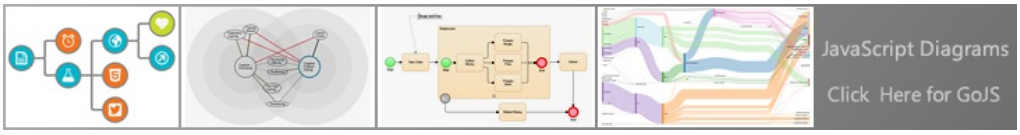
Ten. Million. Questions. Let's celebrate all we've done together.

Stack Overflow is a question and answer site for professional and enthusiast programmers. It's 100% free. Take the 2-minute tour ×

Is it possible to add nodes/edges to a graphDB via web library?



asked 4 months ago
viewed 20 times
active 4 months ago

0

I'm trying to make a tool that will have a graph component. I wanted users to be able to build/model their own relationships. I was thinking of something similar to how mind map software works(users create nodes and edges,etc..).

1

I was hoping to use Neo4J(they have a library but I don't think you can add nodes/edges to it) but honestly any web library would work because I can transfer the data to their format, let users modify it then push the changes back to my backend DB.

Any suggestions?

jquery neo4j visualization graph-databases graph-visualization

share improve this question

asked Apr 13 at 15:30
Lostsoul
6,195 ● 14 ● 49 ● 100

add a comment

1 Answer

active oldest votes

2

Most graphDBs offer a REST endpoint for CRUD operations: Neo4J offers also a specific transactional one for ACID operations.

Basically you can use `CREATE` and `MATCH` queries to create or update/delete your data in the database, and send them by an AJAX call to the Neo4J server.

Using a graph drawing library you can trigger, based on the user activity, the ajax requests and create the elements in the database.

Have a look at the Cypher Cheatsheet for an overview of the possible operations.

Note: probably you don't want to expose your database to the user completely, so I'd say maybe to wrap the REST interface with a Business Software layer of yours so that you can control all the process (and not distribuite the Authentication credentials to the user as well).

share improve this answer

edited Apr 13 at 18:02

answered Apr 13 at 16:10
MarcoCI
3,692 ● 2 ● 6 ● 26

add a comment

Your Answer

Blog

Why Stack Overflow is a Good Workplace for Women

Related

18 Hypergraph Visualization
7 Which graph database
0 How can I get the number of nodes of a Neo4j graph database from java and can we store and reuse graphdb from disk?
1 neo4j: Adding multiple properties to Nodes and RelationshipTypes in neo4j graphDB
0 What would be better for performance in a Neo4J database, many relationships from nodes or reducing relationships by copying subgraphs?
0 Why do relationships as a concept exist in neo4j or graph databases in general?
1 Is incremental adds are possible in neo4j?
1 Speeding Up creation of edges between Node in Neo4j using Py2Neo
2 Definition of a graph schema via XML
3 graph modeling approach for node/edge user access control

Hot Network Questions

Could an autotrophic civilisation develop, or will evolving life forms always eat each other?
Is it possible to automate tests for in progress sprint
What is aliasing and what causes it?
The Hiding Rules Contradict Themselves. What Can I Make Of This?
Do companies only pay dividends if they are in profit?

more hot questions

Sign up or log in

Sign up using Google

Sign up using Facebook

Sign up using Stack Exchange

Post as a guest

Name

Email

required, but never shown

Post Your Answer

By posting your answer, you agree to the privacy policy and terms of service.

Not the answer you're looking for? Browse other questions tagged jquery neo4j visualization graph-databases graph-visualization or ask your own question.

question feed

site design / logo © 2015 Stack Exchange Inc; user contributions licensed under cc by-sa 3.0 with attribution required

rev 2015.8.20.694