

Event Recommendations



Recommending events



Thus far we've only been recommending groups that people should join, but the whole point of meetup.com is to get people to attend events. In this section we'll do that.



What are we going to do?



- Add events to the model
- Layered Recommendations
 - events in my groups
 - events based on my interests



Events

[Upcoming 3](#) [Past](#) [Calendar](#)

Simulating APIs for Effective Testing: (Micro)Service Virtualisation

[UCL - Anatomy G29 JZ Young Lecture Theatre, Anatomy Building,](#)

Gower Street, London, WC1E 6BT., London ([map](#))



Wed Sep 28
6:15 PM
120 going
2 comments

Simulating APIs for Effective Testing: (Micro)Service Virtualisation in the 21st Century As we work more with distributed systems, microservices and legacy services, we... [Learn more](#)

Hosted by: [Harry Hilditch](#)

Meetup with James Gosling – the Father of Java

[Excel, Royal Victoria Dock, 1 Western Gateway](#)

E16 1XL, London ([map](#))



Java: past present and future We are delighted to be able to announce that on the 6th October our friends at IP EXPO Europe are hosting a special LJC Meetup with the... [Learn more](#)

Hosted by: [Barry Cranford](#) (Founder)

Thu Oct 6
2:00 PM
[Waitlist](#)

7 days left
225 going
62 waiting
0 comments

WOMEN WHO CODE

London, United Kingdom
Founded Jan 6, 2014

[About us...](#)

[+ Invite friends](#)

Coders 3,308
Group reviews 27
Upcoming Meetups 19
Past Meetups 90
Our calendar
Worldwide 71



Organizers:

Women Who Code, [Claire Tran](#),
[Gen Ashley](#), [halli, Sheree](#),
[Vinita Rathi](#)

Featured Meetup

NEO4J - Week 2 of 3 - Hands on Cypher Workshop

Export Tell a friend Share

Thursday, September 29, 2016
6:30 PM to 9:00 PM

Neo Technology UK
5-11 Lavington Street, London, SE1 0NZ, London ([map](#))

This is Part 2 of a 3-Part Series. This is a pilot program we've designed with the good folks at Neo4j.

This session will be a mixture of theory and hands-on practice sessions, and you will quickly learn how easy it is to work with a powerful graph database using Cypher as the query language.

We'll start by loading a movies dataset into neo4j, briefly covering an introduction to graph based modeling. We'll then spend the majority of the session learning Cypher's syntax and writing increasingly powerful queries with it. By the end of the session we'll be able to calculate the Bacon number for any of the actors/actresses in the database.

We'll end the session with a brief overview of the options for loading data into Neo4j in preparation for you to build your own graph over the next week/in next week's session.



Are you going?

[Yes](#)

[No](#)

48 going

2 spots available



Gen Ashley
London Director,
Co-Organizer,
Event Host
Twitter
[@coderinheels](#) |
Ex-VP Citigroup |
Head of Developer
Outreach, Skills
Matter |
Chairman,... [more](#)



Claudine Letsae
Interested in tech
and
coding(novice)



IElizaveta Voron

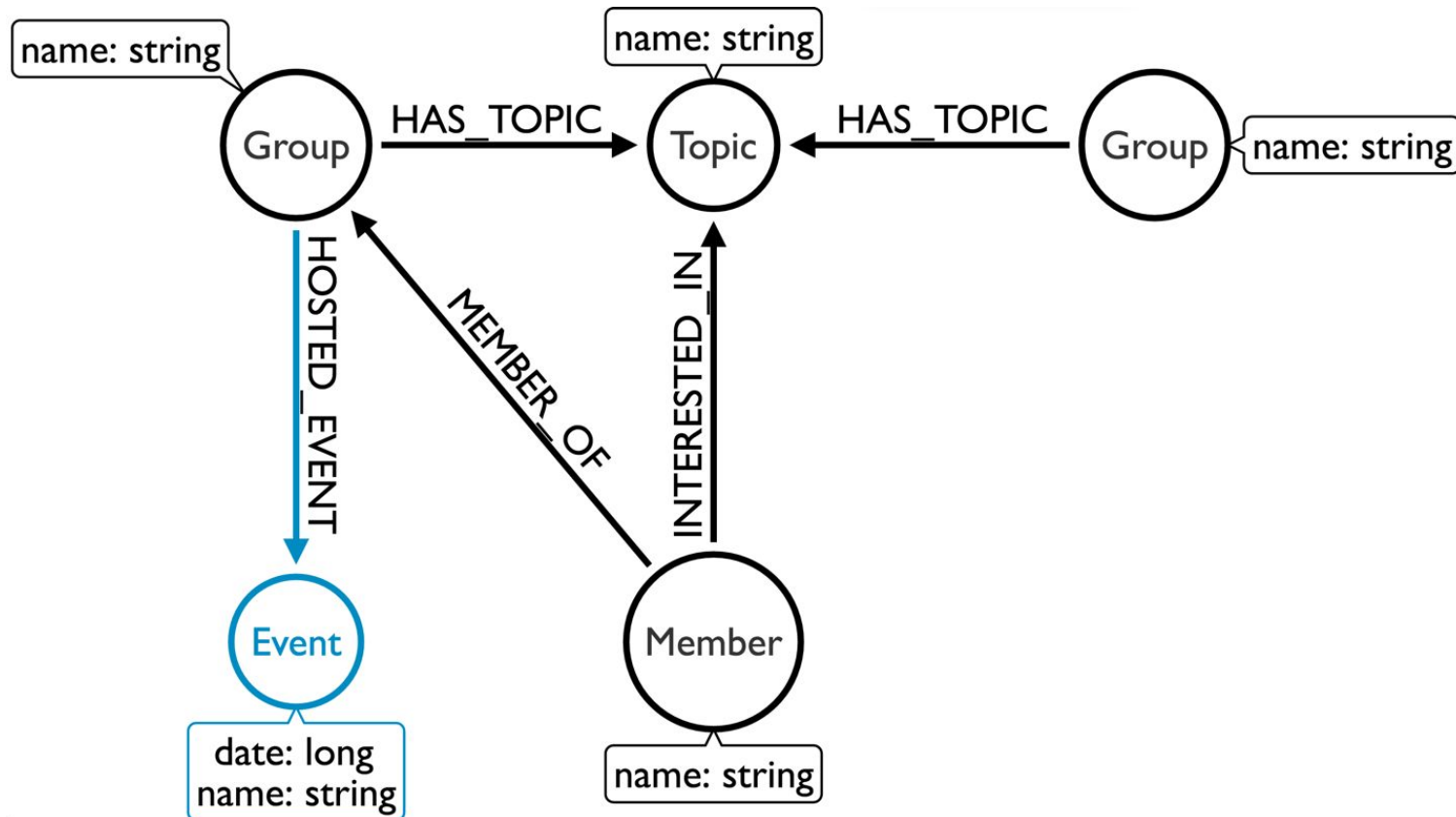


Cathy White



Jo Kennedy
Developer and
data geek, twitter

Adding events to the model



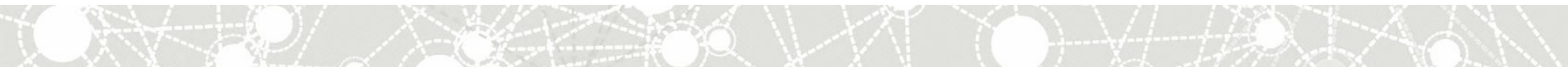
Start playing the next guide....



...if you aren't playing it already

▶ Event Recommendations

:play http://guides.neo4j.com/reco/file/04_events.html



Layered Recommendations



Layered recommendations



We want to make a recommendation based on multiple features, but we want to make some recommendation even if all those features aren't present.

We can achieve this by combining **WITH** and **OPTIONAL MATCH**.



OPTIONAL MATCH



The **OPTIONAL MATCH** clause is used to search for a pattern but if it doesn't find all of it then it will return **NULL** for the missing part.



OPTIONAL MATCH



The **OPTIONAL MATCH** clause is used to search for a pattern but if it doesn't find all of it then it will return **NULL** for the missing part.

OPTIONAL MATCH is similar to SQL's **LEFT JOIN**.



OPTIONAL MATCH



MATCH (member:Member {name: "Mark Needham"})

OPTIONAL MATCH (member)-[:MEMBER_OF]->(group)

RETURN member, **COLLECT**(group) **AS** groups

Continue with the guide



Continue playing the guide in your browser



Answers



Answers



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

:play <http://guides.neo4j.com/reco/answers/4.html>



Continue with the guide



Continue playing the guide in your browser



End of Module Event Recommendations

Questions ?

