

artdaq Utilities - Bug #21740

DAQInterface should treat process Error states the same as process crashes

01/22/2019 05:08 PM - John Freeman

Status:	Resolved	Start date:	01/22/2019
Priority:	Normal	Due date:	
Assignee:	John Freeman	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Experiment:	-	Co-Assignees:	
Description			
Right now, in direct process management mode, if a process crashes (goes away) then DAQInterface will simply print a warning and continue running. However, if a process returns "Error" when queried (as happens when a fragment generator throws an exception), DAQInterface will initiate the recovery sequence, stopping the run. An "Error" state should be treated the same as a crash - i.e., it should only print a warning by default.			

History

#1 - 01/28/2019 04:50 PM - John Freeman

- % Done changed from 0 to 100

- Status changed from New to Resolved

This is handled by commit d64f2b9df69524dd72b5047e8dfa59d008770bf1 on the develop branch. In the event that a process, when queried, returns "Error", then rather than shutting down the run and returning itself to the "Stopped" state, DAQInterface will instead print a warning and remove the process from its list of processes to query. Also, if we have `$DAQINTERFACE_PROCESS_MANAGEMENT_METHOD == "direct"` rather than "pmt", DAQInterface will kill off the process; it doesn't do this in the pmt case because that would bring down the entire run.