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Database Weekly

Issue 150 — April 14, 2017

FEATURED

DB Fiddle: A Web-Based SQL Database Playground — Think of [JS Fiddle](#) but for playing with SQL in the browser. It offers MySQL 5.5-5.7 and Postgres 9.5-9.6 backends.

STATUS200 **TOOLS**

Writing a Time Series Database from Scratch — [Prometheus](#) is an open source monitoring tool that includes a custom time series database. This is a deep dive into fleshing out a new architecture to address the existing database engine's shortcomings.

FABIAN REINARTZ

New Features Coming to PostgreSQL 10 — Brief summaries on the key features coming to Postgres soon, including declarative partitioning and durable hash indexes. It's going to be a huge release.

ROBERT HAAS

Webinar: Better Azure SQL Performance — Learn how to reduce development times by getting a better understanding of how your Azure SQL workloads are really performing. [Register now.](#)

SELECTSTAR **SPONSORED**



Databazel: Open Source Analytics and Reports for MongoDB — Directly connects to MongoDB (no ETL necessary) and presents results in a visual dashboard reporting interface.

JS SOLUTIONS **TOOLS**

QuickDBD: Draw Database Diagrams Simply By Typing — You write out a schema in a simplified text format (almost like SQL's answer to Markdown) and it produces good looking diagrams. No signup needed.

DOVETAIL TECHNOLOGIES **TOOLS**

How Reddit Built A High Traffic Pixel Art Gallery — Reddit built an interactive pixel art system (called [/r/place](#)) that had to work with 100,000s of users from day one. This fascinating post goes into the details including why Cassandra was rejected as a data store, and how Redis was used.

REDDIT

Elasticsearch Cluster Lifecycle at eBay — A look at some of what's involved with streamlining the rollout and management of Elasticsearch clusters.

SUDEEP KUMAR

IN BRIEF

[Announcing MySQL Server 5.7.18, 5.6.36, and 5.5.55](#)

MYSQL **NEWS**

[Explore the Future of Open Source Data Management](#) — Join IAG, MasterCard, TripAdvisor, and more at Postgres Vision June 26-28. \$200 off with code DBWEEK by May 19.

POSTGRES VISION 2017 **NEWS** **SPONSORED**

[Analyzing Changing Workloads with the Universal Scalability Law](#)

BARON SCHWARTZ **TUTORIAL**

[Real World Full-Text Search using MongoDB](#)

STEAMLAYERS **TUTORIAL**

[A Few Quick MySQL Tips for Developers](#)

TIT PETRIC **TUTORIAL**

[How PostgreSQL's Advisory Locks Work](#)

VLAD MIHALCEA **TUTORIAL**

[AWS DynamoDB Overview](#) — What I've learned about Amazon's NoSQL database offering, DynamoDB.

LEWIS GAMN **TUTORIAL**

[Enabling Successful Spread Betting with In-Memory Computing \(IMC\)](#) — Speed is of the essence in any trading environment.

DATANAM **STORY**

[Is DBA Job Growth Slowing?](#)

REDDIT **OPINION**

[Apache Kafka vs Amazon Kinesis to Build a High Perf Distributed System](#)

KYLE WILD **OPINION**

[Surveying the Go\(lang\) Database Landscape](#)

PETE GARCIN **OPINION**

[SQL Source Control: track each change to your SQL Server database](#) — Get a full history in your source control system. See who made changes, what they did & why. [See how](#).

RED GATE **TOOLS** **SPONSORED**

[MySQL InnoDB Cluster GA Now Available](#) — An integrated, native, full-stack HA solution for MySQL from the MySQL Server team.

MIKE ZINNER **TOOLS**

[NStack: Type-Safe, Composable Microservices for Data Analytics](#) — A compute platform for processing streams.

NSTACK **TOOLS**

[PgComment: A Postgres Schema Commenting Tool for Windows](#)

YOHZ SOFTWARE **TOOLS**

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