

LArSoft - Bug #18003

lariov::SIOVChannelStatusProvider depends on art

10/21/2017 04:13 PM - Gianluca Petrillo

Status:	Assigned	Start date:	10/21/2017
Priority:	Normal	Due date:	
Assignee:	Brandon Eberly	% Done:	0%
Category:	Other	Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Occurs In:		Co-Assignees:	
Experiment:	-		

Description

The service provider lariov::SIOVChannelStatusProvider ([larevt:source:larevt/CalibrationDBI/Providers/SIOVChannelStatusProvider.h](#)) is required to be independent of the framework, but it uses *art* classes (I spot *art::ServiceHandle*).

These dependencies must be moved out to the *art* service.

History

#1 - 10/21/2017 04:13 PM - Gianluca Petrillo

- Description updated

#2 - 10/23/2017 10:28 AM - Lynn Garren

- Status changed from New to Assigned

- Assignee set to Brandon Eberly

Brandon, are you able to fix this?

#3 - 06/18/2018 04:37 PM - Brandon Eberly

This cannot be done without changing the behavior of the code or making a breaking change. There is a `GetChannelsWithStatus` function that returns all channels with a particular status. For this to work in the case of initializing from a default status (rather than database or a file), then the total number of channels needs to be known. The code currently uses the geometry service to get this information.

#4 - 06/25/2018 10:47 AM - Kyle Knoepfel

We'd like to have a discussion with you regarding this.