

LSST Database Hangout 2014-08-27

Date

27 Aug 2014

Attendees

- [Jacek Becla](#)
- [Unknown User \(danielw\)](#)
- [Andy Salnikov](#)
- [Fabrice Jammes](#)

Goals

- Get together, resolve all bottlenecks, make progress faster, plan, exchange ideas

Discussion items

Fine tuned W15 plan

- DM-1034
 - check for scalability problems
 - spanning multiple file systems
 - idea: perhaps always bring data through butler to avoid silly copying of the same data, or bringing data without metadata
- DM-1033
 - throw quick prototype early
- Butler work and image archive - Swap assignment: AndyS with Serge

problems with building test program with g++ (GCC) 4.8.3 20140624

- comment out the line that builds that test program, it is an obsolete test and will be removed
- create story under refactoring: "remove code made obsolete by new xrootd port (czar and worker)" (see DM-1145)

publishing on lsst distribution server:

- need write permissions lsstsw
- Fabrice will stop his own distribution server
- useful link related to buildbot: [Triggering a Buildbot Build]<https://confluence.lsstcorp.org/display/LMDG/Triggering+a+Buildbot+Build>

DM-602 (installing without network)

- Fabrice has working draft

Topics for meeting with Monty

- splitting myisam so that we can build it as lightweight library
- proxy
 - lua painful
 - lua is single-threaded, can't block on calls
 - MaxScale and ProxySQL. Both seem lower in maturity than mysqlproxy. In both, the focus is on scalability and load-balancing, and customizability is focused on rewriting queries
- narrow table for objectId, need efficient index, need some updates, 50B rows
- worth trying Aria?
- joint keynote about myisam at percona mysql conf?
- borrowing mysql developer for 2-3 years?

package mariaDb distribution [DM-1146](#)

remove obsolete packages

Handy rss feed that captures all database related activities:

- <https://jira.lsstcorp.org/sr/jira.issueviews:searchrequest-rss/11018/SearchRequest-11018.xml?tempMax=1000>
- <https://jira.lsstcorp.org/sr/jira.issueviews:searchrequest-comments-rss/11018/SearchRequest-11018.xml?tempMax=1000>
- This is based on a filter called "DB Team (all)": <https://jira.lsstcorp.org/issues/?filter=11018>

