

LArSoft - Necessary Maintenance #15289

Pointless `__GCCXML__` in LArSoft data products

01/24/2017 09:22 AM - Gianluca Petrillo

Status:	Accepted	Start date:	01/24/2017
Priority:	Low	Due date:	
Assignee:		% Done:	0%
Category:	Data products	Estimated time:	0.00 hour
Target version:	2019-1-quarter	Spent time:	0.00 hour
Experiment:	-		

Description

Data products in LArSoft used to hide part of the code from ROOT 5 by enclosing it in `#ifndef __GCCXML__` guards. This was necessary due to the... limitations of CINT and friends.

ROOT 6 is using `rootcling` instead, whose level of understanding is basically the same as `gcc`. Those guards are therefore not needed. But, more to the point, `rootcling` does not define `__GCCXML__` any more, so those guards are ineffective *and* misleading. LArSoft should consider removing them or replacing them with `__ROOTCLING__` guards, which are the equivalent in the new world.

To be more explicit: that they are not needed is proven by the fact that they have been ignored since LArSoft 6.0.1, and nobody has reported any related problem since.

History

#1 - 01/30/2017 01:41 PM - Erica Snider

- Status changed from New to Accepted

- Target version set to 2017-1-quarter

#2 - 05/10/2017 02:49 PM - Katherine Lato

- Target version changed from 2017-1-quarter to 2017-4-quarter

#3 - 01/09/2018 02:52 PM - Katherine Lato

- Target version changed from 2017-4-quarter to 2019-1-quarter