Title: Neo4jSession Error when trying to retrieve data from Neo4jRepository published on docker[ONLY DOCKER ISSUE]

Post Body:

I'm using docker to publish my spring-boot application with neo4j and mssql database.

I'm getting an exception *500:Internal Server Error* when I'm trying to retrieve data from Neoj4Repository, however the exception occurs only when the application published on docker. When I'm starting spring-boot application inside Intellij Idea everything is fine. When it's published to the docker-compose Neo4jRepository **Optional findById()** throws NullPointerException and other methods **CollectionfindFriendsById()** throw ArrayIndexBoundException. Furthermore when I'm trying to find my data in Neo4jBrowser http://localhost:7474/browser/ - it works great. I see all data in my database, besides every query is successful. I'm attaching the code and config files. I would be very grateful if you could help me with my trouble. Please don't hesitate to give me any idea. Thanks a lot.

I've tried to use neo4j database inside docker-compose with my application instance.

[Edited]: As I understood spring-boot-app doesn't see *neo4j* server overall. However the app communicates with *mssql* successfully, they are both on localhost.

My **docker-compose.yaml file:**

```
version: '3' services:  docker-neo4j:    image: neo4j:3.5.5    ports:     - '7474:7474'    - '7687:7687'     volumes:
```

DockerFile for app

```
FROM openjdk:8-jdk-alpine COPY ./target/current-*.jar /usr/app/current-build.jar WORKDIR /usr/app ENTRYPOINT ['java','-jar','c
```

application.properties file

```
spring.datasource.url=jdbc:sqlserver://localhost;database=dbForMe spring.datasource.username=SA spring.datasource.password=pas
```

Repository/service/controller

```
 @Repository public interface Neo4jUserRepository extends Neo4jRepository<NeoUser, Long> {      Optional<NeoUser> findByUuid(S
```

pom.xml

```
 <?xml version='1.0' encoding='UTF-8'?> <project xmlns='http://maven.apache.org/POM/4.0.0' xmlns:xsi='http://www.w3.org/2001/X
```

```
docker-current-app_1  | 2019-05-05 20:33:43.684  INFO 1 --- [nio-8080-exec-1] c.b.c.service.RelationshipsService       : Getti
```

Accepted Answer:

I had the same issue. It appeared that server had some old Oracle JDK. When I installed a newer OpenJDK package (change like 1.8.0_141 -> 1.8.0_222), problem disappeared.

Highest Rated Answer: None