LSST Software Development

This site serves as a collaboration portal for software development across the LSST project. It provides integrated access to the software repository, the issues-ticket database (i.e. bug reports and development milestone assignments), and design documents and discussion. It currently serves primarily the Data Management System; however, we are beginning to also support the Camera, Observatory, and Simulation teams. LSST Data Management links are found below, for other project efforts, see these links for their "home pages":

- Camera Control System
- TelescopeAndSite?
    - Active Optics
- Simulations?
    - Calibration simulation
    - Image Simulation

People

- A list of active Trac users, their email addresses, and links to their personal wiki pages and blogs.
- New LSST User Account Setup.

LSST Data Management (DM)

Organization

- Presentation of DM organization: ?Document-4688
- Project Management Council (PMC)
- DM Technical Control Team (TCT), formerly known as the DM Configuration Control Board
- System Architecture Team (SAT)
- Science Steering Team (SST)

Working Groups

- Infrastructure Working Group
- Applications Working Group
- DC3b Weekly Telecon
- Data Access and Database

Software

- The LSST DM Software Stack
    - Installing LSST Software on your local machine
        - Current list of available server tags
    - Running LSST Software in a virtual machine, an alternative to installing the software
    - The LSST software's documentation --- a work in progress
    - ?LSST software git repositories
    - ?Automated Builds that test the software stack regularly

- ♦ The list of [?"project-recommended" (stable) versions of products](#) (and [?beta versions](#))
- ♦ The list of [?products currently under active development](#)
- [Software Design documentation](#) - including the [EA UML model](#) and the DB schema
- [Applications and Algorithms](#)
- [Database](#) - Documents related to the LSST Database
  - ♦ [?Schema browser](#)
- [Tools](#) - Our software tools and how to use them

Standards and Policies

- [Software Development Plan](#)
- [Coding, documentation, and review standards](#)
- [Common Vocabulary](#)
- [Fault Tolerance](#)
- [Security](#)

Data Challenges

- Final reports: [?DC1](#), [?DC2](#), [?DC3a](#), [?Summer 2012 and Winter 2013 Stripe 82 Processing](#), [?Winter 2013 Image Differencing](#)
- [DC2 management & execution](#)
- [DC3 management & execution](#)
- [Summer 2012 management & execution](#)
- [Winter 2013 management & execution](#)

Science Data Quality Analysis

- [SDQA Documents](#)

Reference and Background Material

- [Papers on the LSST Data Management architecture and implementation](#)
- [Glossary](#)
- [FAQs](#) - Index of this wiki's FAQ pages
- [External documents](#) - Links to other useful document collections, including the LSST Data email archives.

Reports and Reviews

- [?Status reporting tool](#)
- [Monthly Reports](#)
- [CoDR](#) - Documents related to the management and execution of the Conceptual Design Review.
- [PDR](#) - Documents related to the management and execution of the Preliminary Design Review.

Conferences

- [Conferences](#)

How to use Trac

- TracGuide -- Built-in Documentation
- TracIntro -- The original version of this page
- TracSupport -- Trac Support
- LsstTracEnvironment - Tuning Trac for the LSST environment

For a complete list of local wiki pages, see TitleIndex.