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How to do graph traversal in neo4j using cypher

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I have a simple graph with person node that has name property and a reports_to relationship to other person node. This is a classic org structure graph in a company where each person reports to one person and that one to another person so on till CEO the root. Now I want to write a query, where given a person's name I want to get all their direct and indirect reports..which means depth or breadth traversal starting from a person to all leaf nodes. How can I write this in cypher?

neo4j cypher

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asked Apr 7 at 20:09

[user330612](#)
320 ● 1 ● 6 ● 21

1 some tips where to look for in the documentation and google: optional match and relationship's depths ;-) – [Christophe Willemsen](#) Apr 7 at 20:41

Indeed, google is OP's friend! :) – [FrobberOfBits](#) Apr 7 at 20:58

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You can check this page for an example (in the Northwind dataset):

<http://neo4j.com/developer/guide-importing-data-and-etl/>

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answered Apr 7 at 21:25

[Michael Hunger](#)
25.2k ● 2 ● 21 ● 41

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