

artdaq - Idea #23837

Handle full disk in output modules

01/07/2020 01:29 PM - Eric Flumerfelt

Status:	New	Start date:	01/07/2020
Priority:	Normal	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Experiment:	-		
Description			
<p>Currently, the behavior of our output modules is inconsistent. RootOutput and RootDAQOut appear to crash art when they fill up their target partition, which causes the DAQ to first restart art then stop taking data via back-pressure (artdaq gives up on restarting art when it doesn't live long enough after starting). BinaryFileOutput appears to silently fail, and continues to consume events.</p> <p>It may be desirable to have BinaryFileOutput behave the same way as RootOutput, and have SharedMemoryEventManager perform some action upon determining that art is no longer capable of running.</p>			