

Fwd: Question about your example "EmbeddedNeo4j.java" from your webpage

2 posts by 2 authors  



Hank Taylor

Apr 23



Other recipients: in...@neotechnology.com, peter...@daimler.com

Hi Peter,

I'm forwarding your message on to our Google Group who should be able to address it better than I can here. Best of luck!

Hank

----- Forwarded message -----

From: <peter...@daimler.com>

Date: Thu, Apr 23, 2015 at 7:56 AM

Subject: Question about your example "EmbeddedNeo4j.java" from your webpage

To: in...@neotechnology.com

Hello,

I downloaded and installed the neo4j community edition.

My current aim is, to get a simple example on how to use neo4j with embedded java to run.

Therefore, I am looking on your documentation and especially the "HelloWorld" example (Program name: EmbeddedNeo4j.java) (<http://neo4j.com/docs/stable/tutorials-java-embedded-hello-world.html>).

I want to compile and run this small example on the command line (cmd) using a JDK and including your libraries.

I have some questions:

- Setting up the environment

I want to identify the needed libs (jar-files) and include them in my javac / java call.

According to <http://neo4j.com/docs/stable/tutorials-java-embedded-setup.html> I have to include the libraries from a lib directory.

But in the community edition 2.2.1 I do not find any lib directory. I searched for .jar and found

c:\Program Files (x86)\Neo4j Community\install4j\i4jruntime.jar

c:\Program Files (x86)\Neo4j Community\install4j\ user.jar

c:\Program Files (x86)\Neo4j Community\bin\neo4j-desktop-2.2.1.jar

They all do not include the class org.neo4j.graphdb.Direction, which is imported in the example.

I looked, which jar has class Direction included, and found different versions neo4j-kernel-“version”.jar, especially neo4j-kernel-2.2.1.jar;

```
javac -classpath d:\jars_neo4j\neo4j-kernel-2.2.1.jar;D:\Programme\Java\java_ee_sdk-7u1\glassfish4\glassfish\lib\javaee.jar;d:\jars_neo4j\neo4j-io-2.2.1.jar EmbeddedNeo4j.java
```

Generates the following error:

```
D:\devneo4j>
javac -classpath d:\jars_neo4j\neo4j-kernel-2.2.1.jar;D:\Programme\Java\java_ee_sdk-7u1\glassfish4\glassfish\lib\javaee.jar;d:\jars_neo4j\neo4j-io-2.2.1.jar EmbeddedNeo4j.java
EmbeddedNeo4j.java:25: cannot access org.neo4j.graphdb.Direction
bad class file: d:\jars_neo4j\neo4j-kernel-2.2.1.jar(org/neo4j/graphdb/Direction.class)
class file has wrong version 51.0, should be 49.0
Please remove or make sure it appears in the correct subdirectory of the classpath.
import org.neo4j.graphdb.Direction;
```

I extracted the kernel jar to a directory / subfolder and included directly the classed needed , no change.

- Your Example code, especially starting transactions

In your example (

You write:

```
try ( Transaction tx = graphDb.beginTx() )
{
    // Database operations go here

    tx.success();
}
```

Both of my jdks (1.7, 1.8) do not like that, I changed this part to the program code of a previous version, (see the yellow part change/insertion).

```
Transaction tx = graphDb.beginTx();
```


