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## Database Weekly

Issue 95 — March 11, 2016

### FEATURED

**Microsoft Announces SQL Server for Linux** — The software giant takes another step towards Linux by announcing the availability of its flagship database server, SQL Server, on Linux in 2017.

MICROSOFT

**A Database Model for Simple Board Games** — Vertabelo is back with another one of their great database design articles. This time, they look at how to very generically represent board game moves and players.

EML DRKUŠIĆ

**KairosDB: A Fast Time-Series Database on Cassandra** — A fast distributed scalable time series database written on top of Apache Cassandra.

KAIROSDB [CODE](#)

**Government Open Source Mandates Drive Postgres Adoption Worldwide** — Commercial DBMSs with their high license and maintenance costs and vendor lock-in make it difficult for government IT managers to effectively meet new operating challenges. Open source DBMSs provide performance and security at enormously reduced costs — learn more.

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**SQL JOIN or EXISTS? Chances Are, You're Doing it Wrong** — “A lot of developers get the distinction between JOIN and SEMI-JOIN wrong. Let me explain..”

JOOQ

**700 SQL Queries per Second in Apache Spark with FiloDB** — Apache Spark is increasingly thought of as the new ‘jack-of-all-trades’ distributed platform for big data crunching. This post looks at using it for low-latency, high concurrency reporting type applications.

EVAN CHAN

**PipelineDB 0.9 Released with Postgres 9.5 Compatibility** — Pipeline is an open-source relational database that runs SQL queries continuously on streams.

PIPELINEDB [TOOLS](#)

**ActorDB: The Ideal Datastore for Microservices** — It's a highly distributed SQL database with linear scalability.

BICKODA

**With SQL Server 2016, Microsoft Focuses On Speed and Security** — SQL Server 2016 promises to be significantly faster than 2014, both at a baseline level and potentially 100x faster when you use the new in-memory columnstores.

TECHCRUNCH

**JOBS**

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## IN BRIEF

[Unlimited Scalability & Unprecedented Speed with In-Memory Computing](#) — GridGain enables high-performance transactions, real-time streaming and fast analytics using a distributed, massively parallel architecture.

GRIDGAIN IN-MEMORY DATA FABRIC **TOOLS** **SPONSORED**

[Apache Cassandra 3.4 Released](#)

JAKE LUCIANI **NEWS**

[MongoDB Plans 'Giant' Event in June](#) — It'll even include They Might Be Giants, and Adam Savage of Mythbusters.

DATANAM **NEWS**

[Microsoft Aims for Oracle with Aggressive SQL Server Migration Offer](#) — MS is offering Oracle migrants free licenses, with a catch.

ZDNET **NEWS**

[Finding Hashtags in Elasticsearch 1.7](#)

PIXLEE

[Rolling Classifications by X Previous Aggregations in SQL](#)

PERISCOPE

[Anybody Here Used ArangoDB and Have Anything to Say About It?](#) — The discussion attracted someone from ArangoDB who answered some questions.

REDDIT

[The Future of Hadoop is Misty](#)

HAIFENG'S RANDOM WALK

[Database Guru Gordon Linoff Explains The Design Process And Data Mining](#)

AHMED KHAN

[Redis Performance Dashboard and Autoscaling from RedisGreen](#) — Redis auto-scaling and analytics. Backed by support from engineers with years of Redis scaling expertise.

REDISGREEN **TOOLS** **SPONSORED**

[MongoDB Partial Export: Dump Part of A Mongo Database using Your App's Data Model](#)

APPLIDGET **TOOLS**

[goatfish: A Small, Schemaless Python ORM Backed by SQLite](#)

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