
Kurt von Finck

Chief Community and Communications Officer
Monty Program
Seatbacks and tray tables upright and locked, please.
MariaDB: What?

HUH
WHAAAT?!
MariaDB: What?

- Community developed
- Feature enhanced
- Backward compatible
Community Developed

- Monty Program is the corporate steward, not the “owner”
- Patches, bugfixes and feature enhancements by the larger FLOSS community are welcomed
- Development, roadmap, release cycle and other issues are open for community involvement
- Development and discussions are transparent
MariaDB: What?

- Code hosting on Launchpad
- Accessible Bazaar branches
- Worklog
MariaDB: What?

- #maria on Freenode
- Launchpad groups and lists
- Free and open documentation
MariaDB: What?

- Feature enhanced
  - New storage engines
  - New features
  - Community patches
  - Bugfixes
MariaDB: What?

- MariaDB 5.1 enhancements
  - PBXT, XtraDB, Maria, and FederatedX engines
  - Slow query log extended statistics
  - Microsecond precision in processlists
  - Table elimination optimization
  - Pool of threads
MariaDB 5.2 enhancements

- Virtual columns (Andrey Zhakov)
- Pluggable authentication
- Services for plugins (from MySQL 5.5)
- Percona userstat v2
MariaDB: What?

- MariaDB 5.3 planned enhancements
  - Backport optimizations for derived tables and views
  - Subquery optimization: Efficient NOT IN execution with NULLs
  - Subquery optimization: Avoid recalculating subquery if external fields values found in subquery cache
  - Subqueries: cost-based choice between Materialization and IN-EXISTS transformation
MariaDB: What?

- Enhancement roadmap is publicly available on the wiki
- Expect enhancements from the upstream version of MySQL
- Worklog is publicly viewable
- Proposals welcome
- Code welcome
MariaDB: What?

- Backward compatible
- Drop-in replacement
- Compatible tools
- Familiar services and commands
- As least disruptive to existing workflows as possible while providing compelling new functionality and fixes
MariaDB: What?

- MariaDB is released under the GPLv2
- There is no “Enterprise Version” with a separate release date
- There is no “Enterprise Version” with better functionality
- The very best work done by the community and Monty Program is made available to everyone under the same Free terms
MariaDB: What?

- MariaDB 5.1.42 released February 2010
- MariaDB 5.1.44 released March 2010
- MariaDB 5.2 Beta 1 released April 10
- Source packages
  - .tgz for Linux and Solaris
  - .deb and .rpm packages
MariaDB is a project, not a product.
MariaDB: Who?

- **Monty Program**
  - Founded by Monty in February 2009
  - ~20 people working in a distributed environment
  - The Hacking Business Model
  - MySQL alums, alumni from other FLOSS projects, new people
  - Employs many of the original authors of MySQL features
The Open Database Alliance

- Vendor consortium to provide services around databases
- Provides single point-of-contact for sales, support and NRE
- Open to any company
MariaDB: Who?

- Any interested developer
- Any interested user
- Any interested company
- You?
MariaDB: How?

- Contributions from Monty Program
- Contributions from the community
- Launchpad code hosting
- Bazaar version control
- Worklog hosted by Monty Program
- Initial code pulls from the GPL source of MySQL
Mariadb: How?

- Discussions on IRC
- Discussions on Launchpad-hosted mailing lists
- Low-traffic announce list
- Public roadmap
- Public worklog
MariaDB: How?

- “If you take the work seriously, you're doing it right. If you take yourself seriously, you're doing it wrong.”

- Using, administering and contributing to MariaDB should be a fun and rewarding experience

- Meritocracy is the best approach

- “There are no stupid questions, only stupid answers.”

- The community should be embraced as a stake-holding partner
Save the people, save the project!
MariaDB: Why?

- Provides a safe harbor for those with a large investment in MySQL
- The GPL provides guarantees that corporate promises cannot
- Oracle has made promises to the EU about the future of MySQL, but ...
MariaDB: Why?

Promises

Don't count if you cross your fingers.
MariaDB: Why?

- Who do you trust?
MariaDB: Why?

- MySQL succeeded as an open source product
- MySQL failed as an open source community project
- MariaDB hopes to succeed where MySQL failed
- MariaDB is safe from the needs of marketeers, accountants, and other staff that drive decisions in large companies
- As regards community involvement, MySQL crashed and burned
MariaDB: Why?

- We can rebuild it. We have the technology. We can make it better than it was before. Better, stronger, faster.
MariaDB: How?

- Launchpad code hosting
  https://launchpad.net/maria

- Launchpad groups
  maria-discuss
  maria-developers
  maria-captains

- #maria on Freenode IRC
MariaDB: How?

- http://mariadb.com
- http://montyprogram.com
- http://odba.org
MariaDB: How?

- buildbot distributed build system
- All build system tools are available to the public
- All build system tools are easily run on any supported architecture
- To build MariaDB (or MySQL) you no longer need to be an employee
- buildbot slaves are always welcome
MariaDB: At the Conference

- **Tuesday**
  - 1505-1555: Henrik Ingo & Igor Babaev - Valuable MariaDB features
  - 1715-18.00: Sergei Golubchik - MySQL Plugin API: New Features

- **Wednesday**
  - 0915-1000: Monty - State of MariaDB keynote
  - 1155-1240: Monty - MariaDB Release 5.1; What Is It and What to Expect From It
  - 1400-1500: Timour Katchaounov - The MariaDB/MySQL Query Executor In-depth
  - 1900: Monty – The Full Monty Ignite talk

- **Thursday**
  - 1155-1240: Sergey Petrunia - New Query Engine Features in MariaDB
MariaDB: At the Conference

- Booth in the Expo Hall
- Sponsored open hacking space
- MP employees and MariaDB community members are everywhere!
- BOFs
- Yes, yes … there's black vodka
Any questions?
THANKS FOR COMING!