Databases 2
707.030

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Content: Scalable and parallel parallel data processing NoSQL
systems Map/Reduce Graph databases

Objectives: Recently, new type of database systems has emerged as a
response to huge amount of unstructured and semi-structured data
that are available on the World Wide Web. Those systems differ from
the traditional database systems as they offer flexibility, massive
scalability, high performance and availability. These new systems are
typically called nowadays "NoSQL" systems. The goal of this course
is to give a theoritical introduction of NoSQL systems, as well as to
gain a practical experience with these systems by implementing a
NoSQL database. We will discuss in more details systems such as
Map/Reduce and graph databases.

Recommended courses:

- Databases 1