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.

References

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, mbuerli@calpoly.edu, December 2012.


Index Terms

Computer Science
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Tuple Dependencies (TuD) Domain Dependencies (DoD)