

LArSoft - Bug #7531

Add a "standard" geometry to LArSoft, and remove references to other geometries

12/17/2014 06:33 PM - Gianluca Petrillo

Status:	Closed	Start date:	12/17/2014
Priority:	Normal	Due date:	
Assignee:	Gianluca Petrillo	% Done:	100%
Category:	Geometry	Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Occurs In:		Co-Assignees:	
Experiment:	-		

Description

Marc Covenry has made me notice that in larevt a FHiCL file still depends on geometry_microboone.fcl (removed since resolution of issue [#7338](#)).

larcore/Geometry/geometry.fcl itself depends on a GDML file microboone.gdml that is not there.

We need to add a "standard" anonymous geometry in larcore, and make sure that all the final FHiCL files¹ in LArSoft use it.

¹ A "final" FHiCL file is one that can be directly run in art as opposed to be included in other files. It typically needs to define a geometry.

History

#1 - 12/17/2014 06:55 PM - Gianluca Petrillo

- Status changed from New to Assigned

- Assignee set to Gianluca Petrillo

#2 - 12/17/2014 07:59 PM - Gianluca Petrillo

- Status changed from Assigned to Resolved

- % Done changed from 0 to 100

A new "lartpcdetector" detector has been added, including geometry description and testing.

The GDML files state where they come from, that is MicroBooNE geometry with a auxiliary detector.

Tests have been added to the standard test suite and they run successfully on develop/HEAD (based on v03_04_05).

The standard_geo geometry configuration defined in larcore/Geometry/geometry.fcl now points to this "new" geometry.

Pushed into develop as commit commit:9223143d2f8f1db5f5252d574cdd483fc2d1df1e .

#3 - 03/03/2015 10:22 AM - Lynn Garren

- Status changed from Resolved to Closed