Latent social graph

The latent social graph

The meetup.com API allows you to find people's friends/followers on the Facebook and twitter social networks, but we actually have a potential friendship graph lurking within our graph.

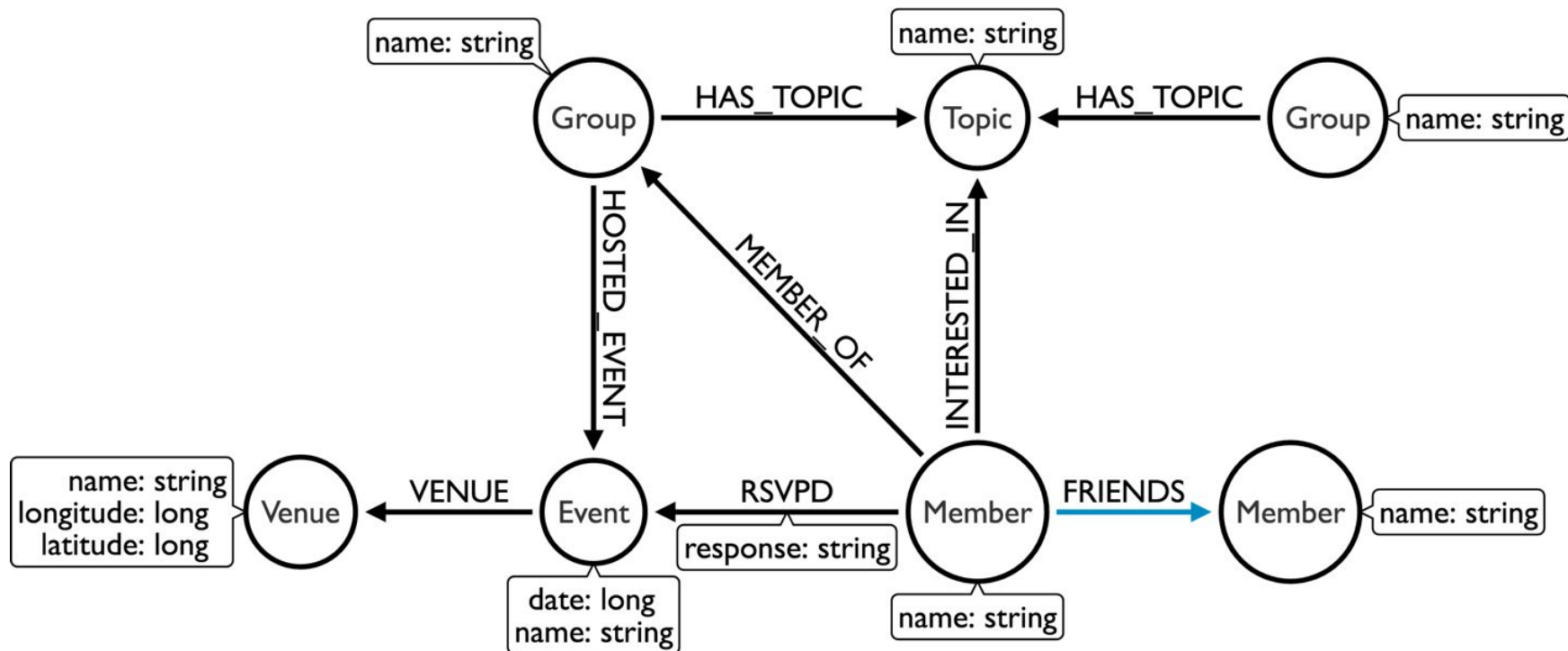People who've attended multiple same events probably know each other!

What are we going to do?

- Find the social graph hiding inside the data

- Materialise the Meetup social graph

- Recommend events that our friends are attending

Adding friends to the model

Start playing the next guide....

...if you aren't playing it already

⊳ Latent Social Graph

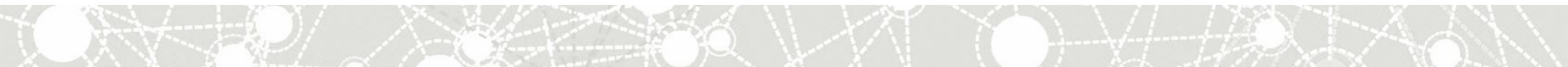:play http://guides.neo4j.com/reco/file/08_latent_social_graph.html

Transaction State

Periodic Commit

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

But when refactoring the graph, this state can get **very large** and may result in an **OutOfMemory** exception.

Batching updates

We therefore need to take a batched approach to large scale refactorings.

```
MATCH (m1:Process)
WITH m1 LIMIT 1000
REMOVE m1:Process
WITH m1
// do the refactoring
```

Continue with the guide

It's your turn to import the data

Answers

Exercise 8 Answers

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

```
:play http://guides.neo4j.com/reco/answers/8.html
```