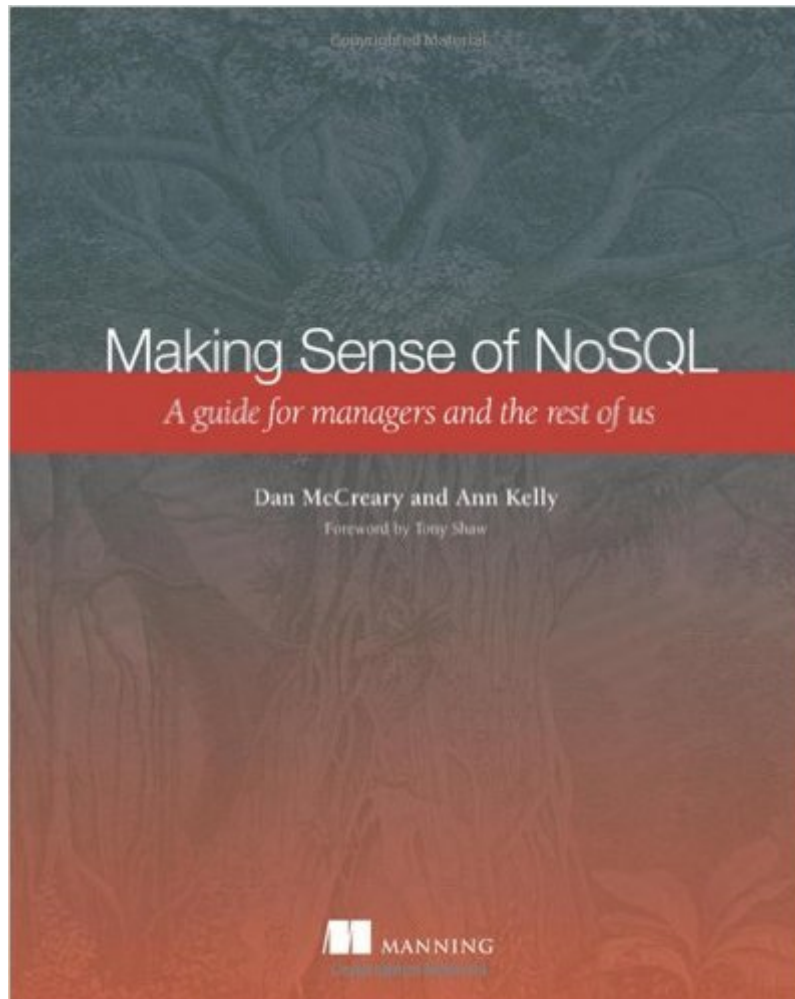


The book was found

# Making Sense Of NoSQL: A Guide For Managers And The Rest Of Us



## Synopsis

Summary Making Sense of NoSQL clearly and concisely explains the concepts, features, benefits, potential, and limitations of NoSQL technologies. Using examples and use cases, illustrations, and plain, jargon-free writing, this guide shows how you can effectively assemble a NoSQL solution to replace or augment the traditional RDBMS you have now. About this Book If you want to understand and perhaps start using the new data storage and analysis technologies that go beyond the SQL database model, this book is for you. Written in plain language suitable for technical managers and developers, and using many examples, use cases, and illustrations, this book explains the concepts, features, benefits, potential, and limitations of NoSQL. Making Sense of NoSQL starts by comparing familiar database concepts to the new NoSQL patterns that augment or replace them. Then, you'll explore case studies on big data, search, reliability, and business agility that apply these new patterns to today's business problems. You'll see how NoSQL systems can leverage the resources of modern cloud computing and multiple-CPU data centers. The final chapters show you how to choose the right NoSQL technologies for your own needs. Managers and developers will welcome this lucid overview of the potential and capabilities of NoSQL technologies. Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications.

What's Inside NoSQL data architecture patterns NoSQL for big data Search, high availability, and security Choosing an architecture About the Authors Dan McCreary and Ann Kelly lead an independent training and consultancy firm focused on NoSQL solutions and are cofounders of the NoSQL Now! Conference.

Table of Contents

PART 1 INTRODUCTION NoSQL: It's about making intelligent choices NoSQL concepts

PART 2 DATABASE PATTERNS Foundational data architecture patterns NoSQL data architecture patterns Native XML databases

PART 3 NOSQL SOLUTIONS Using NoSQL to manage big data Finding information with NoSQL search Building high-availability solutions with NoSQL Increasing agility with NoSQL

PART 4 ADVANCED TOPICS NoSQL and functional programming Security: protecting data in your NoSQL systems Selecting the right NoSQL solution

## Book Information

Paperback: 312 pages

Publisher: Manning Publications; 1 edition (September 20, 2013)

Language: English

ISBN-10: 1617291072

ISBN-13: 978-1617291074

Product Dimensions: 7.4 x 0.8 x 9.2 inches

Shipping Weight: 1.2 pounds (View shipping rates and policies)

Average Customer Review: 4.6 out of 5 stars [See all reviews](#) (25 customer reviews)

Best Sellers Rank: #404,725 in Books (See Top 100 in Books) #63 in [Books > Computers & Technology > Internet & Social Media > Web Browsers](#) #129 in [Books > Computers & Technology > Databases & Big Data > Data Warehousing](#) #246 in [Books > Computers & Technology > Databases & Big Data > Data Mining](#)

## Customer Reviews

The 'brave new world' or NoSQL databases (DBs) can be confusing: there are various different types of them (graph DBs, column-oriented DBs, key-value stores etc.) and a hotchpotch of vendors (and open-source solutions) - most of which claim that 'their' NoSQL solution is the best - and the answer to all problems. I work as a technical consultant in the database/storage field, and coming from a relational database (RDBMS) background, had been looking for a good resource beyond the non-curated content to be found all over the Internet. I have not been disappointed. (+) The book provides a balanced and informative introduction to the different types/classes of NoSQL DBs (+) I liked the 'jargon buster' approach of the author of actually explaining and defining a lot of the terms used. They did indeed "make sense" of NoSQL from that perspective. (+) I also appreciated the various real-life case studies and use cases for the differing NoSQL DBs, not only taking into account the pure technical side, but also potential business drivers - this is helpful for technical folk like myself whose job entails explaining the pros and cons of DBs to non-technical/business folk who don't appreciate the intricacies of BASE vs. ACID compliance (and probably couldn't care less) (+) Dan McCreary, the author, seems to take a balanced view in the ongoing SQL vs. NoSQL debate, something I missed from some of the other books I've read (like MongoDB in Action, HBase in Action etc.) - no SQL/RDBMS 'bashing' here. (-) My only (ever so small) negative comment would be that the book has not been written for a non-technical/business audience.

As a data geek who has been focused on solving problems with relational databases for a long time and has only casually followed the changes in the industry, Making Sense of NoSQL was a wake-up call. Like many others, I have struggled trying to get my arms around this whole NoSQL thing. Dan McCreary and Ann Kelly's book helped me see the big picture. As they explain, relational databases are great for certain types of applications but not so great for others. What kinds of applications aren't they good for?  Processing very large amounts of data. Relational

databases are designed to maintain data integrity and consistency, things that are of critical importance to some applications, such as banking, but of far less importance in other applications, such as looking for trends in social networking data. If your bank misses a tenth of a percent of the deposits made in a given day, this is a BIG problem. If you are analyzing, say, Facebook views, and a tenth of a percent of that data is missing, it is very unlikely to impact your results. The problem with maintaining integrity and consistency is that it limits the options for distributing work across multiple processors. And while processing power, disk size and speed, and relational database design have evolved to allow single-processor databases to handle surprisingly large problems, some problems are simply impossible to solve without massive parallelization, something that is difficult to accomplish with relational databases. • Unstructured data (documents, audio, images, and video). Relational databases are great for structured, tabular data, the kind you would put in Excel. Unstructured data is completely different. You know all those emails, Facebook posts, Tweets, etc. we produce each day? All unstructured data.

[Download to continue reading...](#)

Making Sense of NoSQL: A guide for managers and the rest of us Soap Making: 365 Days of Soap Making (Soap Making, Soap Making Books, Soap Making for Beginners, Soap Making Guide, Soap Making Recipes, Soap Making Supplies): Soap Making Recipes for 365 Days Financial Management For Nurse Managers: Merging The Heart With The Dollar (Dunham-Taylor, Financial Management for Nurse Managers) Pussycats: Why The Rest Keeps Beating The Rest, And What Can Be Done About It Jewelry Making: Jewelry Making Instructions to Easily Create Beautiful Pendants, Bracelets, Earrings, and Necklaces (Jewelry Making Books, jewelry making for dummies, jewelry making tools) Jewelry Making: 33 Tips and Advices For Making Unique Earrings (jewelry making, jewelry making books, jewelry making kits) NoSQL Distilled: A Brief Guide to the Emerging World of Polyglot Persistence Next Generation Databases: NoSQL, NewSQL, and Big Data NoSQL for Mere Mortals NoSQL Web Development with Apache Cassandra Chart Sense for Writing: Over 70 Common Sense Charts with Tips and Strategies to Teach 3-8 Writing Chart Sense: Common Sense Charts to Teach 3-8 Informational Text and Literature Wine Making: Beginner Wine Making! The Ultimate Guide to Making Delicious Wine at Home (Home Brew, Wine Making, Red Wine, White Wine, Wine Tasting, Cocktails, ... Vodka recipes, Jello Shots Beer Brewing) Age Defying Fitness: Making the Most of Your Body for the Rest of Your Life Making Sense of Sex: A Fortright Guide to Puberty, Sex and Relationships for People with Asperger's Syndrome The Complete Legal Guide to Senior Care: Making Sense of the Residential, Financial and Medical Maze The Tech Contracts Pocket Guide: Software and Services Agreements for Salespeople, Contract Managers,

Business Developers, and Lawyers Property/Casualty Insurance, a Basic Guide: For Adjusters, Underwriters, Agents, Brokers, Attorneys, Entrepreneurs, and Business Managers The HR Answer Book: An Indispensable Guide for Managers and Human Resources Professionals Supporting e-learning: A Guide For Library And Information Managers (Facet Publications (All Titles as Published))

[Dmca](#)