artdaq - Issues

#	Tracker	Status	Priority	Subject	Assignee	Updated
5976	Idea	New	Normal	Provide graphical monitoring that shows the state of all of the buffers and queues in the system		02/10/2017 01:07 PM
5989	Idea	New	Normal	Remote monitoring and control recommendations		01/13/2017 04:32 PM
5994	Idea	Assigned	Normal	Investigate the possibility of using DDS from RTI for data transfers	John Freeman	01/13/2017 04:15 PM
5999	Idea	New	Normal	Investigate the possibility of running compression, etc. in a BoardReader		01/13/2017 04:15 PM
6793	Idea	New	Normal	Think about ways to read data from front-ends and discard it between runs		01/13/2017 04:04 PM
11536	Idea	New	Normal	Remove rt_priority from BinaryMPIOutput_module?		01/13/2017 03:52 PM
11693	Idea	New	Normal	Create an artdaq-skeleton (and probably artdaq-core-skeleton) package that users can use to get started.		01/13/2017 03:51 PM
14606	Idea	Resolved	Normal	Implement the transition scripts called by sdaqinterface.py for high-level control of artdaq processes	John Freeman	02/10/2017 01:07 PM
15267	Idea	Resolved	Normal	Improve error handling in DAQInterface	John Freeman	02/10/2017 01:07 PM
15323	Idea	New	Normal	Setting alignment and padding defaults of QuickVec	Ron Rechenmacher	01/26/2017 11:30 AM
15738	Idea	New	Normal	Improved handling of messageviewer by DAQInterface	John Freeman	03/03/2017 04:55 PM
15749	Idea	Resolved	Normal	Provide an option to DAQInterface in which it's not in charge of the artdaq processes	John Freeman	03/28/2017 10:24 AM
15791	Idea	New	Normal	To prevent 100% CPU usage by fragment generators, users should have to specify a sleep time in getNext_()		03/08/2017 05:13 PM
20294	Idea	New	Low	Sync message in TCPSocketTransfer		07/23/2018 02:48 PM
20393	Idea	New	Normal	Redesign the use of sequence IDs so that counter_inc() actually increments something		07/23/2018 07:50 AM
20442	Idea	New	Normal	Evaluate the shared memory interplay between "broadcast," "reliable," "overwrite" and "drop" design/functionality (and corresponding fcl config)		09/19/2018 01:12 PM
20443	Idea	New	Normal	Look for redesign opportunities to remove timeouts and provide more reliable behavior		07/25/2018 02:10 PM
20444	Idea	New	Normal	Look into redesign possibilities to avoid coupling behavior to the presence of data		07/25/2018 02:12 PM
20445	Idea	New	Normal	Think about whether EBs sending requests is more reliable than sending routing tables from the RoutingMaster		07/25/2018 02:19 PM
20446	Idea	New	Normal	Re-examine the handling of subrun rollover messages and subrun pieces in art		07/25/2018 02:31 PM
20455	Idea	New	Normal	Think about ways to support different configuration formats which still maintaining traceability and archiving		07/26/2018 10:17 AM
20456	Idea	New	Normal	Collaborate with UK folks on an in-memory database for status monitoring and possibly routing		07/26/2018 11:55 AM
20476	Idea	New	Normal	Develop a plan for incorporating Inhibit Master functionality into artdaq		07/30/2018 09:19 AM
20481	Idea	New	Normal	Add the "--print-description" option to DAQ processes.		07/30/2018 12:42 PM
20482	Idea	New	Normal	Add support for "#includes" before PROLOGs in the db layer.		07/30/2018 12:51 PM
20764	Idea	New	Low	RoutingMaster learns data rate and adjusts accordingly		09/06/2018 02:20 PM
20803	Idea	Resolved	Normal	DAQInterface's requirement that a boardreader FHiCL document be of the form <componentname>_hw_cfg.fcl should be removed	John Freeman	09/14/2018 10:34 AM
20979	Idea	Resolved	Normal	Remove deprecated simple_test_configs	Eric Flumerfelt	10/12/2018 12:50 PM
21116	Idea	New	Low	Process for managing Online Monitors		10/11/2018 02:10 PM
21164	Idea	New	Normal	A simple-test-config that has configure-only BRs might be useful to help mimic protoDUNE-like systems		10/16/2018 11:33 AM

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21165	Idea	New	Normal	Create a Null_generator CommandableFragmentGenerator		10/16/2018 11:33 AM
21178	Idea	New	Normal	Limit DataLoggers to one art process		10/25/2018 12:22 PM
21206	Idea	New	Normal	RoutingMaster should always send up-to-date updates		10/22/2018 01:47 PM
21496	Idea	Resolved	Normal	Support hexadecimal values in settings_example	John Freeman	12/13/2018 04:49 PM
22137	Idea	Reviewed	Normal	Can the ProtoDUNE variant of DAQInterface be absorbed into standard DAQInterface?	John Freeman	04/12/2019 07:19 PM
22145	Idea	New	Normal	Allow experiments to put certain Fragments on separate ROOT Branches		03/15/2019 10:02 AM
22197	Idea	Reviewed	Normal	DAQInterface should have a "help" option	John Freeman	08/06/2019 02:11 PM
22529	Idea	New	Normal	Support the (proto)DUNE DFO Model in artdaq		07/25/2019 10:23 AM
22595	Idea	New	Normal	Filesystem transfer plugin		06/04/2019 08:41 AM
22736	Idea	New	Normal	Process a run_records directory and generate a graphical representation of the configuration		06/20/2019 10:52 AM
23029	Idea	New	Normal	DAQInterface could launch processes in parallel across nodes	John Freeman	12/19/2019 12:25 PM
23470	Idea	New	Normal	Upgrade to Python 3	Eric Flumerfelt	12/08/2020 03:52 PM
23639	Idea	New	Normal	Support for non-scalar metric reporting		11/20/2019 09:23 AM
23776	Idea	New	Normal	Allow users more control of MetricPlugin behavior		12/18/2019 08:45 AM
23778	Idea	New	Normal	Dynamic reconfiguration of EventBuilder sources		12/18/2019 10:52 AM
23782	Idea	New	Normal	Create plugin type for CommandableFragmentGenerator request modes		12/19/2019 09:27 AM
23837	Idea	New	Normal	Handle full disk in output modules		01/07/2020 01:29 PM
24375	Idea	New	Normal	Look into possible performance improvements due to using byte as the basic Fragment data type		05/19/2020 04:43 PM
25262	Idea	New	Normal	Include links to detailed information in MessageFacility Messages		11/30/2020 01:57 PM
25502	Idea	New	Normal	Investigate moving away from smc_compiler		02/10/2021 11:43 AM