TU Clausthal

Bachelor-, Master- und Doktorandenseminar
des Instituts für Informatik

Time-related Data Representation and Versioning in Graph Databases

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Representing data as graphs is getting more popular as it is easier to understand data described as nodes and relations as representing it in texts. With this fast evolution of graph databases, the need to represent time related data and to version data in graph database to see how it looked like at a point in time getting more important. There was a lot of tries to model time data and to version data in graph database, but until now there in no optimal solution to do so as the models are data dependent. In this thesis I will show some data models that used to represent time data in graph databases and will describe my own developed model to version and represent time data in graph databases. Using state nodes and time tree I developed a data model that can convert any normal graph to a versionable graph.

Donnerstag, den 01.12.2016, 13:30 Uhr im
Besprechungsraum 106, IfI, Julius-Albert-Straße 4

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