« Prev

Next »

#195 — MARCH 16, 2018 READ ON THE WEB

# **Database Weekly**

Top 10 SQL Dialect Emulations Implemented in jOOQ — An interesting look at 10 ways various database implementations deviate from the SQL standard including WITH TIES, FETCH, and DISTINCT.

**3 Database Modelling Anti-Patterns** — Looking into some classic anti-patterns: entity attribute values, multiple values in a single column, and how using UUIDs can be an anti-pattern too.

DIMTRI FONTAINE

JackDB: A Modern Database Client — JackDB is a web-based database client with built-in tools for security and collaboration. Sign up for a free trial today.

JACKDB, INC. SPONSOR



**Stack Overflow Users' Database Preferences** — Stack Overflow's 2018 survey results are out with MySQL and SQL Server being the most popular databases in use, Redis the most *loved*, IBM Db2 the most 'dreaded', and MongoDB the one most non-users want to learn *next*.

STACK EXCHANGE

Redis	64.5%
PostgreSQL	62.0%
Elasticsearch	59.9%
Amazon RDS/Aurora	58.8%

The most loved databases as voted by Stack Overflow users

▶ The Time Series Database Lectures — Fascinating set of 6 lectures from the end of 2017 covering InfluxDB, time series analytics, TimescaleDB & more.

CARNEGIE MELLON UNIVERSITY

**HeidiSQL: A Native Windows App for Database Work** — If you're on Windows and use MySQL, SQL Server, or PostgreSQL, HeidiSQL is a handy, open source database management tool.

ANSGAR BECKER

**Using the Serverless Cloud for ETL Scenarios** — An amazingly thorough walkthrough / tutorial covering a real world scenario of using Azure Functions to process a CSV file and import data into Azure SQL. JEREMYLIKNESS

ClickHouse: Open-Source Distributed Column-Oriented DBMS — An open-source column-oriented database management system that allows generating analytical data reports in real time. GitHub repo. YANDEX

**Top 3 New Features in Apache Spark 2.3** — Continuous streaming, Kubernetes support, and Python support for vectorized user defined functions.

ALEXWOODIE

#### **SelectStar: Turn Database Monitoring Information into Actionable Insight**

SELECTSTAR SPONSOR

**Introducing MongoDB Weekly** — We've got a new newsletter covering the vast ecosystem surrounding the most popular non-relational database.

COOPERPRESS

### **Updating a 50 Terabyte PostgreSQL Database**

REINIER HAASJES

#### MySQL Security for Real Users

GIUSEPPE MAXIA

#### ☐ Tips & Tutorials

### **Loading Terabytes of Data from Postgres into BigQuery**

STATSBOT

### Detect Sensitive Information in NoSQL Documents Automatically with Couchbase Functions —

Uses a new 'Eventing' service in the latest Couchbase Server 5.5.

NIC RABOY

### Creating a Data Redaction Capability to Meet GDPR Requirements — The General Data Protection

Regulation is a new EU law for data protection.

MARC LINSTER AND RENEE DEGER

### All The Ways You Can Corrupt an SQLite Database File

**SQLITE** 

#### **Database Normalization and Primary Keys**

DIMITRI FONTAINE

### □ Tools & Code

Beaker: A Distributed, Transactional Key-Value Store — Written in Scala.

ASHWIN MADAVAN

#### redis-cell: A Redis Module That Provides Rate Limiting Functionality

BRANDUR

# Linux Cloud Hosting Starting at 1GB of RAM for \$5/mo

LINODE CLOUD HOSTING SPONSOR

#### Golden Oldies

▶ SQLite: The Database at the Edge of the Network — A great view into SQLite's history and situations where it shines.

DR. RICHARD HIPP

### ► How Modern SQL Databases Come Up with Algorithms You Never Dreamed Of

LUKAS EDER

#### How to Pivot Data Rows-to-Columns with SQL

MARKUS WINAND

## Real-Time Deduping At Scale with Redis

TAPJOY ENGINEERING

# Want to subscribe? Enter your address here

# Subscribe now »

Easy to unsubscribe at any time. Your e-mail address is safe — here's our privacy policy.