

Developing modern applications with MySQL

MySQL Overview
Effective MySQL Architecture and Design Practices
Effective Software Development with MySQL
Effective Web Site Operations
Upcoming MySQL features for modern applications



Helsinki
20 Aug



Stockholm
21 Aug



Riga
26 Aug



Tallinn
27 Aug

@RonaldBradford



MySQL Overview

Ronald Bradford
August 2014

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MySQL Overview

MYSQL OVERVIEW

- * What is MySQL?
- * Who choose MySQL?

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MySQL Overview

WHAT IS MYSQL?

- * Started as a RDBMS (1995)
- * Today, a suite of products

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MYSQL FEATURES

- * Standard RDBMS Features
 - * Schemas, Tables, Views, Constraints, Indexes, Triggers, Stored Procedures, Partitioning
 - * ACID
 - * Referential Integrity
 - * Varying Locking/concurrency strategies

MYSQL POPULARITY

- * LAMP
 - * Linux, Apache, MySQL, PHP
- * Included in Linux distributions

MYSQL BENEFITS

- * Small footprint
- * Easy configuration
- * Ease with common programming languages
- * FREE

MYSQL PRODUCTS

- * MySQL Community Edition
- * MySQL Cluster
- * MySQL Connectors
- * MySQL Workbench
- * MySQL Fabric
- * MySQL Utilities
- * Windows/Mac Install
- * Repositories (Yum/Apt)



Open Source

<http://dev.mysql.com/downloads/>

MYSQL ENTERPRISE

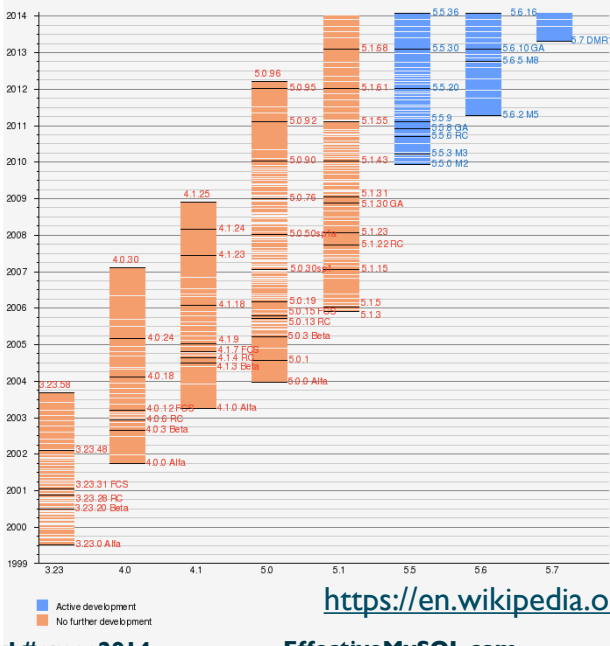
- * MySQL Enterprise Edition
- * MySQL Enterprise Backup
- * MySQL Enterprise Monitor
- * MySQL Enterprise HA
- * MySQL Enterprise Audit
- * MySQL Workbench Enterprise

Commercial

<http://www.mysql.com/downloads/>

RELEASE CYCLE

- * **Labs** - Experimental features
- * **DMR** - Development Milestone Release
 - * Version 5.7.4
- * **GA** - General Availability
 - * Version 5.6 (3/2013)
 - * Version 5.5 (12/2010)
- * **EOL** - End of Life
 - * Version 5.1, 5.0, 4.1, 4.0, 3.23
- * **DOA** - Never Released
 - * Version 5.4, 6.0



<https://en.wikipedia.org/wiki/MySQL>

3RD PARTY REFERENCES

- * OurSQL Podcasts
 - * <http://www.oursql.com/>
- * Planet MySQL
 - * <http://planet.mysql.com/>
- * MySQL Sandbox
 - * <http://mysqlsandbox.net/>
- * Percona Toolkit
 - * <http://www.percona.com/software/percona-toolkit>

Many More

MYSQL ECOSYSTEM

- * Oracle MySQL
 - * Percona Server
 - * MariaDB
 - * Galera Cluster
 - * Tokutek
 - * WebScaleSQL
 - * ...
 - * Oracle Support
 - * From Dual
 - * Severalnines
 - * SkySQL/Monty Program
 - * Pythian
 - * Percona
 - * ...
- Products
- Services

CONCLUSION

Copies of these slides can be found at

<http://effectiveMySQL.com>

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