

Database Weekly

Issue 153 — May 5, 2017

FEATURED

SQL Is 43 Years Old: 8 Reasons We Still Use It Today — SQL came in as the 2nd most common language in Stack Overflow's recent survey - remarkable for a language approaching 50 years old.

SQLIZER

How to Stream Data from Amazon DynamoDB to Amazon Aurora — You might use DynamoDB for rapidly ingesting high-velocity data but then want to replicate it into Aurora for longer-term use. Here's how to do that with AWS Lambda and Amazon Kinesis Firehose.

AMAZON

Don't Use the String Concatenation 'Trick' in SQL Predicates — When concatenating strings in SQL, take care that you're including the right delimiters as well or unintended consequences could occur.

JAVAOOQ

How to get started with MongoDB — We put together a hub of our most popular resources to help jump-start your understanding of MongoDB. Check it out today.

MONGODB **SPONSORED**



The Simplifying Power of SQL Views in Data Reporting — A powerful way to build an in-database reporting layer is to create *views*, an abstraction that can greatly simplify queries and enhance the accessibility of data.

LUC PERKINS

Set Theory: The Method to Database Madness — If you've not formally studied math, you might find this primer on set theory (and how it relates to databases) useful.

VADEHI JOSHI

Six Things to Know About Securing Your Database — Whether you store secret government information or standard user data, you don't want some unknown person to access to your database.

VERTABELO

IN BRIEF

[The Struggle for Hegemony in Oracle's Database Empire](#) — Oracle and MySQL are fighting it out in DB Engines' rankings.

DB ENGINES **NEWS**

[Only a Fraction of 160 Zettabyte 'Datasphere' to Be Stored](#) — The Internet of Things will contribute to 10x more data being produced in 2025, claims an IDC report.

DATANAM **NEWS**

[Breaking the WiredTiger Logjam: The Write-Ahead Log](#) — A series digging into the WAL of MongoDB's newest storage engine.

SUE LOVERSO

[How to Maximize Availability Using Apache Cassandra](#)

BEN SLATER

[SQL Server's Pivot and Unpivot Features Explained](#)

GAVIN DRAPER

[Sending Apache Logs to Amazon Elasticsearch Service with Kinesis Firehose](#)

AMAZON

[Advanced Stored Procedures in MySQL](#)

PETER LAFFERTY

[Webinar: How to get mega performance for your metadata](#) — Learn how you can get better performance out of key content and metadata-oriented databases like Couchbase

SELECTSTAR **SPONSORED**

[MySQL's Evolution From 5.6 to 8.0 in 42 Slides](#) — A quick tour of what's changed along the way.

MICHAEL BENSOUSSAN

[That Giant Sucking Sound? Hadoop Moving Into The Cloud](#) — Companies like Google and Amazon are tripping over themselves to pick up people tired of running Hadoop locally.

JAMES GOVERNOR

[Why To Favor Postgres Over MySQL or MariaDB](#)

HANS-JUERGEN SCHOENIG

[The Big Old Reliable Elephant: Talking About Postgres with Craig Kerstiens](#) — An interview covering the benefits of Postgres over other databases.

FEDERICO CARRONE

[High Available and Scalable Open Source Database - SiriDB](#) — SiriDB is robust, fast and has a unique query language that makes it easy to create charts for your application.

TRANSCPTOR TECHNOLOGY **TOOLS** **SPONSORED**

[EVM: A Simple Elasticsearch Version Manager](#) — So simple that it's really just a bash script.

DUY DO **TOOLS**

[Tad: A Tabular Data Viewing App for macOS](#) — View CSV-style data in a data grid which can also be used as a pivot table.

TADMEWER.COM **TOOLS**

[Pilosa: A Distributed Bitmap Index, Powered by Go](#) — An open source, distributed bitmap index system for accelerating queries across massive data sets. [Intro here.](#)

PILOSA **CODE**

[LMDB: A Look Back At The First Version of Redis, Written in Tcl](#)

SALVATORE SANFILIPPO **CODE**

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