

Bachelorarbeit

User-aided Pattern Search and Analysis on Business Graphs

Nutzergestuetzte Graphanalyse und Mustersuche auf
Unternehmensgraphen

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Eingereicht am <TBD>

Fachgebiet Informationssysteme

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Abstract

Costructing a graph made up of thousands of businesses may be hard, but actually making sense of it is a lot harder. With huge amounts of data potentially being integrated into the data lake every day, automatic methods for finding interesting spots in the graph are needed. This paper discusses different approaches that can be taken to extract useful knowledge from such a graph.

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2 Data structures for business entities

2.1 Graph encoding for column family storage

2.2 The *subject* data structure

2.3 A versioning scheme that stands the test of time

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7 Lessons learned

7.1 Benchmarks and Experiments

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