

State of MariaDB 5.1

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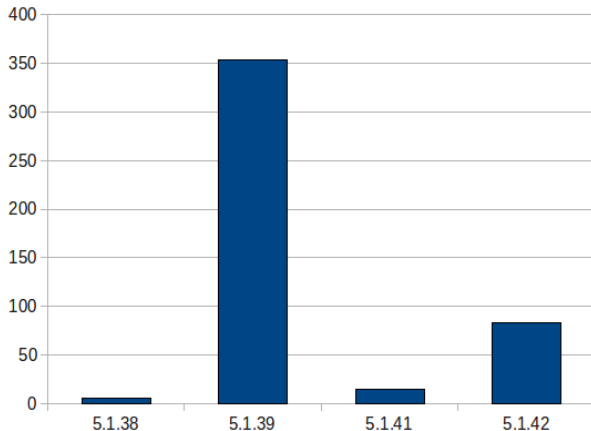
MariaDB Developer
Monty Program AB

Reykjavik company meeting 2010

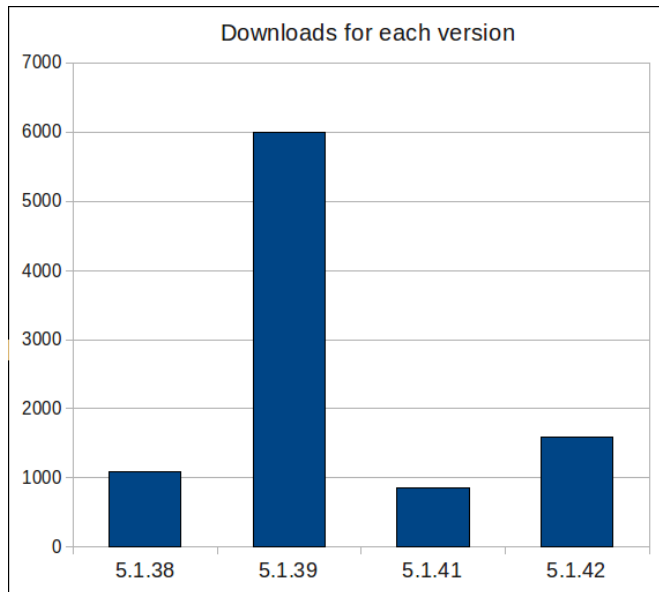


Status of 5.1 release: download stats

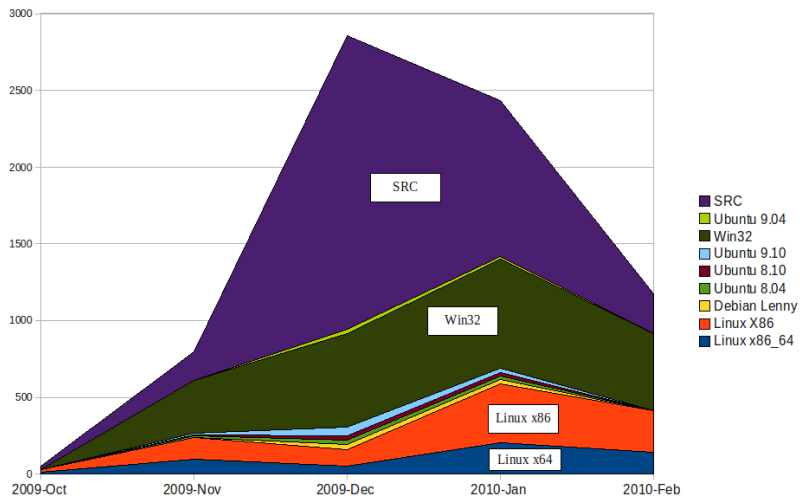
Downloads per day for each version
(assuming everyone downloads the latest)



Status of 5.1 release: download stats



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Status of 5.1 release

- Bug stats: a handful or two got reported:
 - Build issues
 - Packaging issues
 - Test suite
 - (Small) contributions (docs, Windows stuff)
- Feedback:
 - Generally people seem happy that we are there for the future
 - Interest in packaging/repositories
 - Mainly positive feedback



What we did and what we can still do better

- Show we have the ability to release (5 releases so far)
- Release build fully automated in Buildbot
 - Push to 5.1-release and 4 hours later a directory with all packages is ready on buildslaves
- Ourdelta binaries seem to be more labor intensive
- Package problems generally show up in Buildbot
 - Release coordinators to check and react on problems?
 - Still missing MariaDB 5.x->5.y upgrade testing, rpm/bintar upgrade testing.
- More or less only Linux on intel/amd
 - Solaris 64-bit package exists, but not well tested
 - Windows Buildbot machines only 80% finished



What we did and what we can still do better: merging

■ Merging MySQL

- Kristian, Monty, SergeyFP
- Plan is Monty will do next merges
- Currently 2 releases behind (MySQL 5.1.44 released)
 - Currently no fixed policy for when to release
 - History: .32 .38 .39 .41 .42 (.44+)
 - Release when we have time, have a security fix, ...
 - Any future policies for how current we should be?

■ Merging PBXT

- Paul McCullagh does the merges
- PBXT people generally responsive
- ... but PBXT merges are expensive, done manually due to bzr bug



What we did and what we can still do better: merging

- Merging XtraDB
 - Kristian generally does the merges
 - Automated with bzd, but some manual work due to multiple upstreams
 - XtraDB people generally not very responsive
 - Often confusion about when to merge, which bzd tree to merge, etc.
 - Would be nice with closer connections with Percona people
 - Maybe something to establish at UC
 - Do we have anyone with personal connections that could help?



What we did and what we can still do better: merging

- Currently, merges are not reviewed systematically
- Some problems caught in parts that are reviewed
- Would be nice to do full reviews, but do we have the resources?
 - ... and who will fix any problems found
- Test suite/Buildbot catches many merge problems (hopefully most)



What we did and what we can still do better: test suite/Buildbot

- Currently, Kristian and Monty are fixing most problems in Buildbot (and SergeyFP)
- Any help appreciated!
- I consider a green Buildbot quite important
 - The Buildbot testsuite is the only consistent QA between push and deploy
 - Important to be aware of what Buildbot does not cover



What we did and what we can still do better

- Security bugs
 - We have a mailing list
 - Sergey Golubchik is handling
- Responding to community requests and contributions
 - Kristian and Monty have been handling
 - I think it is very important at this stage to be responsive!
 - Can we involve other developers and/or community team?
- Responding to bug reports
 - Similar to responding to community
 - We probably cannot work on all MySQL/MariaDB bugs
 - No process yet for deciding which bugs to work on
 - No process yet for ensuring that all bugs are dealt with

