

LArSoft Coordination Meeting

Release and project report

Erica Snider
Vito di Benedetto
Giuseppe Cerati
Lynn Garren
Katherine Lato
Saba Sehrish
Mike Wang
Fermilab

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Today's agenda and speakers

- Release and project report (Erica)
- Refactored photon simulation and update to LArSoft (Wenqiang Gu)
- AOB

Releases

- Last week
 - Released v08_32_00 on Oct 3
 - First release with root v6_18_04b
 - Fixes memory leak reading artdaq fragments reported by DUNE
 - larwirecell updates
 - Thread-safe replacement for LArFFTW
- This week
 - Updates to larpandora and larpandoracontent
 - Beam interaction vertex changes for ProtoDUNE
 - DUNE optical simulation improvements
 - In re-factored LArG4 framework

GitHub migration

Current status

- Most technical changes are completed and being tested
 - Will begin more general, broad testing soon
- Need to finish documentation, check that all use cases are covered
- Experiments need to identify, train “level 2 managers”
 - Can be existing release managers + offline leads to begin with?

Important note

- The GitHub repositories will have truncated histories
 - Aim is to reduce repository bloat, as discussed at the last LCM
 - larsim history in particular will be cleaned of excessively large past commits

GitHub migration

Current status

- Most technical changes are completed and being tested
- Considering performing history truncation prior to GitHub migration
- Would then block attempts to push commits with history that has NOT been cleaned / truncated
 - Error message would direct user to the history cleaning script
 - Would need to run the script on local repository before attempting to push branch again

See [wiki page on truncating history at svn-to-git transition](#) for more information on this script

Any comments, discussion about this proposal?

mits

The end