MySQL: An Ecosystem, Not Just a Company

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Year in Review

- Recession
- Fuelled MySQL adoption
- Acquisition
- Pressure to cut costs will always exist
MySQL descendants & cousins

Storage Engines

... FederatedX
PBXT

INNODB

3.23 4.0 4.1
MyISAM
Unireg

"Abandoned patches on the Internet"
Ebay
Google
Antony Curtis

OurDelta

XtraDB + Percona
XtraDB Server

MySQL 5.0
MySQL 5.1
MySQL 5.5
MySQL 5.4
MySQL 6.0

XAMPP (Win)

Drizzle

Monty Program

MariaDB
MySQL descendants & cousins
MariaDB

MariaDB 5.1

- Released in February 2010
- Home for engine vendors to get distributed
- Stable automated QA
- Open source build system
- Accept community patches
What we did for 5.1?

- Optimiser fixes for faster complex queries
- Pool of threads using libevent
- Table elimination
- Fixing test failures and compiler warnings
Read-only engine performance

- Synthetic benchmark
- Ramdisk: no physical disk IO
- HANDLER statement: bypass SQL parser, optimizer
- Compares “pure engine performance”, raw IOPS
- Performed by Mark Callaghan
Partitioned Key Cache

Peter Sandström, split key cache mutexes into parts (32), better concurrency, 70% improvement in random SELECT of 50 rows (read only)
MariaDB 5.2

- OQGRAPH, SPIDER, and SPHINX storage engines
- Group commit in Maria engine
- userstats-v2
- Virtual columns
MariaDB 5.2

• OQGRAPH, SPIDER, and SPHINX storage engines

MariaDB 5.2.0 Beta is released today.
Visit http://mariadb.com/ now!

• Group commit in Maria engine

• userstats-v2

• Virtual columns
Forward looking statements you can trust

• MariaDB 5.3
• Optimiser enhancements from MySQL 6 are being backported
• Pluggable replication API
• New batch of Google, Facebook, eBay, etc. patchsets
Rename Maria Contest

- Maria: enhanced MyISAM
- Expo Hall: Booth #106 or via askmonty.org website
- Winner announced in May 2010, receive a System76 NetTop computer
One more thing

- We have 2 Meerkat NetTop’s to give away

- Enter the raffle at Booth #106, and winner will be drawn at 16:00 today. You must be at the booth to win.
Behind MariaDB: Monty Program Ab

- Employs top MySQL talent
- Based on The Hacking Business Model
- Focus: engineering projects
- 24/7 support subscriptions via Monty Program Support Partner Network
MariaDB Unlimited Support Subscription

• Covers both MariaDB and legacy MySQL
• Network of local support partners, backed by developers at Monty Program
• Sign up for a fixed price from today!
• Unlimited monitoring via MONyog
MariaDB Unlimited Support Subscription

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Come to our booth today to learn more about this!
My dream for the ecosystem

• MySQL is an ecosystem, not just a company

• Re-build where everything is open source

• Engineers - developers & QA, work together, employed by different companies

• Contribute code to one main trunk

• Multiple service companies offering enterprise grade global 24/7 support
Thanks! - Q&A

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