

New build with TimeService in it

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History

- See many previous presentations of Kazu's on TimeService: basically, it gets you a trigger simulation and connects all the clocks in the system: G4, TPC, PMT, Trigger, Beam.
- To effect this, we need to populate the new `time_service{}` parameter set.
- This will impact the other experiments if they don't properly set these, as well. Meanwhile, efforts at redefining the old `DetectorProperties` parameters will cause a throw.

History 2

- Tuesday, 3-June, we presented this one more time at the LArSoft Librarians meeting.
- People approved. LBNE assented to this new Service. (LAriat was perhaps not represented.)
- After the meeting we requested a new LArSoft build. uboonecode build would follow, and we'd test and report back.
- Afterward, it's agreed that Gianluca/Erica/Lynn will take our/Kazu's instructions for LBNE and configure for those experiments.

Build

- Kazu had (non-stale) ub_dev branches on the following repositories: lardata, larsim, and larana.
- A new branch named v2_01_00_branch was created on all the larxyz repositories. They were created from develop. Then they were merged into from the ub_dev branches of lardata, larsim, and larana. They were all tagged at that point with the tag “v2_01_00”. That v2_01_00_branch was built.
- So, the new build is effectively from ub_dev branch.

uboonecode

- We (Herb) then built uboonecode against that tagged release.

```
$ git fetch origin  
$ git checkout v02_01_00_branch  
$ git merge origin/ub_dev  
$ git branch  
develop  
master  
* v02_01_00_branch
```

build, build, build, build — prof, debug, slf5, slf6

```
$ git tag -a "v02_01_00"  
$ git push origin v02_01_00
```

(gitflow not usable here to tag and build off non-master branch!)

Conclusion

- Test the TimeService
- Relay all needed LBNE, LAriAT fcl changes to Lynn/
Gianlucca
- Plan to merge this v02_01_00_branch into develop
by 10-June, Tuesday, and remove
v02_01_00_branch.