

artdaq - Feature #24982

Routing Improvements

09/17/2020 02:57 PM - Eric Flumerfelt

Status:	Resolved	Start date:	09/17/2020
Priority:	Normal	Due date:	
Assignee:	Eric Flumerfelt	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:		Co-Assignees:	
Experiment:	ICARUS, Mu2e		
Description			
<p>ICARUS and Mu2e have both expressed interest in a routing system which knows about process locations and therefore preferentially directs completed events to artdaq processes running on the same host. In addition, other functionality has been requested such as the ability to assign a DataLogger to a larger chunk of data (i.e. a subrun) with the goal of reducing the total number of files opened when multiple DataLoggers are used.</p> <p>The first part of this feature's implementation should simply be to clean up the existing implementations and making sure that each component of the routing system has a discrete class (i.e. separate TokenSender from RequestSender).</p>			

History

#1 - 09/25/2020 04:14 PM - Eric Flumerfelt

- Status changed from New to Resolved

Changes implemented on several branches:

artdaq:feature/24982_RoutingImprovements

artdaq-utilities-mpich-plugin:feature/24982_RoutingImprovements

artdaq-demo:feature/24982_RoutingImprovements

artdaq-utilities-daqinterface:feature/24982_ChangesForMu2e

#2 - 03/09/2021 02:35 PM - Eric Flumerfelt

The mu2e_sample_system simple test configuration has been updated on the artdaq-utilities-daqinterface branch to take advantage of the new features introduced by this Issue. It is probably a good starting point for testing.