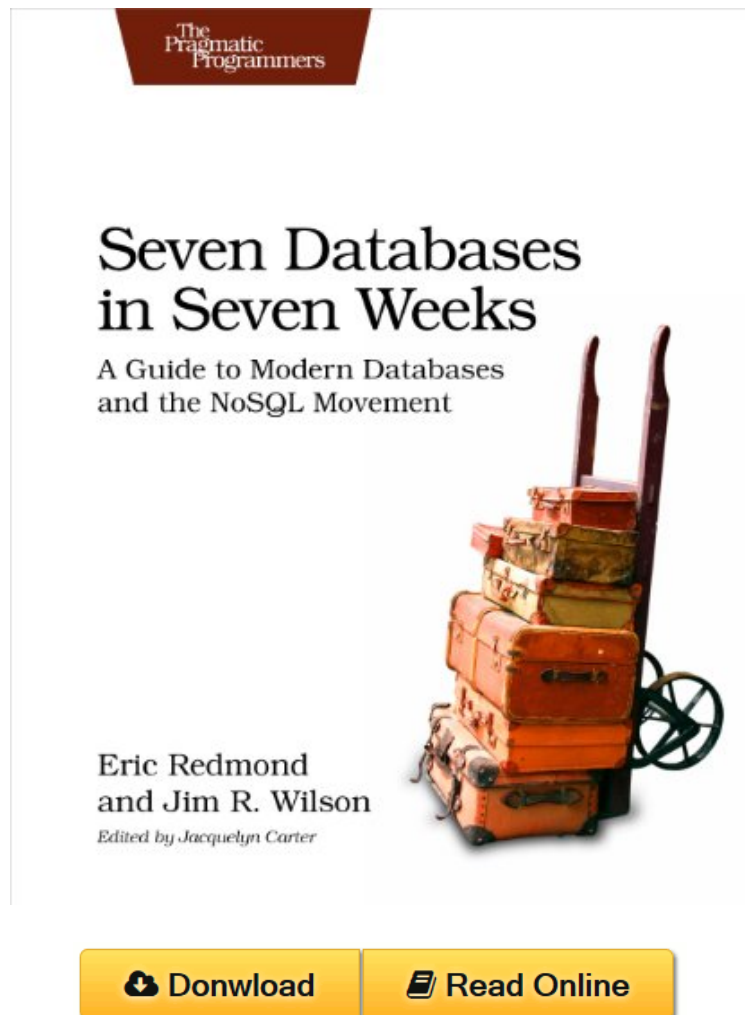


Seven Databases in Seven Weeks: A Guide to Modern Databases and the NoSQL Movement

Von Eric Redmond, Jim Wilson
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Produktinformation -Verkaufsrank: #57371 in eBooksVerffentlicht am: 2012-05-11Erscheinungsdatum: 2013-01-08File Name: B00AYQNR50 | File size: 71.Mb

Von Eric Redmond, Jim Wilson : Seven Databases in Seven Weeks: A Guide to Modern Databases and the NoSQL Movement before purchasing it in order to gage whether or not it would be worth my time, and all praised Seven Databases in Seven Weeks: A Guide to Modern Databases and the NoSQL Movement:

KundenrezensionenHilfreichste Kundenrezensionen17 von 18 Kunden fanden die folgende Rezension hilfreich. Kurzweilig und informativVon Jens A.NoSQL-Datenbanksysteme sind ein Thema, ber das viel in der Presse und im Internet zu lesen ist. Einen berblick bekommt man schnell, aber wenn man etwas mehr Tiefgang sucht und auch mal experimentieren mchte, sieht man sich einer unbersichtlichen Informationsfille gegenber, die an ein paar Feierabenden nicht zu bewltigen ist. Dieses Buch hilft auf kurzweilige Weise, einen schnellen Einstieg in das Thema zu finden und mit den wichtigsten Vertretern der Gattung NoSQL Bekanntschaft zu schlieen. Die Autoren schaffen es, durch informative Erklrungen und viele Beispiele die Gemeinsamkeiten und wesentlichen Unterschiede der Datenbanksysteme herauszuarbeiten. Interessanter Weise wird zunchst ein relationales Datenbanksystem vorgestellt. Es wird also nicht nur ein einseitiges Bild fr die neue Technologie vermittelt, sondern die NoSQL-Datenbanksysteme

werden auch an den Strken klassischer relationaler Datenbanksysteme gemessen. Auf ca. 300 Seiten werden die sieben Systeme PostgreSQL, Riak, HBase, MongoDB, CouchDB, Neo4J und Redis behandelt. Auf die theoretischen Grundlagen wird knapp, aber fr einen Einstieg ausreichend eingegangen. Wichtiger ist den Autoren, dass man sich zwischendurch auch mal die Finger schmutzig macht. Dafr wurde fr jedes System ein dreitriges Kursprogramm mit Theorie und vielen bungen, die man selbst machen darf und sollte, zusammengestellt. Man lernt dabei- was die Motivation fr die Entwicklung des Systems war- welche Sprache es spricht- was die Alleinstellungsmerkmale sind- wie es performt und skaliert und was der Preis dafr ist. Das Lernziel ist, den aktuellen Werkzeugkasten fr das Design von skalierbaren und performanten Datenbank-Lsungen zu kennen, um sich daraus bestmglich bedienen zu knnen. In der Regel sind NoSQL-Datenbanksysteme nmlich kein Ersatz, sondern eine Ergnzung der bewhrten SQL-Datenbanksysteme. Wer heute Datenbank-Lsungen bauen will, sollte polyglott unterwegs sein und nicht nur SQL knnen. Fazit: Wer einen guten Crash-Kurs fr NoSQL-Technologie sucht, der ist mit diesem Buch bestens bedient. 2 von 2 Kunden fanden die folgende Rezension hilfreich. Excellent Von Dr. Rupert Rebentisch Right balance between detail and overview. Excellent examples, fun to read. Even if you don't work through all home work you will develop a good understanding for the various types of databases.

Kurzbeschreibung Data is getting bigger and more complex by the day, and so are the choices in handling that data. As a modern application developer you need to understand the emerging field of data management, both RDBMS and NoSQL. Seven Databases in Seven Weeks takes you on a tour of some of the hottest open source databases today. In the tradition of Bruce A. Tate's Seven Languages in Seven Weeks, this book goes beyond your basic tutorial to explore the essential concepts at the core each technology. Redis, Neo4J, CouchDB, MongoDB, HBase, Riak and Postgres. With each database, you'll tackle a real-world data problem that highlights the concepts and features that make it shine. You'll explore the five data models employed by these databases-relational, key/value, columnar, document and graph-and which kinds of problems are best suited to each. You'll learn how MongoDB and CouchDB are strikingly different, and discover the Dynamo heritage at the heart of Riak. Make your applications faster with Redis and more connected with Neo4J. Use MapReduce to solve Big Data problems. Build clusters of servers using scalable services like 's Elastic Compute Cloud (EC2). Discover the CAP theorem and its implications for your distributed data. Understand the tradeoffs between consistency and availability, and when you can use them to your advantage. Use multiple databases in concert to create a platform that's more than the sum of its parts, or find one that meets all your needs at once. Seven Databases in Seven Weeks will take you on a deep dive into each of the databases, their strengths and weaknesses, and how to choose the ones that fit your needs. What You Need: To get the most of of this book you'll have to follow along, and that means you'll need a *nix shell (Mac OSX or Linux preferred, Windows users will need Cygwin), and Java 6 (or greater) and Ruby 1.8.7 (or greater). Each chapter will list the downloads required for that database. Pressestimmen The flow is perfect. On Friday, you'll be up and running with a new database. On Saturday, you'll see what it's like under daily use. By Sunday, you'll have learned a few tricks that might even surprise the experts! And next week, you'll vault to another database and have fun all over again.--Ian Dees Coauthor, "Using JRuby" Provides a great overview of several key databases that will multiply your data modeling options and skills. Read if you want database envy seven times in a row.--Sean Copenhaver Lead Code Commodore backgroundchecks.com This is by far the best substantive overview of modern databases. Unlike the host of tutorials, blog posts, and documentation I have read, this book taught me why I would want to use each type of database and the ways in which I can use them in a way that made me easily understand and retain the information. It was a pleasure to read.--Loren Sands-Ramshaw Software Engineer U.S. Department of Defense""The flow is perfect. On Friday, you'll be up and running with a new database. On Saturday, you'll see what it's like under daily use. By Sunday, you'll have learned a few tricks that might even surprise the experts! And next week, you'll vault to another database and have fun all over again."" --Ian Dees Coauthor, "Using JRuby""""Provides a great overview of several key databases that will multiply your data modeling options and skills. Read if you want database envy seven times in a row."" --Sean Copenhaver, Lead Code Commodore backgroundchecks.com""This is by far the best substantive overview of modern databases. Unlike the host of tutorials, blog posts, and documentation I have read, this book taught me why I would want to use each type of database and the ways in which I can use them in a way that made me easily understand and retain the information. It was a pleasure to read."" --Loren Sands-Ramshaw, Software Engineer U.S. Department of Defense Kurzbeschreibung Data is getting bigger and more complex by the day, and so are the choices in handling that data. As a modern application developer you need to understand the emerging field of data management, both RDBMS and NoSQL. Seven Databases in Seven Weeks takes you on a tour of some of the hottest open source databases today. In the tradition of Bruce A. Tate's Seven Languages in Seven Weeks, this book goes beyond your basic tutorial to explore the essential concepts at the core each technology. Redis, Neo4J, CouchDB, MongoDB, HBase, Riak and Postgres. With each database, you'll tackle a real-world data problem that highlights the concepts and features that make it shine. You'll explore the five data models employed by these databases-relational, key/value,

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