LSST Database Hangout 2014-09-24

Date

24 Sep 2014

Attendees

- Jacek Becla
- Andy Salnikov
- Unknown User (danielw)
- Serge Monkewitz
- Fabrice Jammes

Goals

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

Discussion items

Testing

- Fabrice will be involved in some tests, but 2 people on the testing better
- so involve Vaikunth, perhaps ~25% Nov/Dec, then continue after he is back

Finalizing S14

- DM-750
    - previous version of SciSQL was not usable, packaged by Mario
    - Fabrice re-packaged it, changes done so far are for non-internet installation
    - Serge is blocking Fabrice (review)
    - now "install" deploys to mysql, but that is not compliant with eups (don't know mysql port/socket etc, so installing does not have enough info to proceed)
    - proposed solution: eups will copy files for "install" target, introduce separate "deploy" target
    - btw, that is needed for unit tests. One option would be to have own embedded mysql for unit tests
    - changes Fabrice did in waf script break all documentation
    - also, the old version was producing scripts used in datarel, so the new repackaging breaks datarel (runtime)
    - to fix that, need to move to the latest script Fabrice is working on (the "deploy" target)
    - will also need to turn off unit test for documentation
    - will be done by Friday
- DM-746

    - should be easy, most already done
- logging

    - DM-1005 (worker side)
        - need to rebase
    - DM-273 (czar side)
        - removed switching old/new logging, worker side did not have it
    - both of the above waiting for DM-199
    - need to push log to distrib server
- need to update instructions to match with what is in the tip of the master
- unit test DM-648
    - now we build and run unit test immediately
    - if unit test broken, won't be able to build any more
    - in DM: separate target, run all unit tests, even if some break
    - how to implement for qserv: by default, build and test, fail if unit test fails, but also, add special build target to just build, without testing

we deployed qserv_testdata on official distrib server during hangout

- rebuild -t 9.2 qserv_distrib
- publish -b b261 -t qserv qserv_distrib

(should have used different tag, 9.2 not supported because it has dot, but it was just ignored)

naming different groups of include header files

- header for the class
- then system
- then third party
- then lsst

- then qserv
- (we don't have the "lsst" group, and we call the last one "local" in most places)

Made progress with code review of DM-199

Note, Serge taking vacations in Nov

next hangout about eups, with Mario and Frossie. Next Wed. Starts at 11.