

LArSoft - Support #19359

Special release for SBN workshop (SBND)

03/13/2018 01:45 AM - Gianluca Petrillo

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|------------------------|-----------------------------|------------------------|------------|
| Status: | Closed | Start date: | 03/13/2018 |
| Priority: | Urgent | Due date: | |
| Assignee: | Lynn Garren | % Done: | 100% |
| Category: | Install / build / code mgmt | Estimated time: | 8.00 hours |
| Target version: | | Spent time: | 6.00 hours |
| Experiment: | SBND | Co-Assignees: | |

Description

The SBND collaboration needs a LArSoft release to start the production of samples required for the coming SBN workshop. We have some alleged improvements on the optical simulation, that go into larsim and larana, but they are *not* detector/experiment independent.

Therefore we request a special release which must not be merged back into develop. After verifying that the changes are good, we'll have to devise a way to turn the experiment-specific features in generic ones, and at that time we'll ask for the integration of an improved version. But that's for the future.

Today, we would like a special LArSoft release (tagged either SBND, e.g. v06_70_01_SBND, or with a revision version, e.g. v06_70_01_00) including:

- the complete LArSoft suite from develop (or from v06_70_01 if develop is unpractical)
- except the repositories [larsim](#) and [larana](#), which will be taken from the published branches [feature/sbnd_Workshop201803integration](#)

Please let us know how to proceed.

It took very long to us to "validate" the code, and the result is that we are in an incredible hurry, hence the ridiculously high priority.

History

#1 - 03/13/2018 01:46 AM - Gianluca Petrillo

- Description updated

#2 - 03/13/2018 01:48 AM - Gianluca Petrillo

- Subject changed from *Special release for SBND workshop* to *Special release for SBN workshop (SBND)*

#3 - 03/13/2018 09:31 AM - Lynn Garren

- Status changed from *New* to *Feedback*

You are requesting a "hotfix" type release. These releases are made against existing release tags. So we have two choices: 1) tag this weeks' release and make the special release, or 2) tag against the existing v06_70_01 release. Unless we hear otherwise, we will tag against v06_70_01.

#4 - 03/13/2018 11:24 AM - Lynn Garren

- Status changed from *Feedback* to *Assigned*

- Assignee set to Lynn Garren

- Estimated time set to 8.00 h

Starting work on larsoft v06_70_01_01.

I note that two "unit" tests fail if sbnd_data is not found. I suggest that either you make it required or you edit the appropriate CMakeLists.txt file such that these tests are run only if sbnd_data is available. The tests in question are prodsingle_reconstruction_test.sh and fast_simulation_reconstruction_test.sh. Both require a file found in \$SBND_DATA_DIR/Response.

#5 - 03/14/2018 10:09 AM - Lynn Garren

- Status changed from *Assigned* to *Resolved*

- % Done changed from 0 to 100

larsoft v06_70_01_01 is now available on both [/cvmfs/larsoft.opensciencegrid.org/products](#) and [/cvmfs/fermilab.opensciencegrid.org/products/larsoft](#).

#6 - 03/14/2018 10:55 AM - Gianluca Pettillo

Thank you, Lynn, for the very rapid turnaround and resolution.

#7 - 04/11/2018 09:03 AM - Lynn Garren

- *Status changed from Resolved to Closed*