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# 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](#)
  - ◆ [Running LSST Software in a virtual machine](#), an alternative to installing the software
  - ◆ [The LSST software's documentation](#) --- a work in progress
  - ◆ [?Automated Builds](#) that test the software stack regularly
  - ◆ The list of [?"project-recommended" \(current\) versions of products](#)
  - ◆ The list of [?products currently under active development](#) (for DC3a)

- [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](#)
- [DC2 management & execution](#)
- [DC3 management & execution](#)
- [capture DC4 to-be-done's](#)

## 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

- [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](#).