

LArSoft Coordination Meeting

Release and project report

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Today's agenda and speakers

- Release and project report (Erica)
- Re-factoring services in the LArSoft simulation (Hans Wenzel)
- Running reconstruction workflows by TPC (Tracy Usher)
- AOB

Releases

- Last week
 - Released v08_18_00 on May 2
 - First release with *art* v3.02.05
 - LArSoft bug fixes
- This week
 - Changes to RecoBase dictionary builds
 - Broken into 3 pieces that can be built in parallel
 - Reduces build time from ~300 s to ~100 s
 - No other merge requests as of now

Migration to python 3

- Have been inquiries about migrating to python 3
- LArSoft supports this move, but some issues to discuss
 - Many products used by LArSoft depend on python
 - Will require separate builds for each. Do not know of any problems yet.
 - Would like to avoid supporting both python v2 and v3 builds simultaneously
 - Recommend building a test release
 - python 3 is not supported on SLF6
 - Forces migration away from SLF6
 - FIFE probably needs to be involved in the discussion on this point
 - What will the impact be in experiment code?
 - Are aware that there is python in experiment code
 - Would experiments support a move to v3?
 - If so, on what timescale?

Genie v3 migration

- Genie v3 has been released
 - Extensively tested in beta release by MicroBooNE
 - All issues discovered have been fixed
 - No known issues as of yet
- In order to migrate LArSoft, need sign-off from all experiments
 - What are experiment plans?
 - When should we plan to make the move?
- On a related topic
 - We are moving to de-couple Genie from nutools and LArSoft
 - This would free experiments to choose the version of Genie they want, independently of other experiments or LArSoft
 - Will report on progress

The end