

## artdaq - Feature #25081

### minor adjustment TRACE/TLOG lvls for new trace version with added non-debug levels

10/15/2020 02:25 PM - Ron Rechenmacher

<b>Status:</b>	Closed	<b>Start date:</b>	10/15/2020
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Ron Rechenmacher	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	artdaq v3_09_02	<b>Co-Assignees:</b>	Eric Flumerfelt
<b>Experiment:</b>	-		
<b>Description</b>			
<p>artdaq and trace and message facility use non-debug levels: error, warning and info. Message facility has other "levels" (which they actually call severities). Other systems have 6 or 7 non-debug levels. DUNE has 5. It would have been nice if TRACE had more non-debug levels... enough to "map" to the 5 DUNE levels. A new version of TRACE will have more levels (i.e. 7 non-debug levels) that basically match syslogd levels (which also match levels used in the kernel). To allow a seamless transition to a new version of TRACE (with more levels) some current low debug levels should be shifted up (out of the new non-debug level) space. A quick analysis of the code via:</p> <pre>findsource   xargs egrep -l 'TRACE\[([0-7]), TLOG\[([3-7])\]'</pre> <p>indicates:</p> <ul style="list-style-type: none"><li>artdaq_demo - 3 files</li><li>artdaq - 14 files</li><li>artdaq_core - 1 file</li><li>artdaq_utilities - 1 file</li></ul>			

#### History

**#1 - 10/15/2020 02:25 PM - Ron Rechenmacher**

- Tracker changed from Bug to Feature

**#2 - 10/15/2020 03:06 PM - Ron Rechenmacher**

- Description updated

**#3 - 10/15/2020 03:07 PM - Ron Rechenmacher**

- Description updated

**#4 - 10/16/2020 08:13 AM - Eric Flumerfelt**

- Assignee set to Ron Rechenmacher

- Status changed from New to Resolved

- Co-Assignees Eric Flumerfelt added

artdaq\_core reviewed by code inspection (1 TRACE call changed)

**#5 - 10/16/2020 08:14 AM - Eric Flumerfelt**

artdaq\_demo reviewed by code inspection (only TRACE calls' levels changed)

**#6 - 10/16/2020 08:14 AM - Eric Flumerfelt**

artdaq\_utilities reviewed by code inspection (6 TRACE calls had level changes)

**#7 - 10/16/2020 08:31 AM - Eric Flumerfelt**

- Status changed from Resolved to Reviewed

artdaq reviewed by code review and using the commander\_test to validate changes to do\_trace\_get.

**#8 - 10/23/2020 12:27 PM - Eric Flumerfelt**

- *Target version set to artdaq v3\_09\_02*

- *Status changed from Reviewed to Closed*