

LArSoft Coordination Meeting

Release and project report

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Today's agenda and speakers

- Release and project report (Erica)
- The DetectorClocks service: A case study in determining thread-safe service access patterns (Kyle Knoepfel)
- Optimizing data structures used in simulation (Hans Wenzel)
- AOB

Releases

- Last week
 - v08_38_00 released on Dec 12
 - **Added e19 and c7 builds** (gcc v8.2.0 and clang v7.0.0, respectively)
 - Required dropping **lhpdf5** (fortran) in favor of **lhpdf6** (C++)
 - Note: Genie is using internal pdf sets that preserve lhpdf5 physics
 - e17 remains the default (gcc v7.3.0)
 - Changes in experiment code in feature/team_for_e19 branch
- This week
 - No changes requested (but will have a release this week)


Note:

The release this week will be the last until after the new year
Next release will be the week of Jan 6

GitHub migration

- Previously announced that we would deploy before end of CY2019
 - Implied early December
 - Missed that due to a few incomplete processes, holes in documentation
 - Will be completed soon
- Documentation
 - See LArSoft wiki, “Working with GitHub” page (under Developing with LArSoft)
 - https://cdcvs.fnal.gov/redmine/projects/larsoft/wiki/Working_with_GitHub

GitHub migration

- The approval workflow managers
 - Level 1 managers
 - Lynn Garren, Patrick Gartung, Erica Snider
 - Level 2 managers
 - DUNE: David Adams, Christoph Alt, Tom Junk, Tingjun Yang
 - ICARUS: Tracy Usher
 - LArIAT: Jonathan Asaadi
 - MicroBooNE: Herb Greenlee
 - SBND: Roxanne Guenette, Andrzej Szelc
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<https://github.com/orgs/larsoft/teams/level-2-managers> for complete list of active managers

- Pull request system is still live for testing now
 - Still observed no testing activity so far

The end