

## LArSoft - Support #10991

### Lack of activating the Geant4 visualization in LArSoft

11/24/2015 09:57 AM - Ruth Pordes

<b>Status:</b>	Assigned	<b>Start date:</b>	07/26/2016
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Erica Snider	<b>% Done:</b>	0%
<b>Category:</b>	Other	<b>Estimated time:</b>	40.00 hours
<b>Target version:</b>		<b>Spent time:</b>	0.00 hour
<b>Experiment:</b>	-	<b>Co-Assignees:</b>	
<b>Description</b>			
to enable use of external visualization tools such as paraview Larsoft needs to activate the Geant4 visualization.			
This has been done in the lariat gpvms/experiment specific code.			
more information is available at <a href="https://github.com/jbkowalkowski/AnalysisWork/wiki/Geant4-visualization-and-LArSoft">https://github.com/jbkowalkowski/AnalysisWork/wiki/Geant4-visualization-and-LArSoft</a>			

#### History

##### #1 - 11/24/2015 05:59 PM - Lynn Garren

- Tracker changed from Bug to Support

##### #2 - 07/26/2016 07:44 PM - Ruth Pordes

- Category set to Other

- Status changed from New to Assigned

- Assignee set to Brian Rebel

- Start date changed from 11/24/2015 to 07/26/2016

- Estimated time set to 40.00 h

From: Ruth Pordes <[ruth@fnal.gov](mailto:ruth@fnal.gov)>

Date: Tuesday, July 26, 2016 at 4:44 PM

To: "Brian J. Rebel x8226 14112N" <[brebel@fnal.gov](mailto:brebel@fnal.gov)>

Cc: "James R. Sinclair x 32403V" <[james.sinclair@lhep.unibe.ch](mailto:james.sinclair@lhep.unibe.ch)>, Erica Snider <[erica@fnal.gov](mailto:erica@fnal.gov)>, Adam L Lyon <[lyon@fnal.gov](mailto:lyon@fnal.gov)>, James B Kowalkowski <[jbk@fnal.gov](mailto:jbk@fnal.gov)>

Subject: Re: fix to nutools for preview visualization we would like??

Sounds reasonable to me.. We will wait til you have time to look..

Ruth

From: "Brian J. Rebel x8226 14112N" <[brebel@fnal.gov](mailto:brebel@fnal.gov)>

Date: Tuesday, July 26, 2016 at 4:43 PM

To: Ruth Pordes <[ruth@fnal.gov](mailto:ruth@fnal.gov)>

Cc: "James R. Sinclair x 32403V" <[james.sinclair@lhep.unibe.ch](mailto:james.sinclair@lhep.unibe.ch)>

Subject: Re: fix to nutools for preview visualization we would like??

Hi Ruth

that looks complicated enough to make implementing a change not a "next-day" thing. NOvA is very dependent on nutools, so we have to be careful to avoid messing anything up for them.

I would have to look at my schedule to see when I might be able to work it in.

Brian

On Jul 26, 2016, at 4:31 PM, Ruth Pordes <[ruth@fnal.gov](mailto:ruth@fnal.gov)> wrote:

Hi Brian

Apparently this would require some design work to fix?? JimK likely has the code? James Sinclair has run into this problem for a DUNE ND simulation event display..

<https://github.com/jbkowalkowski/AnalysisWork/wiki/Geant4-visualization-and-LArSoft>

Thanks!

Ruth

**#3 - 08/10/2017 10:26 AM - Katherine Lato**

- Assignee changed from *Brian Rebel* to *Erica Snider*

- Priority changed from *High* to *Normal*

Brian is no longer working on LArSoft, so assigning to Erica temporarily.