

LArSoft - Necessary Maintenance #15733

Add geometry tests in the integration test

03/02/2017 04:58 PM - Gianluca Petrillo

Status:	Assigned	Start date:	03/02/2017
Priority:	Normal	Due date:	
Assignee:	Wesley Ketchum	% Done:	0%
Category:	Geometry	Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Experiment:	-		
Description			
We need a test dumping the geometry information as seen by geo::GeometryCore service provider, and verifying it consistent with respect to the previous tests (backward compatibility).			

History

#1 - 03/02/2017 05:01 PM - Gianluca Petrillo

The basic code dumping geometry aspects is already written and in fact run in the unit test suite.

That may be a starting point: the settings of the test can be tuned for it to just produce dumping output, and then that output (a text file) needs to be filtered for time stamps and compared to a reference.

This should be done for all supported geometries: LArSoft's "LArTPC detector", LArIAT, ArgoNeuT, MicroBooNE, the various DUNE geometries and SBND (as soon as their "new" geometry goes in).

#2 - 03/06/2017 10:29 AM - Lynn Garren

- Assignee set to Wesley Ketchum

Please consult with Vito and Gianluca for implementation details.

#3 - 03/06/2017 10:30 AM - Lynn Garren

- Status changed from New to Assigned