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neo4j / neo4j

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# ArrayIndexOutOfBoundsException when turning off page cache 🐛

New issue

Closed

bachmannm opened this issue Mar 30, 2015 · 3 comments



bachmannm commented Mar 30, 2015

Try setting dbms.pagecache.memory=0 or some low number (1k), Neo4j 2.2.0 fails to start in all modes (embedded, server) with

```
java.lang.ArrayIndexOutOfBoundsException: 0
    at org.neo4j.io.pagecache.impl.muninn.MuninnPageCache.evictPages(MuninnPageCache.java:
    at org.neo4j.io.pagecache.impl.muninn.MuninnPageCache.continuouslySweepPages(MuninnPag
    at org.neo4j.io.pagecache.impl.muninn.EvictionTask.run(EvictionTask.java:39)
    at org.neo4j.io.pagecache.impl.muninn.BackgroundTask.run(BackgroundTask.java:45)
    at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1142)
    at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:617)
    at java.lang.Thread.run(Thread.java:745)
```

Labels

None yet

Milestone

No milestone

Assignee

No one assigned

3 participants



cleishm commented Mar 30, 2015

Owner

Hey Michal,

Great catch. I'll pass that along to our team.

To be clear though - you can't turn off the page cache. It's an essential part of Neo4j, as it does need to bring data off disk and into memory somewhere :) Likely there should be a minimum size that the configuration allows.

Cheers,  
Chris



bachmannm commented Mar 30, 2015

Fair enough. This was for perf testing to show differences between reading data from disk, from low-level cache, and high-level cache...

Cheers!



chrisvest commented Apr 13, 2015

Collaborator

This will be fixed in #4418



chrisvest closed this Apr 13, 2015

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