LArSoft Coordination Meeting

Release and project report

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Fermilab

Nov 6, 2018

Today's agenda and speakers

- Release and project report (Erica)

- Status and plans for multi-threading in LarSoft (Mike Wang)

- Plans for migrating from doubles to floats in specific data products (Giuseppe Cerati)

- TrackMomentumCalculator interface changes (Kyle Knoepfel)

- Lazy updating of calibration services (Herb Greenlee)

- Moving PFParticles and other Pandora changes (Lorena Escudero)

- AOB

Releases

- Last week

  - v07_09_00 released on Nov 1

    - Significant cleanup in OpFastScintillation. All CI tests ok, but Please test!!

      - Will be a presentation on this at the next LArSoft Coordination Meeting

    - LArG4 phase 2 changes

    - LArWireCell update

  - V07_08_00_01 released Nov 2

    - ProtoDUNE production release

    - New version of ifbeam (v2_2_10) which fixes a problem ProtoDUNE was having

      - This ifbeam will be in this week's release

    -

Status *art* v3 migration

- Working to integrate art v3 with LarSoft

    – Represents a major set of breaking changes

- Will be building first release candidate soon! (this week?)

    – v08_00_00rc0

    – Needed to start the process of running CI tests

- Should discuss timing of eventual move given on-going experiment production schedules

Note about adding features to common code

- Have noted a number of (non-breaking) additions of new features to the core LArSoft repositories that are never discussed with the community

  - **Adding this code is OK**: LArSoft policy is to allow users / experiments to merge non-breaking feature additions into develop in order to minimize barriers to rapid development

  - Also understand that may not all be sufficiently note-worthy to merit a presentation at an LCM for each one

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- Nonetheless, please help keep our collaborators informed about changes to common code

  - Perhaps a summary by offline leads to larsoft@fnal.gov or at an LCM?

- At the very least

  - Document the features using dOxygen markup in the appropriate headers

  - Let us know at larsoft-team@fnal.gov so we can add to release notes

The end