Neo4J lab

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M2 Data and Knowledge

Université de Paris Saclay

Neo4j Lab

- Download and install Neo4J Community Edition https://neo4j.com/download-center/#releases; **start it**
- Get familiar with the data model and language by going through the tutorial at http://localhost:7474 (use the command `:play concepts` and `:play cypher`)
- User the Neo4J movie graph in the tutorial (`:play movie-graph` command) and execute all the commands listed there
- Design a new Cypher query that uses at least one `shortestpath` function, along with an `WHERE` and `ORDER BY` clause
- `PROFILE` and `EXPLAIN` your request; what do you see?
- Add an index on your graph; what changes in the plans?