

query timeout and neo4j web interface

5 posts by 2 authors 



Dan

May 6



Hello,

I have a question about enabling the query timeout option in neo4j 2.2.0

I added this to my neo4j.properties file:

execution_guard_enabled=true

And I added this line to my neo4j-server.properties file:

org.neo4j.server.webserver.limit.executiontime=1000

But when I run queries no timeout occurs as expected if they exceed 1 second. I'm running my queries in the neo4j web interface.

I have no clue what I could be doing wrong. Or does this feature not apply when running queries in web interface?

I have tried this on windows and also a Linux deployment with same results.

Thanks, Dan



Sumit Gupta

May 7



Hi,

Did this work in when you run the queries in neo4jshell? if not then check whether you are setting in right configuration file which is picked up by Neo4j.

Also check the total time taken by the queries on your neo4jshell and ensure that it is taking more than 1000 ms.

Thanks,
Sumit

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Dan

May 7



Thanks Sumit.

I just tested some more queries via neo4jshell (both in the web interface and also using the command line tool) with no timeout occurring. I'm running test queries that take around 6000-9000 ms.

And I verified that I added the commands to the proper config files, e.g.,

neo4j.properties file:

execution_guard_enabled=true

neo4j-server.properties file:

org.neo4j.server.webserver.limit.executiontime=1000

I even changed time to 500 and still nothing. I don't know if this has anything to do with it but I'm using the community edition of neo4j. So not sure if this timeout feature only works in enterprise version.

A sample neo4jshell output:

```
neo4j-sh (?)$ match n-[r]-() return distinct labels(n), type(r);
```

```
+-----+  
| labels(n) | type(r) |  
+-----+  
| ["Product"] | "OWN" |  
| ["User"] | "OWN" |  
+-----+
```

```
2 rows  
5872 ms
```

Dan

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Sumit Gupta

May 7



Guard works with community version too.

can you try using neo4jshell with "-config". My best guess is that it is not picking up the property.

Thanks,
Sumit

On Thursday, 7 May 2015 06:16:00 UTC+5:30, Dan wrote:

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Dan



May 8

I tried with the -config and same problem.

I did some more tinkering including setting time to 1000b and encountered a parameter formatting error on neo4j server startup as expected.

Maybe this was just confusion on my part. I assumed time is in ms, so 1000 would be 1 second, etc. But it works if I set value in seconds (e.g., 1, 2, 5, etc).

I did a lot of testing and it is definitely working in seconds on my system:

org.neo4j.server.webserver.limit.executiontime=5 (times out if my query runs longer than 5 seconds).
org.neo4j.server.webserver.limit.executiontime=10 (times out if my query runs longer than 10 seconds).

- neo4j-sh (?)\$ match n-[r]-() return distinct labels(n), type(r);
- ==> GuardTimeoutException: timeout occurred (overtime=1)
- neo4j-sh (?)\$
- *****

Thanks, Dan

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