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## Expected a column named toString to be in the result set

\$ git push origin **stackoverflowcareers** 



i want to user neo4j write Recommendations,micha has 2 friends,they all have rated movies,i white cypher to search ,but it went wrroing,why?hope someone can help me ,it disturb me for long error info


```
org.springframework.data.neo4j.support.conversion.NoSuchColumnFoundException: Expe
at org.springframework.data.neo4j.support.conversion.ResultColumnValueExtractor.ex
at org.springframework.data.neo4j.support.conversion.ResultColumnValueExtractor.ex
at org.springframework.data.neo4j.support.conversion.QueryResultProxy.invoke(Query
at com.sun.proxy.$Proxy128.toString(Unknown Source) ~[na:na]
at java.lang.String.valueOf(String.java:2979) ~[na:1.8.0_05]
at java.lang.StringBuilder.append(StringBuilder.java:131) ~[na:1.8.0_05]
at java.util.AbstractCollection.toString(AbstractCollection.java:462) ~[na:1.8.0_0
at java.lang.String.valueOf(String.java:2979) ~[na:1.8.0_05]
at java.lang.StringBuilder.append(StringBuilder.java:131) ~[na:1.8.0_05]
at com.oberon.fm.controller.UserController.profile(UserController.java:49) ~[UserC
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) ~[na:1.8.0_05]
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) ~
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.ja
at java.lang.reflect.Method.invoke(Method.java:483) ~[na:1.8.0_05]
at org.springframework.web.servlet.mvc.annotation.support.HandlerMethodInvoker.invokeHand
at org.springframework.web.servlet.mvc.annotation.AnnotationMethodHandlerAdapter.i
at org.springframework.web.servlet.mvc.annotation.AnnotationMethodHandlerAdapter.h
at org.springframework.web.servlet.DispatcherServlet.doDispatch(DispatcherServlet.
at org.springframework.web.servlet.DispatcherServlet.doService(DispatcherServlet.j
at org.springframework.web.servlet.FrameworkServlet.processRequest(FrameworkServlet
at org.springframework.web.servlet.FrameworkServlet.doGet(FrameworkServlet.java:85
at javax.servlet.http.HttpServlet.service(HttpServlet.java:618) [servlet-api.jar:n
at org.springframework.web.servlet.FrameworkServlet.service(FrameworkServlet.java:
at javax.servlet.http.HttpServlet.service(HttpServlet.java:725) [servlet-api.jar:n
at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFil
at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain
at org.apache.tomcat.websocket.server.WsFilter.doFilter(WsFilter.java:52) [tomcat-
at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFil
at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain
```

asked 4 months ago

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```

at org.springframework.web.filter.CharacterEncodingFilter.doFilterInternal(Charact
at org.springframework.web.filter.OncePerRequestFilter.doFilter(OncePerRequestFilt
at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFil
at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain
at org.apache.catalina.core.StandardWrapperValve.invoke(StandardWrapperValve.java:
at org.apache.catalina.core.StandardContextValve.invoke(StandardContextValve.java:
at org.apache.catalina.authenticator.AuthenticatorBase.invoke(AuthenticatorBase.ja

```

my controller

```

@RequestMapping(value = "/user", method = RequestMethod.GET)
public String profile(Model model){
    User user=populator.FindByLogin("micha");
    model.addAttribute("user", user);
    model.addAttribute("recommendations", movieRepository.getRecommendations(user));
    log.debug("==== recommendations ====="+movieRepository.getRecommendations(user)

    return "user/index";
}

```

my repository

```

@Query( "start user=node({0}) " +
" match user-[r:RATED]->movie<-[r2:RATED]-other-[r3:RATED]->otherMovie "
+ " 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 by rating desc, cnt desc" + " limit 10")
List<MovieRecommendation> getRecommendations(User user);

```

my movieRecommendation class

```

package com.oberon.fm.domain;

import org.springframework.data.neo4j.annotation.MapResult;
import org.springframework.data.neo4j.annotation.ResultColumn;
@MapResult
public interface MovieRecommendation {
    @ResultColumn("otherMovie")
    Movie getMovie();

    @ResultColumn("rating")
    int getRating();
}

```

new MovieRecommendation.class and cypher

```

package com.oberon.fm.domain;

import org.springframework.data.neo4j.annotation.QueryResult;
@QueryResult
public class MovieRecommendation {

    Movie movie;
    int rating;
}

```

repository method:

```

@Query("match (user:User {login: {0}})-[r:RATED]->(movie)<-[r2:RATED]-(other)-[r3:RA
+ " where r.stars >= 3 and r2.stars >= r.stars and r3.stars >= r.stars "
+ " with otherMovie, avg(r3.stars) as rating, count(*) as cnt"
+ " order by rating desc, cnt desc"
+ " return otherMovie limit 10")
List<MovieRecommendation> getRecommendations(User user);

```

when i log the MovieRecommendation, it return ===== recommendations ===== []

neo4j cypher spring-data-neo4j

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edited Apr 18 at 17:00



Michael Hunger  
25.2k ● 2 ● 21 ● 41

asked Apr 13 at 9:27



yang  
45 ● 8

what does your `MovieRecommendation` class look like? – Michael Hunger Apr 13 at 10:36

i have uploaded the recommendation, i am so appeicated that you help me for serval times duiring my learning-neo4j, – yang Apr 14 at 0:57

Michael, i have another problem, if you have time, please went to have a look [stackoverflow.com/questions/29505787/...](https://stackoverflow.com/questions/29505787/...) – yang Apr 14 at 1:13

i have solved the problem by changing the class and cypher, but i still cant getRecommendation, i have uploaded the code and log, where is wrong? – yang Apr 14 at 5:11

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Antonym of Overlap?

Does touching the tent outer wall from the inside make it leak?

For loop formatting

Manager sounds upset every time I inform him of a (minor) obstacle

Using siunitx, \ohm results in an italic Omega

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Why are my tomatoes cracking and what can I do?

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If static methods can't be overridden, how its working here (For Java)?

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Can a plane fly backward if its prop's in reverse?

1 Answer

active oldest votes



What you return has to match the class structure of the class annotated with `@QueryResult`, it has movie and rating, you only return a movie:

1



Change your return clause to this:

```
return otherMovie as movie, rating
```

share improve this answer

answered Apr 18 at 17:01



[Michael Hunger](#)  
25.2k ● 2 ● 21 ● 41

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