

LArSoft Coordination Meeting

Release and project report

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Today's agenda and speakers

- Release and project report (Erica)
- Discussion of GitHub migration (Erica)
- AOB

Releases

- Last week
 - v08_39_00 released on Jan 8
 - Only e19 and c7 builds are supported
 - Dropped e17 and c2
 - Removed unused GenFit code that used deprecated ROOT TVirtualMC
 - Added MergeSimSources module back into larsim
 - Now needed by SBN experiments
 - larwirecell update

Releases

- This week
 - Python 3 / *art* 3.04 -- see next slide
 - Dictionary bug fix in `lardataobj`
 - A problem prevented creation of optical hit/flash associations
 - This update consolidates fixes (that collided) in `icaruscode` and `sbndcode`
 - `feature/gp_sharedOpDetDict`
 - Dumper module for `sim::SimEnergyDeposit`'s
 - `lardata feature/gp_EnergyDepositDumper`
 - Update to `larpandora` content
 - `feature/larpandoracontent_v03_15_12`

Python 3 timeline

- Currently distributing python 3 builds for SLF7
 - Python 2 is the default, so qualifier **py3** needed in setup command
 - Python 3 should be ok on all platforms...
 - FIFE team
 - Grid tools work with python 3
 - Containers should be switched to SL7 later this month
- **We plan to make python 3 the default with the migration to *art v3.04***
 - This week or next at the latest
 - Python 2 will be available via **py2** qualifier *on SLF6 only*

Any objections to this plan? Send email to scisoft-team@fnal.gov

SLF6 support ending with art 3.05

Expect *art* 3.05 to be released later this month, early February

- Some associated changes
 - New compiler
 - Python 3 only -- so no SLF6 support after migration to *art* 3.05
 - New build of software stack
- Requires a version of root that does not yet exist
 - Addresses a schema evolution problem
 - Timeline not entirely up to us...
- LArSoft will drop SLF6 support after migration to *art* 3.05
 - Also plan / expect / hope to drop Mac OS support at this time

Comments? Concerns? Who is using SLF6? Email scisoft-team@fnal.gov

The end