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Database Weekly

Issue 144 — March 3, 2017

FEATURED

PumpkinDB: An Event Sourcing DB Engine That Doesn't Overwrite Data — A compact event sourcing database, featuring on-disk storage, flexible approach to event structure & encoding, sophisticated event indexing and querying. Open source, written in Rust.

PUMPKINDB.ORG **TOOLS**

Redis Pub/Sub Under The Hood — *"I show how Redis Pub/Sub works in detail, all the way down to the bits and bytes"*

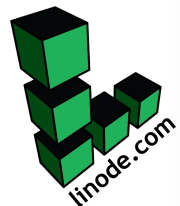
JIM FISHER

usql: A Universal Command-line Interface for SQL Databases — Aims to provide a single interface for PostgreSQL, MySQL, Oracle, SQLite, and SQL Server.

KNQ **TOOLS**

Linode is the SPEEDIEST SSD host for your DB - simple, reliable & powerful. — MySQL? MariaDB? PostgreSQL? Whatever DB you use, run it on a Linode, the most scalable, reliable and fastest servers in the cloud. Use promo code DB20 for a \$20 credit and get started!

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8 New Products You'll See At Strata + Hadoop World — The major big data conference is just around the corner. Expect to see a new Python-based deep learning framework, a Hadoop-based storage system built by Uber, and Apache DistributedLog there.

DATANAM

How to Use Blockchain to Build A Database Solution — Why would you want to use blockchain to build a database solution? And how would you actually do that? BigchainDB has answers.

ZDNET

SQL Text Analysis with Donald Trump's Tweets — A relatively light hearted look at doing some sentiment analysis on Trump's tweets and then extracting further insights from that with SQL.

PERISCOPE

Twenty Years Old, PostgreSQL Maintains its Vigor in the Big Data Age — Even as new database systems such as Google's Cloud Spanner and TiDB come on the scene, the 20-year-old open source PostgreSQL seems to be holding its own.

SUSAN HALL

Use All The Databases (with GraphQL) — The author of *GraphQL: The New REST* shows how to combine data from multiple sources using GraphQL.

LOREN SANDS-RAMSHAW

IN BRIEF

[HopsFS To Bring 16x Performance Gains for Hadoop](#) — Delivering over 1.2 million operations per second.

RISE SICS **NEWS**

[Basic Kafka and Postgres Integration with Kafkacat and COPY](#)

EMANUEL CALVO

[Net Promoter Score and Survey Analysis in SQL](#)

PERISCOPE

[Calculating Summaries with Histogram Frequency Distributions in SQL](#)

SILOTA INC

[\[eBook\] Best Practices for Architecting Highly Monitorable Applications](#) — This ebook collects the experience of a variety of seasoned architects combines it with user feedback.

VMD CORTEX **SPONSORED**

[Analyzing 4 Million Yelp Reviews with Python on AWS](#)

GARETH DWYER

[A Data Model for a Medical Appointment Booking App](#) — The latest in Vertabelo's relational data modelling series.

VERTABELO

[Setting Up MySQL Cluster 7.5.5 on Ubuntu 16.04](#)

MEDIUM

[Using Python for Data Visualization with MapD Core, A GPU Database](#)

SANDHYA KRISHNAMURTHY

[How can you help your team write better, shareable SQL faster?](#) — Learn more with our free video tips showing how SQL Prompt lets you write, refactor, and share SQL.

RED GATE **SPONSORED**

[4 Ways VR Will Change Big Data](#) — *"What if you could stand in the center of massive data, step towards one data point, then fly towards an outlier?"*

DATANAM

[DistributedLog: A High Throughput, Low Latency Replicated Log](#)

APACHE FOUNDATION **TOOLS**

[SpreadsheetDB: A DBaaS You Can Query With a Spreadsheet](#)

SPREADSHEETDB **TOOLS**

[kynode: A LevelDB-Based Key/Value Server with Redis API Support](#)

JOSH BAKER **CODE**

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