

LArSoft - Necessary Maintenance #22523

Remove deprecated getIf() members from data proxy interface

05/06/2019 06:00 PM - Gianluca Petrillo

Status:	Feedback	Start date:	05/06/2019
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:	Data products	Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Experiment:	-		

Description

proxy::CollectionProxyBase::getIf<T>() and proxy::CollectionProxyElement::getIf<T>() were provided to facilitate the implementation of generic code when it is not known whether the proxy object has a T data.

This type of coding is much easier when using C++17 ifconstexpr statement, which is now available in LArSoft.

As a consequence, the cumbersome getIf() is deprecated and marked for removal.

Not surprisingly, I could not find any code in LArSoft using it.

I will proceed myself to the removal according to the timeline that LArSoft will decide.

Associated revisions

Revision 00c5fc55 - 05/06/2019 05:46 PM - Gianluca Petrillo

Updated code to C++17.

The proxy object `getIf()` methods are now deprecated (issue #22523).

History

#1 - 05/13/2019 10:58 AM - Kyle Knoepfel

- Status changed from New to Feedback

Although your proposal seems reasonable, we would like you to present your proposal at a LArSoft coordination meeting. Sound good?

Because the ALLOW_DEPRECATEDATIONS flag has been removed, we request that you put future deprecations on a feature branch.

#2 - 05/13/2019 04:21 PM - Gianluca Petrillo

Sure.

Incidentally, I did verify that no code uses the deprecated feature beyond lardata.