

Status Report for July 15, 2009

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Summary of progress

Work activity; whether it reached associated milestones.

NCSA

Bill (submitted on 7/16/2009)

- Data mapping in Harness: fleshed out design; began implementation with Greg's help
- Parasoft (automated V&V): supporting Robyn on tracer.ncsa.uiuc.edu
- Automated build system: functioning normally

David (submitted on 7/23/2009)

- Continued work on the DC3a report.
- Vacation July 10 through July 18.

Greg (submitted on 7/././2009)

Steve (submitted on 7/20/2009)

- Bug fix for evmon threads.
- Worked on prototype selectors for broker side event filtering.
- Worked on broker file descriptor error with Greg.
- University Holiday July 3rd.
- Was on vacation from July 8th through July 17th.

Ray (submitted on 7/././2009)

LSST Corporation

Robyn (submitted on 7/15/2009)

Robyn is working <= half-time this summer. Primary focus:

- satisfying TCT requirement to prepare LSST Legal Notices for DM software licensing and copyrighting, created [draft LSST Legal Notice](#) and [draft LSST Copyright](#). Spoke with Ray Plante, who is orchestrating the insertion of the Copyright headers in DM source. The Lsst license and copyright is installed on the public website: <http://lsstcorp.org/LegalNotices/>.
- developing command-line driven procedures for Parasoft C++Test use within LSST Build procedure.
- chairing the DM TCT meeting as appropriate.

Database Group

K-T (submitted on 7/..../2009)

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Andy H (submitted on 7/..../2009)

Serge (submitted on 7/..../2009)

Daniel (submitted on 7/20/2009)

(July 3: holiday)

- Scidb:
 - ◆ Iterated through implementations of cooking observations and groups, wrote sanity unit tests.
 - ◆ Updated observation cooking for multiple time-steps.
 - ◆ Converged on Array, nested Array creation.
 - ◆ Ported and merged cooking obs/groups with executor udf lookup.
 - ◆ Implemented graph walking for observation grouping.
 - ◆ Wrote sample XML queries for C1/C2.

- Scalable queries:
 - ◆ Updated wiki with simpler API.

Jacek (submitted on 7/22/2009)

On vacation June 22-Aug 4

- organized 2 DataAccWG telecons
- db risk assessment text for decadal survey
- refactored MySQLBase ([#844](#))
- cleaned up cat package
- scidb/vldb
 - ◆ arranging logistics related to the xldb/vldb trip
 - ◆ xldb workshop prep (invites, agenda etc)
 - ◆ funding-related discussions

Major Accomplishments

Significant breakthroughs, issues resolved.

All DC3a runs necessary for the DC3a report have been run on the NCSA cluster and on NCSA's Abe cluster. The final DC3a report is now in the process of being written.

Objectives for the Next Period

What you expect to accomplish.

NCSA

Ray (submitted on 7/././2009)

LSSTC

Database Group

Problems Encountered and Solutions Being Pursued

Budget or schedule variance, technical issues, management issues.

NCSA

LSSTC

Database Group