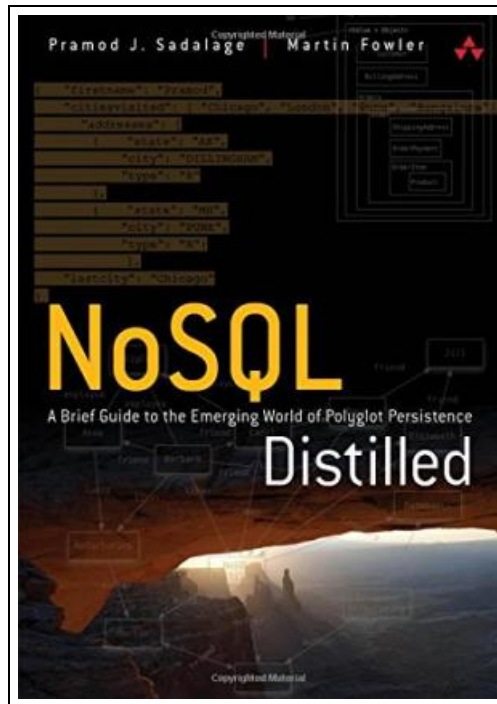


NoSQL Distilled: A Brief Guide to the Emerging World of Polyglot Persistence



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Reviews

Unquestionably, this is the best work by any author. Better than never, though i am quite late in start reading this one. I realized this publication from my dad and i advised this pdf to find out.
(Nelson Zemlak)

NOSQL DISTILLED: A BRIEF GUIDE TO THE EMERGING WORLD OF POLYGLOT PERSISTENCE



Addison-Wesley Professional. Paperback. Condition: New. 192 pages. Modeled after UML Distilled, Martin Fowlers international best-seller, NoSQL Distilled is the definitive introduction to todays breakthrough NoSQL databases. Together, Fowler and ThoughtWorks principal consultant Pramod Sadalage thoroughly explain how NoSQL databases work, and why they may often be a superior alternative for Big Data, high-traffic web sites, heavy-duty streaming media delivery, and other demanding environments. Drawing on their leading-edge design and implementation experience, Fowler and Sadalage guide you through choosing the right data store, successfully implementing it, and achieving maximum performance and scalability. NoSQL Distilled starts by illuminating crucial NoSQL concepts and techniques, including schema-less data models, aggregates, new distribution options, and map-reduce. The authors succinctly explore architectural and design issues associated with implementing NoSQL, and offer realistic use cases. Next, they demonstrate real NoSQL databases at work through four representative examples: Riak, MongoDB, Cassandra, and Neo4j. Drawing on Pramod Sadalages pioneering work, NoSQL Distilled shows how to implement evolutionary design with schema migration: an essential technique for successfully applying NoSQL databases in the real world. The authors conclude by explaining how NoSQL is ushering in a new age of Polyglot Persistence, where technology professionals can choose the data storage technology best optimized for each type of data access. Topics covered include: Evaluating which enterprise applications NoSQL is (and isnt) appropriate for Understanding architectural tradeoffs associated with deploying NoSQL Using NoSQL to simplify development, avoiding the problem of mapping data between in-memory data structures and RDBMSes Comparing todays leading NoSQL offerings Exploring query languages: Object Query MDX and XQuery Managing performance, reliability, availability, and recoverability Using NoSQL in agile development environments Applying NoSQL in searchretrieval, metadata management, text analysis, social networking, business intelligence, and financial services Clustering NoSQL databases to address Big Data problems more cost-effectively Integrating NoSQL with legacy databases to...



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