

Database Hangout 2015-03-04

Date

04 Mar 2015

Attendees

- [Fabrice Jammes](#), [Unknown User \(danielw\)](#), [Vaikunth Thukral](#), [Andy Salnikov](#), [Fritz Mueller](#), [Kian-Tat Lim](#), [Serge Monkewitz](#), [Andy Hanushevsky](#), [Jacek Becla](#)
- for documentation discussion: [Frossie Economou](#), [Jonathan Sick](#)
- observer: Peter

Discussion items

JIRA "Team" filter changing

- from "Database" to "Data Access and Database" (done in the evening after the meeting)

Documentation

- https://github.com/jonathansick/jsick_lsst_roadmap/wiki/Documentation-Architecture
- sphinx and doxygen
- timescale: ~W16
- from now on, create dedicated long-lived maintenance branch for each Qserv release as needed

IN2P3 cluster

- have 25 machines, 25 more coming soon
- installing Qserv on the 25 we have

Sphgeom

- need to deal with build system, see DM-2262

WBS and db epics

- see notes in [DM-2098](#)

Logging

- See [RFC-29](#)

SSObjects

- Questions for [Mario Juric](#): do we have to keep sources associated with SSObjects together with regular sources associated with non-moving objects? It'd simplify database partitioning if we could segregate them into a separate SSSource table. If we can't, then:
 - when deciding on placement for sources associated with SSObjects, we should look at their ra/dec
 - add index on Source.ssObjectId, otherwise getting sources for a given object would require full Source table scan

Data set for large scale tests

- See [DM-2189](#)

xrootd

- Andy chasing bug with 2MB limit, will be solved in <1 week
- wants to improve XrdSsi API (use void, no need to return true/false, these are all async calls)

short/long term hardware planning

- see [DB Hardware Planning](#)