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## HOW to MERGE in neo4j using JAVA



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Hi I am trying to insert two properties of a node....I am trying like below.. I am trying to add two properties to CUSTOMER NODE 1.name and 2.TOTAL\_CALL\_DURATION  
How can I add two properties

```
try ( Transaction tx = graphDb.beginTx() )
{
    String queryString = "MERGE (n:CUSTOMER {name:{name},TOTAL_CALL_DURA
    Map<String, Object> callerProperties = new HashMap<>();
    callerProperties.put( "name", callerName );
    callerProperties.put("TOTAL_CALL_DURATION", 120);
    resultIterator_caller = execEngine.execute( queryString, callerPropert
    tx.success();
}
```

The error I am getting like below:


```
Exception in thread "main" org.neo4j.cypher.ParameterNotFoundException: Expected a
at org.neo4j.cypher.internal.compiler.v2_1.pipes.QueryState$$anonfun$getParam$
at org.neo4j.cypher.internal.compiler.v2_1.pipes.QueryState$$anonfun$getParam$
at scala.collection.MapLike$class.getOrElse(MapLike.scala:128)
at scala.collection.AbstractMap.getOrElse(Map.scala:58)
at org.neo4j.cypher.internal.compiler.v2_1.pipes.QueryState.getParam(QueryStat
at org.neo4j.cypher.internal.compiler.v2_1.commands.expressions.ParameterExpre
at org.neo4j.cypher.internal.compiler.v2_1.helpers.PropertySupport$$anonfun$fi
at org.neo4j.cypher.internal.compiler.v2_1.helpers.PropertySupport$$anonfun$fi
at scala.collection.TraversableOnce$$anonfun$collectFirst$1.apply(Traversable0
at scala.collection.TraversableOnce$$anonfun$collectFirst$1.apply(Traversable0
at scala.collection.Iterator$class.foreach(Iterator.scala:727)
at scala.collection.AbstractIterator.foreach(Iterator.scala:1157)
at scala.collection.TraversableOnce$class.collectFirst(TraversableOnce.scala:1
at scala.collection.AbstractTraversable.collectFirst(Traversable.scala:105)
at org.neo4j.cypher.internal.compiler.v2_1.helpers.PropertySupport$.firstNullP
at org.neo4j.cypher.internal.compiler.v2_1.mutation.MergeNodeAction.ensureNoNu
at org.neo4j.cypher.internal.compiler.v2_1.mutation.MergeNodeAction.exec(Merge
at org.neo4j.cypher.internal.compiler.v2_1.pipes.ExecuteUpdateCommandsPipe.org
at org.neo4j.cypher.internal.compiler.v2_1.pipes.ExecuteUpdateCommandsPi$$$10
at org.neo4j.cypher.internal.compiler.v2_1.pipes.ExecuteUpdateCommandsPi$$$10
at scala.collection.Iterator$$anon$13.hasNext(Iterator.scala:371)
at scala.collection.Iterator$$anon$13.hasNext(Iterator.scala:371)
at org.neo4j.cypher.internal.compiler.v2_1.ClosingIterator$$anonfun$hasNext$1.
at org.neo4j.cypher.internal.compiler.v2_1.ClosingIterator$$anonfun$hasNext$1.
at org.neo4j.cypher.internal.compiler.v2_1.ClosingIterator$$anonfun$hasNext$1.
at org.neo4j.cypher.internal.compiler.v2_1.ClosingIterator$$anonfun$failIfThro
at org.neo4j.cypher.internal.compiler.v2_1.ClosingIterator.decoratedCypherExce
at org.neo4j.cypher.internal.compiler.v2_1.ClosingIterator.failIfThrows(Closin
at org.neo4j.cypher.internal.compiler.v2_1.ClosingIterator.hasNext(ClosingIter
```

asked 4 months ago

viewed 35 times

active 4 months ago









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```

at scala.collection.Iterator$class.foreach(Iterator.scala:727)
at org.neo4j.cypher.internal.compiler.v2_1.ClosingIterator.foreach(ClosingIter
at scala.collection.generic.Growable$class.$plus$plus$eq(Growable.scala:48)
at scala.collection.mutable.ListBuffer.$plus$plus$eq(ListBuffer.scala:176)
at scala.collection.mutable.ListBuffer.$plus$plus$eq(ListBuffer.scala:45)
at scala.collection.TraversableOnce$class.to(TraversableOnce.scala:273)
at org.neo4j.cypher.internal.compiler.v2_1.ClosingIterator.to(ClosingIterator.

```

neo4j

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asked Apr 10 at 9:27

 Aman

623 ● 3 ● 18

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2



There's nothing wrong with your code, I've converted it into a self-contained `groovy` script running fine without any errors.

Try to provide a minimal viable testcase showing the error you're observing

For reference, here's the script:

```

@Grapes([
@Grab(group="org.neo4j", module="neo4j-kernel", version="2.1.8", classifier="tests
@Grab(group="org.neo4j", module="neo4j-kernel", version="2.1.8"),
@Grab(group="org.neo4j", module="neo4j-cypher", version="2.1.8")
])
import org.neo4j.test.TestGraphDatabaseFactory
import org.neo4j.cypher.javacompat.ExecutionEngine
import org.neo4j.helpers.collection.IteratorUtil

def graphDb = new TestGraphDatabaseFactory().newImpermanentDatabaseBuilder().newGr
def executionEngine = new ExecutionEngine(graphDb)

def resultIterator_caller
def tx = graphDb.beginTx()
try {
String queryString = "MERGE (n:CUSTOMER {name:{name}},TOTAL_CALL_DURATION:{TOTA
Map<String, Object> callerProperties = new HashMap<>();
callerProperties.put("name", "abc" );
callerProperties.put("TOTAL_CALL_DURATION", 120);
resultIterator_caller = executionEngine.execute( queryString, callerProperties
tx.success()
} finally {
tx.close()
}

// we need another tx to consume the result (since we're returning node instances)
transaction = graphDb.beginTx()
try {
assert resultIterator_caller.hasNext()
def nextNode = resultIterator_caller.next()
assert nextNode.getProperty("name",null) == "abc"
assert nextNode.getProperty("TOTAL_CALL_DURATION",null) == 120
assert !resultIterator_caller.hasNext()
tx.success()
} finally {
tx.close()
}
}

```

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answered Apr 10 at 10:30



Stefan Armbruster

23.1k ● 2 ● 28 ● 51


Thanks Stefan.....I found the issue.....appreciate your help.. - Aman Apr 10 at 10:39

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Your Answer

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 Noun form of "extant"?


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