

## VME Intensity Monitor - Feature #11021

### Use Trace for logging & error reporting

11/29/2015 08:58 AM - John Diamond

<b>Status:</b>	Assigned	<b>Start date:</b>	11/29/2015
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	John Diamond	<b>% Done:</b>	90%
<b>Category:</b>		<b>Estimated time:</b>	16.00 hours
<b>Target version:</b>		<b>Spent time:</b>	2.50 hours
<b>Description</b>			
Switch to using trace for logging and error reporting.			

#### History

##### #1 - 01/02/2016 09:52 PM - John Diamond

- Status changed from New to Assigned
- Assignee set to John Diamond
- % Done changed from 0 to 80

Created 13 trace levels:

```
LOG_ERROR = 0,  
LOG_WARNING = 1,  
LOG_ACNET = 3,  
LOG_BBM = 4,  
LOG_BEL = 5,  
LOG_DAQ = 6,  
LOG_FILTER = 7,  
LOG_CYCLEDEV = 8,  
LOG_MDAT = 9,  
LOG_LATCH = 10,  
LOG_SUM = 11,  
LOG_TRIGGERS = 12,  
LOG_CONTROL = 13
```

Went through all .cpp's and replaced cout's and cerr's with TRACE0's.

##### #2 - 01/02/2016 10:07 PM - John Diamond

- % Done changed from 80 to 90

Configured anubstartup to initialize Trace.

Had to move the location of traceInit to be AFTER MOOC is initialized in order to work properly.

**This still needs to be done for Toroid startup scripts.**