

artdaq - Bug #20348

OnlineMonitoring reports timeouts while reading events from Dispatcher.

07/18/2018 01:37 PM - Gennadiy Lukhanin

Status:	Work in progress	Start date:	07/18/2018
Priority:	Low	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Co-Assignees:	
Experiment:	-		
Description			
DAQ configured to run the mediumsistem_with_routing_master test at 1Hz.			
The OnlineMonitoring job reports timeouts while reading events from Dispatcher.			
<pre>[mu2etrg@mu2edaql1 DAQInterfaceTest]\$ art -c ./TransferInputShmem.fcl %MSG-i MF_INIT_OK: Early 18-Jul-2018 13:03:56 CDT JobSetup Messagelogger initialization complete. %MSG %MSG-i DeactivatedPath: Early 18-Jul-2018 13:03:57 CDT JobSetup Detected end path "a1" which was not found in parameter "physics.end_paths". Path will be ignored. %MSG %MSG-i DeactivatedPath: Early 18-Jul-2018 13:03:57 CDT JobSetup Detected end path "a2" which was not found in parameter "physics.end_paths". Path will be ignored. %MSG %MSG-i DeactivatedPath: Early 18-Jul-2018 13:03:57 CDT JobSetup Detected end path "e1" which was not found in parameter "physics.end_paths". Path will be ignored. %MSG %MSG-i TransferWrapper: DAQ 18-Jul-2018 13:03:57 CDT Booted TransferWrapper.cc:71 Attempting to register this monitor ("shmem1") with the dispatcher aggregator %MSG %MSG-i TransferWrapper: DAQ 18-Jul-2018 13:03:57 CDT Booted TransferWrapper.cc:76 Response from dispatcher is "Success" %MSG %MSG-i configureMessageFacility: artdaqart 18-Jul-2018 13:03:57 CDT Booted configureMessageFacility.cc:300 Message Facility Application artdaqart configured with: debugModules:["*"] destinations:{console:{ threshold:"INFO" type:"cout"}} %MSG %MSG-w TransferWrapper: DAQ 18-Jul-2018 13:03:58 CDT Booted TransferWrapper.cc:142 Timeout occurred in call to transfer_->receiveFragmentFrom; will try again, status = -1 %MSG %MSG-w TransferWrapper: DAQ 18-Jul-2018 13:04:00 CDT Booted TransferWrapper.cc:142 Timeout occurred in call to transfer_->receiveFragmentFrom; will try again, status = -1 %MSG %MSG-w TransferWrapper: DAQ 18-Jul-2018 13:04:05 CDT Booted TransferWrapper.cc:142 Timeout occurred in call to transfer_->receiveFragmentFrom; will try again, status = -1 %MSG %MSG-w TransferWrapper: DAQ 18-Jul-2018 13:04:10 CDT Booted TransferWrapper.cc:142 Timeout occurred in call to transfer_->receiveFragmentFrom; will try again, status = -1 %MSG %MSG-w TransferWrapper: DAQ 18-Jul-2018 13:04:15 CDT Booted TransferWrapper.cc:142 Timeout occurred in call to transfer_->receiveFragmentFrom; will try again, status = -1 %MSG %MSG-w TransferWrapper: DAQ 18-Jul-2018 13:04:20 CDT Booted TransferWrapper.cc:142 Timeout occurred in call to transfer_->receiveFragmentFrom; will try again, status = -1 %MSG %MSG-w TransferWrapper: DAQ 18-Jul-2018 13:04:25 CDT Booted TransferWrapper.cc:142 Timeout occurred in call to transfer_->receiveFragmentFrom; will try again, status = -1</pre>			

```
%MSG
%MSG-w TransferWrapper:  DAQ 18-Jul-2018 13:04:30 CDT Booted TransferWrapper.cc:142
Timeout occurred in call to transfer_->receiveFragmentFrom; will try again, status = -1
%MSG
```

Related issues:

Related to artdaq - Bug #20372: SBN om attach **Closed** **07/19/2018**

History

#1 - 07/18/2018 01:39 PM - Kyle Knoepfel

- Description updated

#2 - 07/23/2018 12:29 PM - Ron Rechenmacher

- Related to Bug #20372: SBN om attach added

#3 - 07/23/2018 12:35 PM - Ron Rechenmacher

increasing om art timeout seems to work. See source.timeoutInUsecs in tools/fcl/TransferInputShmem.fcl:

```
...
source: {
  module_type: TransferInput
  1. The timeout shouldn't be much smaller than the period between events, otherwise # there's a spew of timeout messages
  timeoutInUsecs: 60000000
  ...
}
```

#4 - 07/23/2018 03:58 PM - Ron Rechenmacher

- Status changed from New to Work in progress

- Priority changed from Normal to Low