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## Database Weekly

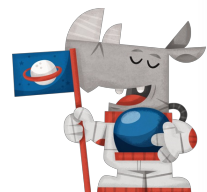
Issue 66 — August 8, 2015

### FEATURED

**The World Beyond Batch: Streaming 101** — An interesting article of modern data-processing concepts related to streaming systems, unbounded data sets, and the future of big data.  
O'REILLY RADAR

**On ORDER BY Optimization** — A look at how sometimes query optimizers get things wrong and how you might get better performance by forcing the optimizer's hand.  
DOMAS MITUZAS

**Get Paid to Write about Databases** — Write about databases, earn \$200 cash and \$200 in Compose credit. Write a deep dive into how you use databases in your technology stack. Let people know useful tips and tricks for a particular database. Explain the philosophy and practical implications of database concepts. All ideas welcome.  
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**Don't Test with SQLite When You Use Postgres in Production** — It should go without saying that using two different database systems in different environments is a recipe for trouble, but Michael explains why.  
MICHAEL ROBELLARD

**RAM Is The New SSD** — Intel's recent announcement of their new '3D XPoint' RAM technology should mean a new world of loading huge datasets into RAM becomes commonplace.  
JAVA, SQL AND JOOQ.

**The 5-Minute Guide to Understanding the Significance of Apache Spark** — A look at the differences between Spark and MapReduce, why it's easier to develop on Spark, and the top five use cases.  
NITIN BANDUGULA

**AWS Aurora - It's Showtime for Amazon's New RDS Engine** — Aurora is an easily massively scalable MySQL 5.6-compatible cloud based DBMS that's part of Amazon's Web Services.  
NITHEESH POOJARY

**Mockaroo: A Realistic Random Data Generator** — Outputs to CSV, JSON, SQL, and Excel.  
MOCKAROO **TOOLS**

### IN BRIEF

## [Crypto Tools Target Hadoop Security Gaps](#)

DATANAM [NEWS](#)

## [MongoDB 3.0.5 Released](#)

MONGODB [NEWS](#)

[Oracle Database Developer Choice Awards](#) — Accepting nominations in the areas of SQL, PL/SQL, Oracle REST, and others through August 15.

ORACLE [NEWS](#)

## [SlamData Raises \\$3.6 Million to Build 'Tableau' for NoSQL Data](#)

SLAMDATA [NEWS](#)

## [The Future of Big Data Federation May Have Just Landed](#)

TECHREPUBLIC [NEWS](#)

## [Interactive Audience Analytics With Spark and HyperLogLog](#)

EUGENE ZHULENEV

## [Building a GraphQL Server with Node.js and SQL](#)

MIKHAIL NOMKOV

## [Frequency Counting Algorithms over Data Streams](#)

MICHAEL VOGIATZIS

## [Amazon - The Rising Star in The DBMS Market](#)

DB ENGINES

## [When NoSQL May Not Be Right for You](#)

TECHREPUBLIC

## [Amazon Aurora Performance, As A NoSQL Store](#)

CHRISTIAN FELDE

## [Why You Should Use Neo4j in Your Next Ruby App](#)

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