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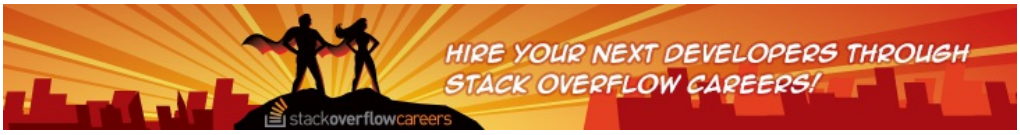
org.springframework.dao.InvalidDataAccessApiUsageException: Can lookup label based property from legacy index



asked 4 months ago

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1

i create a neo4jdb,when i lookup data,it meet proplems,i use spring-data-neo4j:3.2.2.RELEASE'. it seems problem is this"User loginUser = template.lookup(User.class,"login",userName).to(User.class).singleOrNull();" but how to revise it,helpme thanks a lot!! error info:

```
org.springframework.dao.InvalidDataAccessApiUsageException: Can lookup label based

at org.springframework.data.neo4j.support.Neo4jTemplate.getIndex(Neo4jTemplate.jav
at org.springframework.data.neo4j.support.Neo4jTemplate.lookup(Neo4jTemplate.java:
at com.oberon.fm.neo4j.service.DatabasePopulator.loginCheck(DatabasePopulator.java
at com.oberon.fm.neo4j.service.DatabasePopulator$$FastClassBySpringCGLIB$$c9138765
at org.springframework.cglib.proxy.MethodProxy.invoke(MethodProxy.java:204)
at org.springframework.aop.framework.CglibAopProxy$DynamicAdvisedInterceptor.inter
at com.oberon.fm.neo4j.service.DatabasePopulator$$EnhancerBySpringCGLIB$$9a39b11a.
at com.oberon.fm.controller.AuthController.loginCheck(AuthController.java:38)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.ja
at java.lang.reflect.Method.invoke(Method.java:483)
at org.springframework.web.bind.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(FrameworkServle
at org.springframework.web.servlet.FrameworkServlet.doPost(FrameworkServlet.java:8
at javax.servlet.http.HttpServlet.service(HttpServlet.java:644)
at org.springframework.web.servlet.FrameworkServlet.service(FrameworkServlet.java:
at javax.servlet.http.HttpServlet.service(HttpServlet.java:725)
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)
at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(ApplicationFil
at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationFilterChain
at org.springframework.web.filter.CharacterEncodingFilter.doFilterInternal(Charact
```

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1 lucene index lookup query slower than where clause based query for more data

```
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
at org.apache.catalina.core.StandardHostValve.invoke(StandardHostValve.java:142)
```

my code:

```
public boolean loginCheck(String userName,String password) {
    boolean rtn = false;
    GraphDatabaseService graphDb = template.getGraphDatabaseService();
    System.out.println("0");
    Transaction tx = graphDb.beginTx();
    System.out.println("1");
    try {
        System.out.println("2");
        User loginUser = template.lookup(User.class,"login",userName).to(User.class)
        System.out.println("3");
        String userPassword = loginUser.getPassword();
        System.out.println(userPassword);

        if (new Md5PasswordEncoder().encodePassword(password, User.SALT).equals(user
            rtn = true;

        }
        tx.success();
    } catch (Exception e) {
        // TODO Auto-generated catch block
        e.printStackTrace();
    }finally{
        tx.close();
    }
 return rtn;

}
```

neo4j spring-data-neo4j

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asked Mar 25 at 11:40
yang
45 ● 8

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2 Answers

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1

We're in the process of upgrading to the latest SDN version. Having the same problem when we call repository.findByPropertyValue so I'll just be replacing it with a Cypher query.

share improve this answer

answered Mar 27 at 14:33
Jonathan Crosmer
325 ● 1 ● 14

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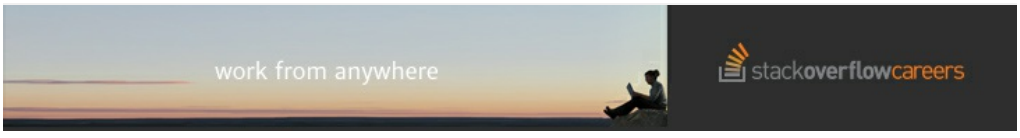

0 How can I find the Neo4J Index Key's for Indexes created on nodes using Spring Data?
1 neo4j and cypher - process nodes in order based on a property value
2 Index name for class java.lang.String name rel: false idx: true must differ from the default name (SDN 3.0)
0 Implementing NodeEntity base class, implications of the Labels
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5 Neo4j 1.9.9 legacy index very slow after deletes
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Prove the theorem on analytic geometry in the picture.

findByPropertyValue is deprecated now, just add methods like

0

```
User findUserByUsername(String username) to the repository and use it
```

share improve this answer

answered Apr 2 at 10:18

Armen Arzumanyan

379 ● 2 ● 15

I do not know well about how to use repository,could you please give me a example?Thank you very much! – yang Apr 3 at 3:05

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