

Member Interests



What are we going to do?



- Add people's interests to the model
- Infer interests for people who don't specify them
- Use those interests to update our group recommendation query

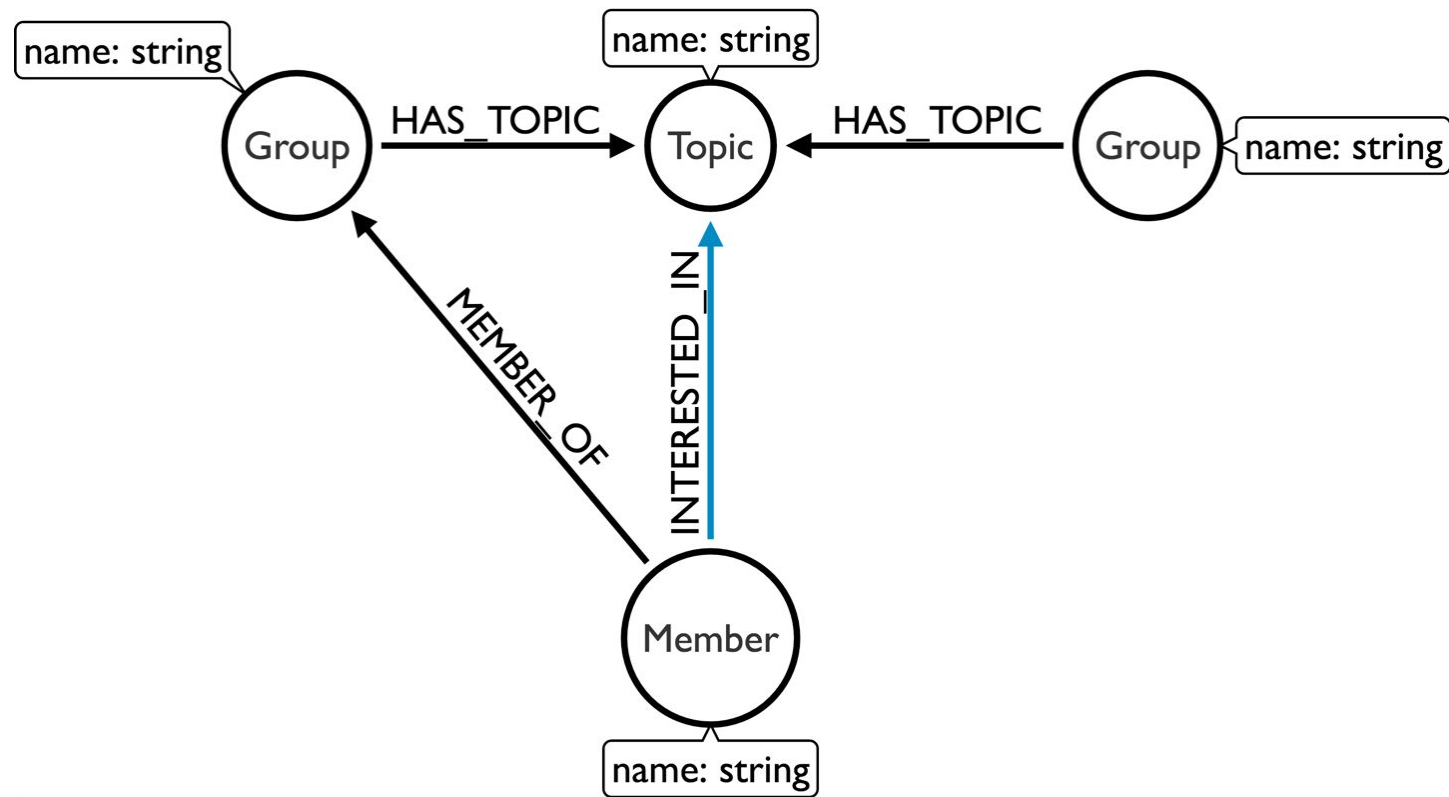


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Adding interests



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▶ My Interests

:play http://guides.neo4j.com/reco/file/03_my_interests.html



Lists with `split` and `UNWIND`



The split function



The **split** function lets us convert a string into a string list based on a delimiting character.



The split function



The **split** function lets us convert a string into a string list based on a delimiting character.

```
RETURN split("1;2;3", ";") AS topicIds  
[1, 2, 3]
```


We can use **UNWIND** to transform any list into individual rows.



UNWIND



We can use **UNWIND** to transform any list into individual rows.

```
UNWIND [1,2,3] AS value
```

```
RETURN value
```

1

2

3

Combining split and UNWIND



```
UNWIND split("1;2;3", ";") AS topicId  
RETURN topicId
```

1

2

3



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What am I actually interested in?



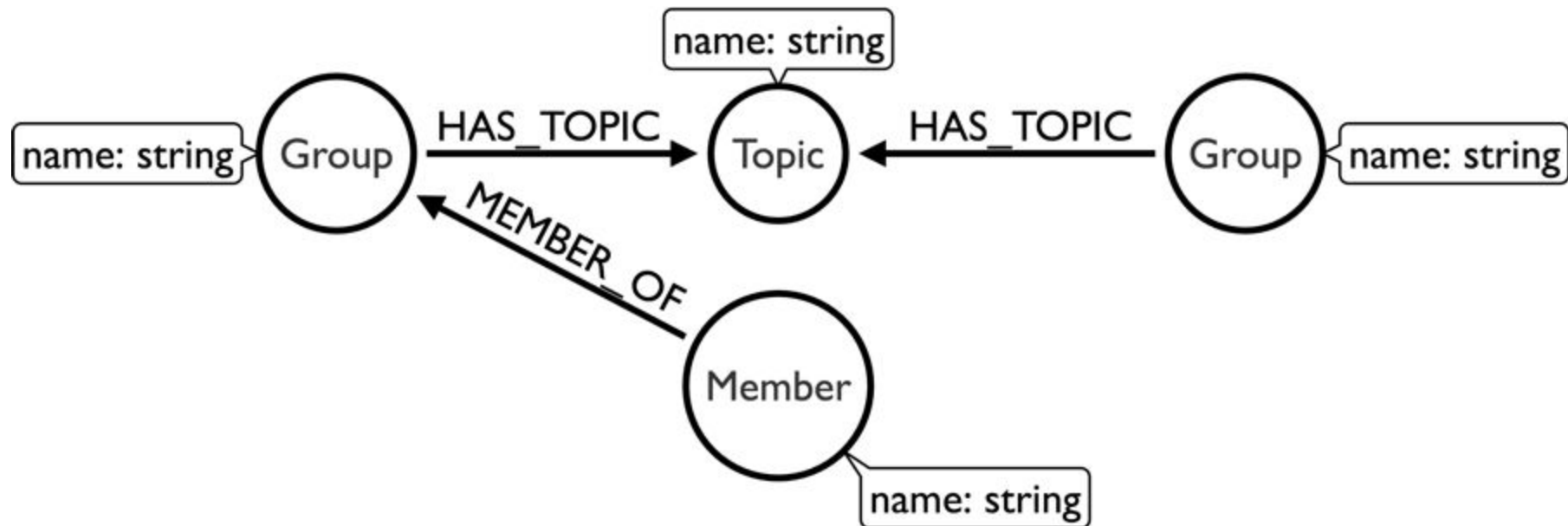
The **INTERESTED_IN** relationships we created earlier are based on interests that a user declared when he signed up for meetup.com.

People typically don't change those as their interests change but they do join new groups frequently. This allows us to know their interests better than they do!

We can do this by inferring **INTERESTED_IN** relationships based on user's groups.



What am I actually interested in?



Exercise: Inferring interests



1. Find topics that I'm interested in via the groups I'm a member of that I don't have an **INTERESTED_IN** relationship to.
2. Which topic shows up most frequently?

Answers



Answers



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

```
:play http://guides.neo4j.com/reco/answers/3.html
```



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End of Module Member Interests

Questions ?

