LSST Database Hangout 2014-12-18

Date

17 Dec 2014

Attendees

- Fritz Mueller
- Vaikunth Thukral
- John Gates
- Fabrice Jammes
- Andy Salnikov
- Serge Monkewitz
- Andy Hanushevsky
- Unknown User (danielw)
- Jim Bosch and John Swinbank for Data Ingest discussion
- Jacek Becla

Discussion items

Vaikunth

- working on DM-1570, talking to Serge
- busy in January, don't schedule any stories

Data Ingest

- related tickets: DM-1674, DM-1074
- goal: apps code generates calibrated catalogs
- in DataRel we just ingest on table by table bases
- compound types have been removed, simplifies loading
- DataRel needs to map to NULL
- DataRel needs to deal with blobs
- DataRel needs to deal with aliases (different name for the same field, needed because different algorithms might use different aliases)
    - solution: create view with all possible names and aliases as virtual columns
- DataRel needs to pack flags
    - output from dumps is not nice, but does not cause troubles
    - related ticket: handle binary, DM-1541, add it to S15
- unit conversions, not needed, done in apps
- In DataRel, most complicated case is metadata for images
    - getting info directly from fits headers, not afw
    - keep what we have, don't touch in W15
- plan:
    - db team has enough info to proceed with DM-1674
    - implement single table loading in January
    - apps team will implement DM-1074 in January
    - integration DataRel + new Apps code before or during DM AHM in Feb
    - loading group of tables - TBD, not sure if in W15
    - ## discuss loading image metadata to database during DM AHM

Query killing

- half baked, disable for now
- properly implement in S15

Planning (all discussed captured in JIRA during hangout)

- DM-1376 - will do
- DM-216 - almost done, but blocked on serge
- Side-tracked by swig
- DM-1621 will be finished
- DM-370, Daniel will do
- DM-627 and DM-520 in dec
- DM-655 hopefully today

- DM-737 maybe on friday
- DM-1615 and DM-1616 go to january
- DM-1653 - try to close this month