

Using Neo4j + MapReduce

2 posts by 2 authors  



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Apr 16



Hello,

Is there a way to run parallel graph algorithms using map-reduce paradigm on a graph represented in Neo4j. Like if I wish to run a map-reduce version of Bron-Kerbosch algorithm to enumerate all maximal cliques in a graph represented in Neo4j, is there a way?

Please provide some pointers/examples. Thanks in advance.



Michael Hunger

Apr 16



There is no "map-reduce" out of the box, but you can develop concurrent pretty easily.

My colleague Max started a project around this:

https://github.com/maxdemarzi/graph_processing

Where you can find implementations for some algorithms using concurrent approaches.

Could you write in pseudo code what the map-and-reduce steps would look like for this algorithm? Then I could give you a few pointers on how to do it.

Thanks Michael

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