artdaq - Issues

#	Tracker	Status	Priority	Subject	Assignee	Updated
24508	Idea	Closed	Normal	Separate Fragment Buffering (and Request applying) from Generating		07/24/2020 02:13 PM
24398	Idea	Closed	Normal	Separate Request Buffering from Request Receiving	Eric Flumerfelt	07/24/2020 02:13 PM
23979	Idea	Closed	Normal	The standard DAQInterface settings file should set advanced_memory_usage to true	John Freeman	11/30/2020 12:32 PM
22372	Idea	Closed	Normal	daqinterface - can it check, before start, for stale sharedmemory segments for the appropriate partition?	John Freeman	11/22/2019 01:56 PM
22355	Idea	Closed	Normal	Add "Minimum" and "Maximum" to MetricMode, make it a flags enum	Eric Flumerfelt	07/25/2019 09:10 AM
22059	Idea	Closed	Normal	Implement filename wildcards in RootDAQOut	Kurt Biery	03/06/2019 11:31 AM
21923	Idea	Closed	Normal	With a few code changes, we could support multiple logger processes sending events to the Dispatcher	Kurt Biery	12/10/2019 11:49 AM
21667	Idea	Closed	Normal	Reorganize artdaq code (specifically the Application directory)	Eric Flumerfelt	04/30/2019 11:33 AM
21368	Idea	Closed	Normal	A proposal to make CommandableFragmentGenerator non-default constructible		10/18/2019 03:03 PM
21071	Idea	Closed	Normal	Fragment header fields to indicate issues during DAQ	Eric Flumerfelt	07/24/2019 11:30 AM
20982	Idea	Closed	Normal	Iterate artdaq_database into quick-mrb-start.sh / run_demo.sh.	Gennadiy Lukhanin	11/30/2020 12:34 PM
20815	Idea	Closed	Normal	Include RawEventHeader as art product	Eric Flumerfelt	07/24/2020 02:05 PM
20508	Idea	Closed	Low	Manage committing whitespace changes		10/18/2019 02:46 PM
20471	Idea	Closed	Low	standardize on a code format		10/18/2019 03:05 PM
18521	Idea	Closed	Normal	Consider not dropping out-of-sequence requests	Eric Flumerfelt	01/27/2018 12:44 PM
18266	Idea	Closed	Normal	Come up with concept of failure to fulfill request		11/05/2019 09:07 AM
18210	Idea	Closed	Normal	Non-pathological low request rate results in error message		11/05/2019 09:06 AM
18205	Idea	Closed	Normal	A dropped request shouldn't imply empty fragments for subsequent requests	Eric Flumerfelt	01/27/2018 12:39 PM
16703	Idea	Closed	Normal	For debugging purposes, make it simple to install any versions of the various packages (artdaq, artdaq-demo, etc.)		01/27/2018 12:37 PM
15709	Idea	Closed	Normal	Minimize dependencies of artdaq-core	Eric Flumerfelt	03/02/2017 09:21 AM
15428	Idea	Closed	Normal	Console output module for color-coded MessageFacility messages	Eric Flumerfelt	02/10/2017 12:01 PM
15350	Idea	Closed	Normal	art as separate process in EventBuilder and DataLogger	Eric Flumerfelt	01/27/2018 12:34 PM
15155	Idea	Closed	Normal	Consider some form of plugin-based system for command and control of artdaq processes	Eric Flumerfelt	01/27/2018 12:35 PM
14999	Idea	Closed	Normal	DataRequests should contain all outstanding events	Eric Flumerfelt	01/11/2017 08:51 AM
14998	Idea	Closed	Normal	Change all instances of the word "trigger" with the phrase "data request"	Eric Flumerfelt	01/11/2017 08:47 AM
14781	Idea	Closed	Normal	Investigate starting art as a subordinate, but separate, process in the EventBuilder and Aggregator	Eric Flumerfelt	01/27/2018 12:33 PM
14661	Idea	Closed	Normal	Can artdaq::Fragment have zero dependencies on other code in the art stack?		03/02/2017 10:40 AM
13682	Idea	Closed	Normal	Graphical interface for viewing data flow through an ARTDAQ system	Eric Flumerfelt	08/25/2016 03:39 PM
13528	Idea	Closed	Normal	FragmentGenerators should be primarily configured via fcl files	Eric Flumerfelt	01/13/2017 03:42 PM
13527	Idea	Closed	Normal	Combine CommandableFragmentGenerator and TriggeredFragmentGenerator	Eric Flumerfelt	08/25/2016 04:13 PM
13430	Idea	Closed	Normal	Replace the monitoring aggregator with a dispatcher	John Freeman	09/21/2016 03:24 PM

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13389	Idea	Closed	Normal	Make sure error messages are as useful as possible for end users	John Freeman	11/05/2019 09:09 AM
11878	Idea	Closed	Normal	Do-nothing filter which spins for a while then passes fragments on	Eric Flumerfelt	05/04/2016 04:04 PM
11692	Idea	Closed	Normal	Add the use of MRB to the artdaq-demo.	Eric Flumerfelt	08/25/2016 04:10 PM
11691	Idea	Closed	Normal	Modify the metadata-related methods in artdaq::Fragment	John Freeman	06/17/2016 02:07 PM
11690	Idea	Closed	Normal	Possible changes to CommandableFragmentGenerator methods and sample child classes		05/04/2016 03:10 PM
11689	Idea	Closed	Normal	Find and correct any places in the artdaq-demo documentation that don't have the artdaq/artdaq-core split correct.	John Freeman	05/23/2016 09:54 AM
11688	Idea	Closed	Normal	Update the artdaq-demo to make the use of artdaq::Fragment and Overlays more clear	John Freeman	05/23/2016 09:54 AM
10600	Idea	Closed	Normal	Store the configurations of each artdaq process in the art/ROOT data file(s)	John Freeman	05/22/2017 08:37 AM
8892	Idea	Closed	Normal	Reduce the data-dependence of our metrics reporting	Eric Flumerfelt	01/27/2018 12:32 PM
7917	Idea	Closed	Normal	Triggered Board Reader: A Board Reader that only sends fragments upon request	Eric Flumerfelt	05/23/2016 10:35 AM
7658	Idea	Closed	Normal	Look into using messages between BoardReaders as a way to trigger readout		05/23/2016 10:35 AM
7245	Idea	Closed	Normal	Investigate whether we can use an MPI_Barrier to synchronize BoardReaders with a newer version of MPI	Kurt Biery	05/23/2016 10:24 AM
7244	Idea	Closed	Normal	Create a reusable UDP FragmentGenerator	Eric Flumerfelt	05/23/2016 10:23 AM
6782	Idea	Closed	Normal	[LBNE, Mu2e] Investigate ways to provide a two-stage artdaq system		10/18/2019 02:56 PM
6256	Idea	Closed	Normal	Separate the existing artdaq code into multiple packages	Kurt Biery	07/28/2014 11:29 AM
6166	Idea	Closed	Normal	Think about ways to incorporate an external request to the EventBuilders for a specific time window	Eric Flumerfelt	01/11/2017 10:20 AM
6093	Idea	Closed	Normal	Document our recommendations for versioning of overlays, etc.		01/27/2018 12:29 PM
5988	Idea	Closed	Normal	Provide sample run history tracking		01/13/2017 04:33 PM
5986	Idea	Closed	Normal	Investigate whether we can support graceful loss of a small number of EventBuilders		03/21/2019 11:34 AM
5983	Idea	Closed	Normal	Provide centralized message logging		05/23/2016 10:23 AM
5982	Idea	Closed	Normal	Provide general-purpose configuration management tools and infrastructure		01/13/2017 04:35 PM
5981	Idea	Closed	Normal	Provide general-purpose Run Control functionality		05/22/2017 12:04 PM
5979	Idea	Closed	Normal	Provide DAQ monitoring similar to what is done with Ganglia for NOvA DAQ	Kurt Biery	05/23/2016 12:22 PM
5961	Idea	Closed	Normal	Coordinate the requested changes to art for an online environment		01/27/2018 12:25 PM
5948	Idea	Closed	Normal	Investigate the buffering that MPI provides and update the system to minimize any hidden buffering	Kurt Biery	05/23/2016 10:23 AM
5304	Idea	Closed	Normal	Handle run-based and spill-based data		01/27/2018 12:20 PM
24312	Idea	Rejected	Normal	DAQInterface should ensure that the MessageFacility FHiCL code it's given is legal		05/20/2020 03:05 PM
22068	Idea	Rejected	Normal	Use recursive mutex in CommandableFragmentGenerator to improve code clarity	Eric Flumerfelt	03/19/2021 12:43 PM
21055	Idea	Rejected	Low	Fragment Generator for EPICS Data		03/19/2021 12:39 PM
6000	Idea	Rejected	Normal	Port the BoardReader code to the RCE		10/18/2019 02:55 PM
5985	Idea	Rejected	Normal	Redesign the model that is used to provide events to online monitoring		01/13/2017 04:46 PM