

LArSoft - Support #13801

Transient object memory hoarding

09/08/2016 11:37 AM - Katherine Lato

Status:	Closed	Start date:	09/08/2016
Priority:	Low	Due date:	
Assignee:	Gianluca Petrillo	% Done:	100%
Category:	Documentation	Estimated time:	0.00 hour
Target version:		Spent time:	1.50 hour
Experiment:	-	Co-Assignees:	
Description			
<p>Data structures that contain transient data and that remain in scope at the end of the event should be cleared at the end of the event rather than at the beginning of the next event. The LArSoft team should investigate how often this pattern occurs, and educate users in the perils of using it.</p> <p>A better solution is to have transient data go out of scope at the end of each event.</p>			

History

#1 - 10/11/2016 01:23 PM - Katherine Lato

- Status changed from New to Assigned
- Assignee set to Gianluca Petrillo
- Priority changed from Normal to Low

To make progress, we're going to ignore the 'investigate' and focus on the educating users. Starting by having a 'good code example' on https://cdcv.s.fnal.gov/redmine/projects/larsoft/wiki/LArSoft_Code_Standards#Using-transient-data that will show having transient data go out of scope at the end of each event.

#2 - 10/11/2016 02:52 PM - Gianluca Petrillo

- Category set to Documentation
- Status changed from Assigned to Resolved
- % Done changed from 0 to 100

LArSoft wiki page https://cdcv.s.fnal.gov/redmine/projects/larsoft/wiki/The_rules_and_guidelines was updated with an extensive example.

#3 - 10/27/2016 02:19 PM - Katherine Lato

- Status changed from Resolved to Closed