



MySQL University: Code Contributions

Lenz Grimmer, Sun Microsystems
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MMCF Initiative

- Making MySQL (even more) Contributor Friendly
- Implementing/reinforcing “Golden Rules”
 - > Rules leading to prosperous contribution-based communities
 - > <http://tinyurl.com/goldenrules>
- Helping community contributors
- Opening up the development processes and practices
- Small, incremental changes/improvements

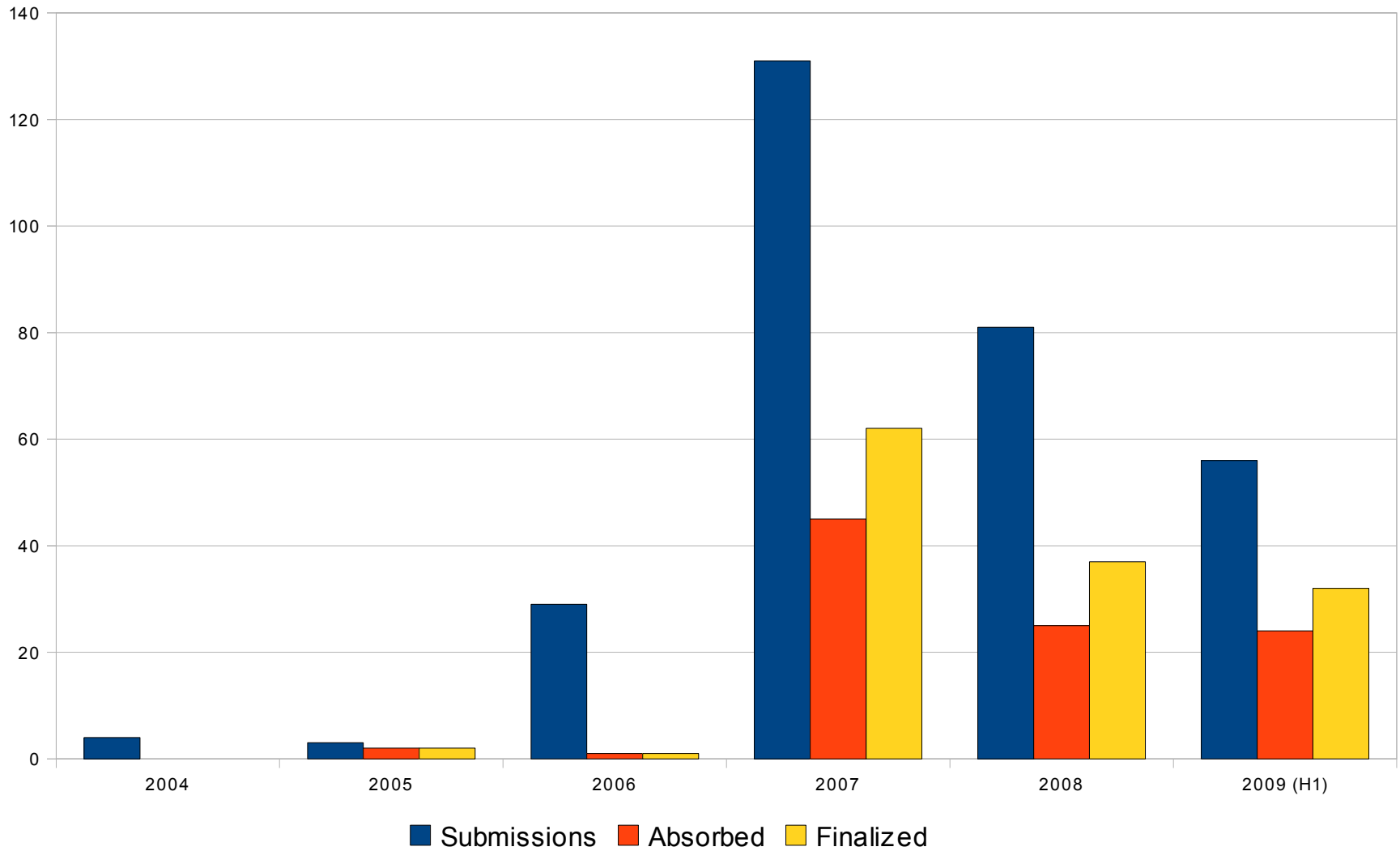
Making MySQL Contributor Friendly

- Implementing the “Golden Rules”
 - > Transparency
 - > Dialog
 - > Pace
 - > Setting expectations
 - > “Small is beautiful”
 - > Differences
 - > Places
 - > Parallelism; Incrementalism; Learning

Making MySQL Contributor Friendly

- Acceleration team – Feb. 1, 2009
- New Sun-compliant SCA process
- 29 signatories as of today (June 2009)
- Good support in the MySQL engineering organization
- Reviewing and absorbing contributions
- Building a learning, collaboration “platform”

MySQL Code Contributions through Bugs DB



Process Simplification

- Simplifying the contribution process
- Simplifying how contributors interact
 - > Emphasis on open development practices
 - > Emphasis on open dialog
 - > Emphasis on participation
 - > Emphasis on “golden rules”!

Updates/Improvements

- Moved from BitKeeper to Bazaar
- MySQL Forge Wiki updates/simplifications
<http://forge.mysql.com/wiki/Contributing>
http://forge.mysql.com/wiki/Contributing_Code
- Simplified legalese: Sun Contributor Agreement (SCA)
<http://forge.mysql.com/wiki/SCA>
- More frequent releases
- New development/release cycle
http://forge.mysql.com/wiki/Development_Cycle

Contribution Processes

- Monitoring how contributions are handled
- Keeping track of pending contributions
- Documented Workflow for reviewers
- Processing the backlog

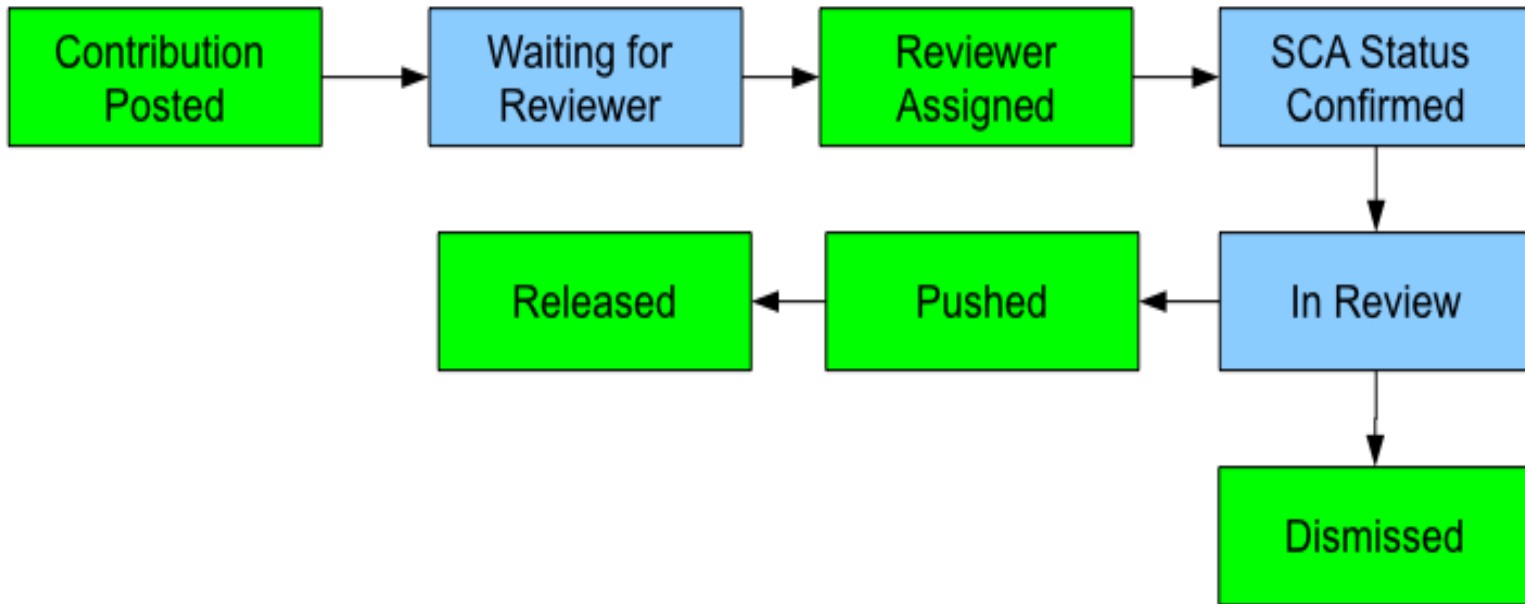
Simplified Interaction Tooling

- Work through BugDB
- Work through internals mailing list
- Looking into even simpler tool for interacting with contributors, for issue tracking, etc.
- Launchpad for source trees / merge proposals
- Pushbuild

How to Contribute Code to MySQL

- <http://forge.mysql.com/wiki/Contributing>
- **Development Cycle**
http://forge.mysql.com/wiki/Development_Cycle
- **Quality Standards**
http://forge.mysql.com/wiki/MySQL_Internals_Coding_Guidelines
http://forge.mysql.com/wiki/Code_Review_Process
- **Architectural Standards**
http://forge.mysql.com/wiki/MySQL_Internals
- **Sun Contributor Agreement (SCA)**
<http://forge.mysql.com/wiki/SCA>

Code Contribution Workflow



Tools for Contributors

- Bazaar
<http://forge.mysql.com/wiki/Bazaar>
- Launchpad -
<http://launchpad.net/mysql-server>
- MySQL BugDB
http://forge.mysql.com/wiki/Reporting_Bugs
- MySQL Internals mailing list
http://forge.mysql.com/wiki/Internals_Mailing_List
- Pushbuild / Buildbot?

Questions / Discussion