Database Meeting 2016-01-06

Date

06 Jan 2016

Attendees

- Unknown User (npease), Unknown User (kelsey), Fritz Mueller, Vaikunth Thukral, Brian Van Klaveren, Andy Salnikov, Andy Hanushevsky, Fabrice Jammes, Serge Monkewitz, Jacek Becla
- Kian-Tat Lim for parts of the meeting

Discussion items

FTE for operations

- 2.5 minimum, ~3 more realistic

DM-2859

- postpone. Do proper cleanup of connections from czar to mysql first (see DM-4429)

Logging

- levels
    - info: log sparingly there
    - debug on by default for development, off in production
    - trace - off by default
    - start with almost nothing on INFO, migrate messages from DEBUG to info on case by case bases
- commented out logging lines - remove
- would be useful to be able to turn on debugging per query
    - revisit after we have globally unique queryId (coming soon, see DM-4755)
    - note that we might need to pass that queryId around to all functions to make it useful for logging
- threadId
    - by default long, impossible to remember number, write a function that optimizes it (on Linux). See DM-4766
- move anonymous namespaces outside of lsst::qserv::<module> namespaces, see DM-4753

MariaDB migration

- can't have both at the same time, but easy to switch, just few lines.
- Reason to not just replace existing mysql: it'd break code outside of qserv that is using it
- issue with mariadb client not talking to mysql proxy still tbd

webserv

- planning to revisit, and run webserv for ipac, blocker1: need to load a small data set, need consistent set of images + catalog. Blocker 2: need to open some ports.