

Group Membership



Exclude groups that I'm a member of



In our first recommendation query we suggested groups of which the user may already be a member. This obviously isn't such a great recommendation so let's address that.



What are we going to do?



- Add group memberships to the model
- Only recommend new groups to our user



Exclude groups that I'm a member of



As a member of the Neo4j group

I want to find other similar meetup groups that I'm not already a member of

So that I can join those groups

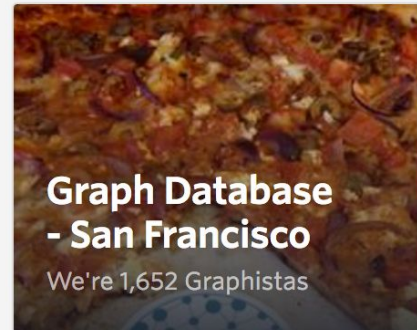
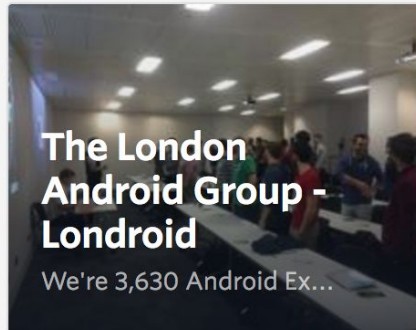


Group Memberships

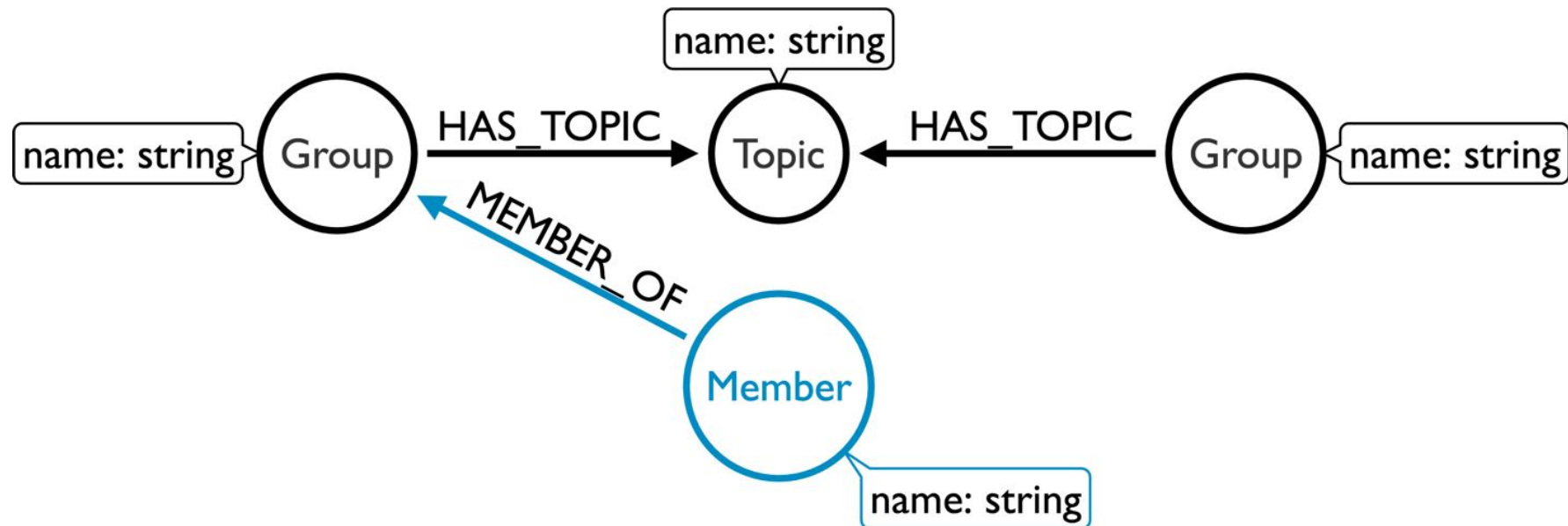


Your Meetups

Sort by Recommended



Adding members to the model



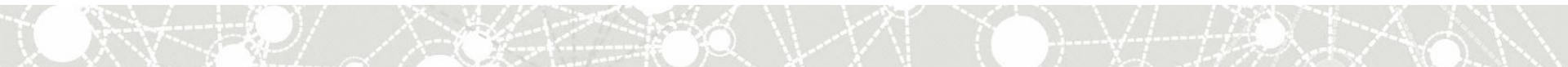
Start the next guide....



...if you aren't looking at it already

▶ Groups similar to mine

:play http://guides.neo4j.com/reco/file/02_my_similar_groups.html



Transaction State



Periodic Commit



Cypher keeps **all transaction state in memory** while running a query.
This is fine most of the time.



Periodic Commit



Cypher keeps **all transaction state in memory** while running a query.
This is fine most of the time.

But when using **LOAD CSV** importing millions of rows, this state can get **very large** and may result in an **OutOfMemory** error.



Periodic Commit



// defaults to 1000

USING PERIODIC COMMIT

LOAD CSV

...

Periodic Commit

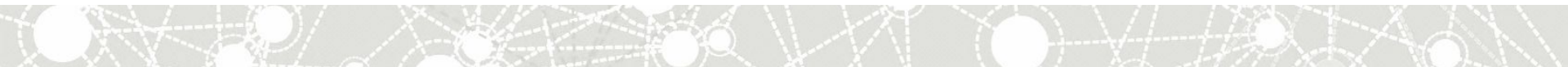


// defaults to 1000

USING PERIODIC COMMIT 10000

LOAD CSV

...



Continue with the guide



Continue with the guide in your browser



Answers



Answers



Type the following command into the Neo4j browser to see the answers:

:play <http://guides.neo4j.com/reco/answers/2.html>



The WITH Clause



WITH



The **WITH** clause allows query parts to be chained together, piping the results from one to be used as starting points or criteria in the next.



WITH is used to:

- limit the number of entries that are then passed on to other **MATCH** clauses.
- filter on aggregated values
- separate reading from updating of the graph

End of Module Group Membership

Questions ?

