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how to visualize the complete graph in neo4j after importing the data and relationships

asked   4 months ago
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I have a question related to the `NE04J`
when I create the nodes around 40,000 and their relationships which are around 20,000 it means,
4K nodes and 6![enter image description here][1]K relationships which are less than 15MB for sure.
when I run a query

```
"match (n) optional match (n)-[r]-() return n,r: "
```

it starts to load and after waiting for long time it returns nothing (in graphical form). But in the resultant file it shows how many nodes and relationships I have but no graphs . I want to see the complete graph of my data. is there anyway to see how does it look like, its only to visualize. When I limit the query till 800 it works.
Is there anything I need to change in settings or in my system memory?
any suggestion for that?

neo4j   cypher

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edited Apr 6 at 14:50   asked Apr 6 at 14:00
serenesat   Ch HaXam
2,470 ● 5 ● 12 ● 25   36 ● 2

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1 Answer

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The web console isn't very good for more than the hundreds of nodes scale. I'd suggest looking at Gephi:

http://gephi.github.io/

Alternatively you could use Linkurious, an online tool:

https://linkurio.us/

If you want to roll your own there are a number of choices out there. I like Sigma.js:

http://sigmajs.org/

Linkurious also has a library based on Sigma:

https://github.com/Linkurious/linkurious.js

EDIT: http://keylines.com/ is another online service like Linurious

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edited Apr 7 at 13:41   answered Apr 6 at 14:09
                                Brian Underwood
                                4,364 ● 4 ● 18

thanks Brian, can i use all above mentioned tools with neo4j? – Ch HaXam Apr 6 at 15:20

Yep! Gephi needs a plugin installed. For the JS tools you would need to do the integration –
Brian Underwood Apr 6 at 15:23

On another SO question I was reminded of keylines.com which you might also check out – Brian Underwood
Apr 7 at 13:40

hi brain, i tried to follow the gephi , i imported the neo4j data into gephi and in the end there was nothing, just one pop up warning and no results neither nodes nor relationships. i tried all possible ways i knew but still no success. – Ch HaXam Apr 9 at 12:24

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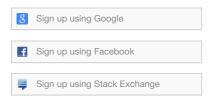1   How to count the number of relationships in Neo4j

hi brain, are you sure about the linkrious because i have seen in the presentation given by jean on the graph connect platform that 500 nodes at a time i can view. Also, its not opensource right? – Ch HaXam Apr 9 at 12:40

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