LArSoft Coordination Meeting

Release and project report

Erica Snider
Vito di Benedetto
Giuseppe Cerati
Lynn Garren
Katherine Lato
Paul Russo
Saba Sehrish
Fermilab

Mar 26, 2019

Today's agenda and speakers

- Release and project report (Erica)

- Setting trajectory point index in Calorimetry module (Justin Hugon, presented by Tingjun Yang)

- Simple code cleanups to LArSoft (Kyle Knoepfel)

- Event display updates (Tracy Usher)

- AOB

Releases

- Last week
    - v08_13_01 released on 3/18
        - Fixes for bugs in larsim
    - v08_13_02 released on 3/21
        - Cleanups to code and CMakeLists.txt files
        - Changes to develop

- This week
    - No merge requests so far

Migration to root v6.16/00 + *art* v3.02

- Planned to migrate to root v6.16/00

  - to fix an `iorule` problem observed by MicroBooNE that breaks `anab::ParticleID` accompanied by move to *art* v3.02

  - Breaks backwards compatibility of `anab::ParticleID`

- Status

  - Did not happen last week as originally planned

  - Expect to complete the migration this week

    - Want to update MicroBooNE production branch also (!!)

Status Genie v3

- Still waiting for a tag

  - Genie is still working on fixing various bugs that have been found in validation

  - No estimate

- Once the new version is released, will need sign-off from every experiment

  - What are the plans of experiments?

caffe support

- LArSoft team proposes dropping support, distribution of `caffe`

  - Unaware of anyone using `caffe` at present

  - Presents a non-negligible overhead to include in the build
    - Currently have an e17 build, but not an e19 build

  - TensorFlow is now and will continue to be available

Are there any objections to removing caffe from the LArSoft build / distribution?

Ubuntu releases

- Reminder

  - Ubuntu releases are supported as "best effort / on demand"

  - Ubuntu releases are available upon request
    - Just put in request here: https://cdcvs.fnal.gov/redmine/projects/larsoft/issues

The end