Abstract

In this paper, a method for transforming a relational database to a graph database model is described. In this approach, the dependency graphs for the entities in the system are transformed into star graphs. This star graph model is transformed into a hyper graph model for the relational database, which, in turn, can be used to develop the domain relationship model that can be converted into a graph database model.
Designing Graph Database Models from Existing Relational Databases

- Mike Buerli "The Current State of Graph Databases" Department of Computer Science, Cal Poly San Luis Obispo, mberli@calpoly.edu, December 2012.
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Index Terms

Computer Science Databases

Keywords

Tuple Dependencies (TuD) Domain Dependencies (DoD)