

LArSoft Coordination Meeting

Release and project report

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Fermilab

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Today's agenda and speakers

- Matching reco and MC truth information (Andy Furmanski)
- Release and project report (Erica)
- AOB

Releases

- Last week

- v06_46_00 released on Aug 10
 - Update of 3D clustering to handle multiple TPCs (from Tracy Usher)
 - Migrated to new `mrbs` and `cetbuildtools` versions
 - `mrbs v1_10_00`
 - `cetbuildtools v5_14_00`

Note to experiment release managers:

- `mrbs` works with older `cetbuildtools`...
- ...but need to upgrade both to make use of new `mrbs` features
- Also requires changes to `<repository>/ups/setup_for_development`
- See https://cdcvs.fnal.gov/redmine/projects/cetbuildtools/wiki/Product_deps_description for more details on this
- See [release notes](#) for details, instructions on how to update private code

- This week

- New version of `art` (?? might be next week)

New version of art

- **art v2.08.02** is available

Some of the major changes

- Processing of files with mixed/inconsistent process histories
 - ...Someone will need to clarify what this means
- **Declaration of data products to be consumed as input**
 - Mirrors the need to declare data products to be produced as output
 - Required as part of preparing for multi-threading
 - **Several different interfaces** for doing this
 - [See release notes for art v2.08.00 for details](#)
- PtrMaker utility moved from LArSoft to art !! note the version with the details
- A couple of others...

Details in release notes for *art* v2.08.00, v2.08.01 and v2.08.02

Status of on-going sub-projects

- LArG4 re-factoring project
 - No report this week
- CI system operations
 - Vito di Benedetto
- Usability: associations
 - Saba Sehrish
- Profiling and optimization project
 - No report this week
- LArSoft documentation
 - Katherine Lato

The end