

Assigned Action Items

LSST Database

2007-05-08, discussion with Tim

- add flag "data source" to Object catalog - for DC2 only [Jacek]

2007-05-04, DataAccWG telecon

nightly processing

- understand poor-disk performance during loading chunks from disk to memory [Serge]
- try doing cross match using extract from Object table (objId, ra, decl, x,y,z) [Serge]
- check with application people about cross matching against var object [Jacek]
- try doing cross match first against variable objects first [Serge]
- document requirements / assumptions [Jacek]
- investigate why dropping in-memory table slow [Serge]
- test number of tables per db to find sweet spot [Serge]
- check with Tim whether proper motion adjustment will be made only during deep detection, or during nightly processing too [Jacek]

mysql related

- bad performance of composite index on (zoneId, ra) - follow up with mysql [Jacek]
- MyISAM uses 1K disk blocks (8K in new generation myisam) - investigate why it is not tunable [Jacek]

Others

- sql stored procedures coding standards [Jeff]
- check existing standards related to stored procedures [Ani]
- investigate how easy is to move disks/RAM from lsst-dev03 to lsst-dev02 [Jacek]

2007-05-02, DataAccWG telecon

- define baseline approach how we are going to do association in DC2 [due May 11, Serge, Ani, KT, Jacek]
- memo about whether to use CORAL [Jacek]
- ping Ray about cleaning AltFormatter [Jacek]
- legal issues - Stanford copyrights [Jacek, Jeff]
- DBMSStorage [KT]
 - ◆ prototype does not adhere to the EA model - fix it: create Formatter class, shift some functionality to Formatter
 - ◆ parametrize queries
 - ◆ add caching of frequently used data
 - ◆ cleanup namespaces

Unassigned Action Items / Todo's

- persisting metadata
- measure CORAL performance overhead