

Data Challenge 2 Management

[?from: Lsst Wiki Table of Contents](#) .

Data Challenge 2 will focus primarily on application level challenges for nightly processing.

This page collects documents related to the management and execution of Data Challenge 2.

DC2 Startup

Project Planning

- [DC2 Project Plan](#)

Nightly Processing Use Cases

- [Nightly Processing Use Cases](#)

Image Processing Metrics

- [DC2ImageProcMetrics](#)

Data Transfer

- [Data Transfer Test Scenario](#)
- [Data Transfer Sector White Paper](#)

Components

Pipeline Framework

- [PipelineFramework](#) Design
- Design Discussion: [Configuring the Pipeline with Policies](#)
- [Getting Started Implementing a Stage](#)

Association Pipeline

- Association Pipeline?
- [Integration of the Association Pipeline with the pipeline framework](#)
- [Simplified Association Pipeline design for DC2](#)

Unstructured Data Management (files)

- [Long term objective: Managing data at creation, rest, transfer and distribution](#)
- [Current status and executive summary](#)
- [Experiments in detail and Notes](#)

Policies

- [PolicyDesign](#)
- [PolicyHowto](#)
- [PolicyFormats](#)

Event Framework

- [EventDesign](#)
- [DC2PipelineInterfaces](#): Stage and event interfaces for DC2 pipelines

Persistence Framework

- [PersistenceHowTo](#)
- [PersistenceIoStages](#)
- [SymLinkStage](#)
- [FormatterIndex](#)
- [ImageLocations](#)

Logging

- [LoggingHowto](#)

Database

- [Database and Nightly Processing in DC2](#)
- Database Partitioning Tests for DC2?

Running the Pipeline at NCSA

Essentials

- [Accessing the LSST Cluster](#)
- [How to Launch the DC2 Pipelines](#)

Below the covers

The `launchDC2.py` script described above in the [How-To](#) handles most of the set-up and execution automatically. These links document how things work below `launchDC2.py`. This information is useful for testing and debugging parts of the pipelines.

- [Setting Up the Run directory](#)
- [Testing Pipeline Stages](#)
- [Running the Pipeline](#)
- [DC2 Test Data](#)

Test Run Queue

- [DC2 Run Queue - Reservation](#)

Viewing Results

- [?Available Run Logs](#)
- [Package Tags of Final DC2 Run](#)

Sept 4 Integration Meeting

- [DC2IntegrationMtg04Sep](#)

DC2 Post-Mortem Meeting Agenda

- [DC2PostMortemMtg](#)

DC2 Documentation

- DC2 documentation collection: [?Collection-828](#) on Docushare
- DC2 Executive Summary: [?Document-4801](#) on Docushare
- DC2 Final Report: [?Document-5363](#) on Docushare