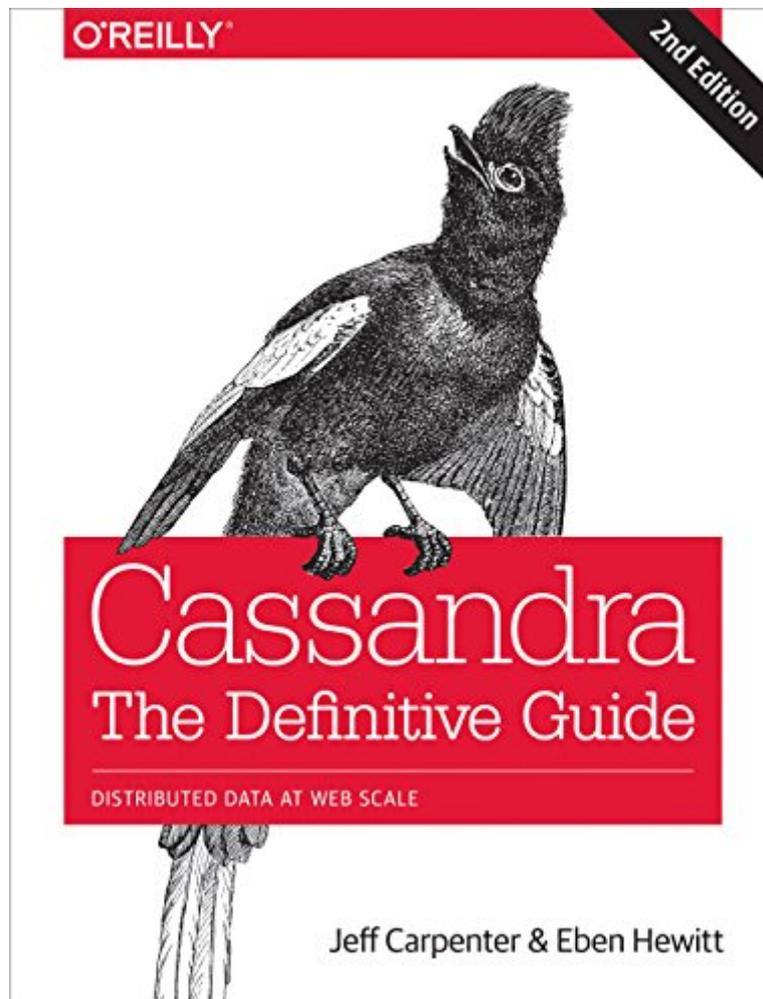# Cassandra: The Definitive Guide

Synopsis

Imagine what you could do if scalability wasn't a problem. With this hands-on guide, youâ ™ll learn how the Cassandra database management system handles hundreds of terabytes of data while remaining highly available across multiple data centers. This expanded second editionâ ”updated for Cassandra 3.0â ”provides the technical details and practical examples you need to put this database to work in a production environment.Authors Jeff Carpenter and Eben Hewitt demonstrate the advantages of Cassandraâ ™s non-relational design, with special attention to data modeling. If youâ ™re a developer, DBA, or application architect looking to solve a database scaling issue or future-proof your application, this guide helps you harness Cassandraâ ™s speed and flexibility.Understand Cassandraâ ™s distributed and decentralized structureUse the Cassandra Query Language (CQL) and cqlshâ ”the CQL shellCreate a working data model and compare it with an equivalent relational modelDevelop sample applications using client drivers for languages including Java, Python, and Node.jsExplore cluster topology and learn how nodes exchange dataMaintain a high level of performance in your clusterDeploy Cassandra on site, in the Cloud, or with DockerIntegrate Cassandra with Spark, Hadoop, Elasticsearch, Solr, and Lucene

Book Information

File Size: 10513 KB

Print Length: 370 pages

Simultaneous Device Usage: Unlimited

Publisher: O'Reilly Media; 2 edition (June 29, 2016)

Publication Date: June 29, 2016

Sold by:Â Digital Services LLC

Language: English

ASIN: B01HQTWMYO

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #134,746 Paid in Kindle Store (See Top 100 Paid in Kindle Store)   #38 inÂ Books > Computers & Technology > Software > Databases   #79 inÂ Books > Computers & Technology > Databases & Big Data > Data Modeling & Design   #85 inÂ Books > Computers &

Customer Reviews

It's hard not to appreciate excellence in whatever form it takes. As an author and a data scientist, seeing excellent technical books probably impresses me more than the average bear just b/c , let's face it, Cassandra isn't something most people outside of the field care about (well, they do, they just don't know it).While it's not a knock on , any time you see a book with perfect ratings, some jerk will come along and leave a turd on the grass just to be 'that guy'. So far, he hasn't shown up. All the reviews for this book are stellar and I couldn't agree with them more.Hats off to Jeff and Eben for writing the original and updates versions.I could blather on and on as I'm apt to do about what's good and bad about the book , except there's not anything bad I noticed (I received it like 4 days ago and I've read it , went through the almost all of the code - which worked flawlessly so far - and have been raving about it to all of my peers). Instead of telling you every detail I'll say this - as of today, September 10, 2016 - this is THE BEST Book on Cassandra available. O'Reilly has a well deserved reputation for putting out high quality material and this book exemplifies how they built that reputation.It's said that Brevity is the mother of wit. Well in technical books, being able to be thorough and concise takes a lot of work. You can explain any concept in 30 pages but being able to do it in a paragraph or two can be daunting. It takes a lot of forethought and one can only do that if they know the material inside and out.

Download to continue reading...

Cassandra: The Definitive Guide HTML & XHTML: The Definitive Guide: The Definitive Guide (Definitive Guides) NoSQL Web Development with Apache Cassandra Cassandra 3.x High Availability - Second Edition GaudÃ Afternoon (The Cassandra Reilly Mysteries Book 1) Cassandra at the Wedding (New York Review Books Classics) Cassandra: A Novel and Four Essays 802.11 Wireless Networks: The Definitive Guide: The Definitive Guide Oracle SQL*Plus: The Definitive Guide (Definitive Guides) The Definitive Guide to GCC (Definitive Guides (Paperback)) Vertical Gardening: The Definitive Guide To Vertical Gardening For Beginners. (The Definitive Gardening Guides) The Definitive Guide to MongoDB: A complete guide to dealing with Big Data using MongoDB Raspberry Pi: 101 Beginners Guide: The Definitive Step by Step guide for what you need to know to get started (Raspberry Pi, Raspberry, Single Board Computers, ... Pi Programming, Raspberry Pi Projects) Raspberry Pi 2: 101 Beginners Guide: The Definitive Step by Step guide for what you need to know to get started Raspberry Pi 2: 101 Beginners Guide: The Definitive Step by Step guide for what you need to know to get started (Raspberry Pi 2, Raspberry,

Single Board ... Pi Programming, Raspberry Pi Projects) The Champagne Guide 2016-2017: The Definitive Guide to Champagne Foraging: Your Beginner's Guide and Definitive Handbook to Foraging Wild Edible Plants and Herbs(foraging guide, foraging for beginners, foraging for survival, foraging tips, foraging wilderness) Woodworking: 101 Beginners Guide (The Definitive guide for what need to know to start your projects today) (Woodworking, Woodworking tools, Staining, Varnishing, Lacquering) Alternative Medicine Definitive Guide to Headaches (Alternative Medicine Definative Guide) Vaper's Guide - The Definitive Guide To Vaping