

LArSoft Documentation
(and project management)
LArSoft Coordination Meeting
October 11, 2016

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Framework-independent repositories
(was called shared repositories)
added to redmine page

[https://cdcvns.fnal.gov/redmine/projects/larsoft/wiki/
LArSoft repositories packages and dependencies](https://cdcvns.fnal.gov/redmine/projects/larsoft/wiki/LArSoft_repositories_packages_and_dependencies)

10. lardataalg -> lardataobj -> larcoreal -> larcorealobj -> canvas

This is type 2, framework-independent, but it does depend on canvas which understands the Event Data Model of *art* and *newsimdata*.

Documenting Services and Algorithms

Starting to record Services as well as Algorithms at: <http://larsoft.org/algorithms-list/> with Gianluca having documented two services in LArSoft. And Jonathan Paley documented one.

DetectorProperties	Jonathan Paley	other	Service that provides detector specific properties such as temperature, density, purity, lifetime, etc., all which may be run or time dependent and extracted from a database.
Geometry	Gianluca Petrillo	other	Description of detector geometry
LArSeedService	Gianluca Petrillo	other	Central management of random seeds

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Editing your algorithm or service
 Sorted by author name
 Code analysis done
 2D hit reconstruction
 Algorithm examples

resulting in:
 maintainability
 understand configurations
 debugging; more time on physics

I sent out email to other people asking them to document their services. **I will be following up.** And with algorithm authors.

Cleaning up Redmine Issues

We're trying to get the LArSoft issues in redmine under control – if you see email about an old issue, that's why.

In the last two weeks as of 10/5/16: 1 new, 14 assigned, 2 resolved, 2 feedback, 30 closed (may well have been resolved in the two weeks before being closed), 1 rejected

Handling New Issues

