.neueda.neo4j.driver.tests.integration.cypher.ExecuteTest.testThrowNotFoundExceptionWhenColumnNotFound(ExecuteTest.java:330)
    at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
    at org.junit.runners.model.FrameworkMethod$1.runReflectiveCall(FrameworkMethod.java:50)
    at org.junit.internal.runners.model.ReflectiveCallable.run(ReflectiveCallable.java:12)
    at org.junit.runners.model.FrameworkMethod.invokeExplosively(FrameworkMethod.java:47)
    at org.junit.internal.runners.statements.InvokeMethod.evaluate(InvokeMethod.java:17)
    at org.junit.internal.runners.statements.ExpectException.evaluate(ExpectException.java:19)
    ... 22 more
```



cleishm commented 9 days ago

Owner

Hi @bHackiv (& @FylmTM),

Thanks for reporting this issue. I've triaged it to our team and we'll look into it.

Cheers,



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