

Data management lecture 8

NoSQL Databases

- NoSQL means **Not Only SQL**
- NoSQL covers mutiple types of databases

Data Model	Example Databases
Key-Value	Berkeley DB, LevelDB, Memcached, Project Voldemort, Redis, Riak
Document	CouchDB, MongoDB, OrientDB, RavenDB, Terrastore
Column-Family	Amazon SimpleDB, Cassandra, HBase, Hypertable
Graph	FlockDB, HyperGraphDB, Infinite Graph, Neo4J, OrientDB

Why use NoSQL

- Performance
 - If you have hundreds of millions of data
- dynamic schema (very flexible compared to postgres databases)
- less powerful query language