artdaq - Issues

#	Tracker	Status	Priority	Subject	Assignee	Updated
20394	Support	Closed	High	Create a snapshot release of the code in use at protoDUNE	Kurt Biery	09/27/2018 10:07 AM
20425	Support	Resolved	High	Create UPS produce for jsoncpp		07/24/2018 12:47 PM
22753	Support	Closed	High	Lots of spurious xmlrpc messages seen in logs in artdaq v3_5_0 system		10/07/2019 11:40 AM
4569	Support	Closed	High	Please build and distribute release v1_03_00 of artdaq	Lynn Garren	05/23/2016 10:07 AM
20396	Support	New	High	Provide support for protoDUNE DAQ		07/23/2018 08:10 AM
21057	Support	Closed	High	Review DataSenderManager Code Change	Eric Flumerfelt	10/25/2018 01:45 PM
20423	Support	Work in progress	High	Revisit the model for supporting developer software areas at protoDUNE		08/01/2018 02:19 PM
20340	Support	New	High	run tests and improve the system so we can run at higher rates at protoDUNE		08/01/2018 01:13 PM
20339	Support	New	High	SBND Vertical Slice test		07/18/2018 11:45 AM
21194	Support	Closed	High	Update SharedMemoryEventManager_t to compensate for the removal of weak ordering	Eric Flumerfelt	10/25/2018 01:45 PM
21161	Support	Closed	High	Use compare and exchange operations on atomics within SharedMemoryManager	Eric Flumerfelt	10/25/2018 01:40 PM
22701	Support	Resolved	Normal	Add additional unit tests for RequestMessage.hh	Eric Flumerfelt	11/08/2019 01:20 PM
10720	Support	Closed	Normal	Add Boost program options library to CMakeLists.txt file in Application/MPI2	Kurt Biery	05/23/2016 10:31 AM
21059	Support	Closed	Normal	Add Boost_THREAD_LIBRARY to routing_master_t link list	Gennadiy Lukhanin	03/06/2019 11:36 AM
19062	Support	Closed	Normal	Add compatibility with new versions of messagefacility	Eric Flumerfelt	02/20/2018 10:25 AM
22220	Support	Resolved	Normal	Add Event number to TRACEs in SharedMemoryReader	Eric Flumerfelt	03/26/2019 08:58 AM
24231	Support	Resolved	Normal	Add init_fragment_count to bookkept parameters in DAQInterface		03/29/2020 12:34 PM
19060	Support	Closed	Normal	Add support for art v2_10_02	Eric Flumerfelt	02/20/2018 10:19 AM
21694	Support	Closed	Normal	Add support for art v2_11_05 (s73)		02/01/2019 03:50 PM
21787	Support	Rejected	Normal	Add support for art v2_12_00 (s74)		04/24/2019 12:01 PM
23121	Support	Closed	Normal	Add support for art v2_13_00 (s85)	Eric Flumerfelt	09/24/2019 09:52 AM
24744	Support	Closed	Normal	Add support for art v3_06_02 (s100)	Eric Flumerfelt	08/13/2020 11:07 AM
19905	Support	Closed	Normal	Add TRACE messages for event flow	Kurt Biery	05/08/2018 10:04 AM
10724	Support	Closed	Normal	Add TRACE_NAME and MPI rank debug logging to RHandles and SHandles		05/23/2016 10:32 AM
23764	Support	New	Normal	artdaq boot sequence takes significant time for ICARUS daq		12/19/2019 03:10 PM
15496	Support	Closed	Normal	artdaq_core for art v2_06_00	Eric Flumerfelt	02/09/2017 11:31 AM
13287	Support	Closed	Normal	artdaq-demo build fails in certain environments	Ron Rechenmacher	01/13/2017 03:24 PM
21058	Support	Closed	Normal	artdaq_demo v3_03_00 fails to build on SLF6		10/25/2018 01:51 PM
24869	Support	New	Normal	artdaq_epics_plugin		08/26/2020 03:25 PM
20430	Support	Assigned	Normal	Assist in the rollout of the metadata art module for protoDUNE	Kurt Biery	07/24/2018 04:18 PM
20608	Support	Resolved	Normal	Assist in the setup of an artdaq-database (MongoDB) instance on np04-srv-009 for RunControl testing there	John Freeman	08/20/2018 04:07 PM

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20344	Support	Work in progress	Normal	At protoDUNE, either turn off core dumps or implement something to clean up core files		08/01/2018 09:29 AM
15000	Support	New	Normal	Audit all messages produced by artdaq during normal running		11/05/2019 09:09 AM
21738	Support	Resolved	Normal	BoardReader memory usage increases with using circular_buffer_mode_example and nADCcounts of 200		11/08/2019 10:17 AM
21225	Support	New	Normal	boot.txt files in simple_test_configs should be immediately usable		10/29/2018 05:10 PM
22188	Support	Work in progress	Normal	Calculate code coverage of artdaq unit tests	Eric Flumerfelt	03/22/2019 09:13 AM
18897	Support	Closed	Normal	Clang v5_0_1 support for artdaq_core	Eric Flumerfelt	02/06/2018 10:24 AM
23173	Support	Closed	Normal	Combine pdune_swtrig and pdune_swtrig_noRM sample configurations into one	Kurt Biery	12/10/2019 11:50 AM
18368	Support	Closed	Normal	CommandableFragmentGenerator Cleanup	Eric Flumerfelt	01/27/2018 12:43 PM
21814	Support	Assigned	Normal	Continue to investigate protoDUNE DAQ issues and validate artdaq changes at protoDUNE	Kurt Biery	07/16/2019 11:01 AM
18806	Support	Closed	Normal	Create Doxygen API documentation for artdaq_mfextensions	Eric Flumerfelt	01/27/2018 11:12 AM
18809	Support	Closed	Normal	Create Doxygen API Documentation for artdaq_utilities	Eric Flumerfelt	01/27/2018 11:39 AM
18155	Support	New	Normal	create message logging best practices	Ron Rechenmacher	11/08/2017 03:36 PM
15081	Support	Closed	Normal	Create test for DataReceiverManager and DataSenderManager	Eric Flumerfelt	01/11/2017 09:09 AM
21131	Support	Closed	Normal	Create version of core_demo using artdaq_core v3_04_03		10/25/2018 01:50 PM
21130	Support	Closed	Normal	Create version of node server using artdaq_database v1_04_65	Eric Flumerfelt	10/25/2018 01:54 PM
20426	Support	Work in progress	Normal	Daily call with Giovanna and Karol		08/01/2018 09:39 AM
22924	Support	Reviewed	Normal	DAQInterface bookkeeping should only include one copy of the host_map in destinations, as well as sources	John Freeman	07/17/2019 05:51 PM
20138	Support	Closed	Normal	DataReceiverManager should respect DATA_END flag from Transfer Plugins	Eric Flumerfelt	06/08/2018 11:51 AM
22159	Support	Closed	Normal	Determine why artdaqDriver performance suffers with many shared memory buffers	Eric Flumerfelt	11/21/2019 02:35 PM
20478	Support	Resolved	Normal	Disable warning messages in the mongoc driver	Eric Flumerfelt	03/05/2019 04:41 PM
20457	Support	New	Normal	Discuss/confirm the order of transition commands to be sent to artdaq processes		07/26/2018 10:25 AM
16616	Support	Closed	Normal	Document all methods and public members of artdaq	Eric Flumerfelt	05/22/2017 10:43 AM
16605	Support	Closed	Normal	Document all methods and public members of artdaq-core	Eric Flumerfelt	05/22/2017 08:56 AM
16618	Support	Closed	Normal	Document all methods and public members of artdaq-demo	Eric Flumerfelt	05/22/2017 11:08 AM
16614	Support	Closed	Normal	Document all methods and public members of artdaq-epics-plugin	Eric Flumerfelt	05/22/2017 10:11 AM
16615	Support	Closed	Normal	Document all methods and public members of artdaq-ganglia-plugin	Eric Flumerfelt	05/22/2017 10:18 AM
16611	Support	Closed	Normal	Document all methods and public members of artdaq-mfextensions	Eric Flumerfelt	05/22/2017 09:56 AM
16608	Support	Closed	Normal	Document all methods and public members of artdaq-utilities	Eric Flumerfelt	05/22/2017 09:39 AM
5866	Support	Closed	Normal	[DS-50] Add the ability to preload a fake_fsync library in pmt.rb	Kurt Biery	04/23/2014 11:41 AM
20958	Support	Closed	Normal	Enhance EventDump_module		09/27/2018 10:24 AM
23328	Support	Closed	Normal	EventDump verbose mode unnecessary copies	Eric Flumerfelt	10/09/2019 11:13 AM
20480	Support	New	Normal	Exception when trying to stop the program: transition invoked while in transition		07/30/2018 12:28 PM

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15840	Support	Closed	Normal	Explicitly set the compressionLevel for root output modules	Eric Flumerfelt	03/10/2017 03:01 PM
23599	Support	Closed	Normal	Extra memcpy in NetMonWrapper and TransferWrapper	Eric Flumerfelt	02/20/2020 12:07 PM
22688	Support	Resolved	Normal	file metrics data dir -- default for demo?	Eric Flumerfelt	11/05/2019 10:29 AM
18369	Support	Closed	Normal	Fix long and arcane duration_cast lines	Eric Flumerfelt	01/27/2018 12:40 PM
23995	Support	New	Normal	Improve back-pressure reporting		02/04/2020 07:40 AM
20130	Support	Closed	Normal	Improved message parsing in UDPReceiver	Eric Flumerfelt	06/08/2018 11:14 AM
21060	Support	Closed	Normal	Improve reliability and progress reporting of routing_master_t	Eric Flumerfelt	10/25/2018 01:58 PM
5971	Support	New	Normal	Incorporate control of the Linux system fsync calls into the system		01/13/2017 04:40 PM
23918	Support	Closed	Normal	Investigate CPU usage of DataLogger process at SBN	Eric Flumerfelt	02/20/2020 11:45 AM
5943	Support	Closed	Normal	Investigate gcc 4.8.1 optimizer issue in NetMonOutput_module		01/27/2018 12:21 PM
20419	Support	New	Normal	Investigate where the art process is spending its time in high-data-volume situations at protoDUNE		07/23/2018 09:23 PM
13657	Support	Assigned	Normal	Investigation: max disk-writing rate with RAM disk	Kurt Biery	01/13/2017 03:47 PM
23284	Support	Closed	Normal	logMessage_ function in BoardReaderCore and DataReceiverCore should be replaced with TLOG calls	Eric Flumerfelt	02/20/2020 12:07 PM
23517	Support	Closed	Normal	Lots of SharedMemoryManager errors in TRACE buffer at end of artdaq-demo test run	Eric Flumerfelt	11/21/2019 02:35 PM
18896	Support	Closed	Normal	Make artdaq_core conform to TRACE best practices	Eric Flumerfelt	02/06/2018 10:23 AM
9061	Support	Rejected	Normal	Make Darwin builds of artdaq		05/22/2017 09:10 AM
15083	Support	Closed	Normal	Make MetricPlugin const-correct	Eric Flumerfelt	01/11/2017 09:23 AM
21889	Support	Resolved	Normal	Make sure that artdaq runs cleanly under ASAN	Eric Flumerfelt	02/12/2019 12:23 PM
22422	Support	Closed	Normal	Migrate artdaq_database to MongoDB v4.0.8	Gennadiy Lukhanin	04/30/2019 01:03 PM
15077	Support	Closed	Normal	Move MetricManager from artdaq to artdaq-utilities	Eric Flumerfelt	01/11/2017 08:53 AM
21621	Support	Assigned	Normal	Notes from testing the killing of an EB process on a teststand	Kurt Biery	08/01/2019 03:13 PM
21769	Support	Closed	Normal	Notes on getting single-node, private-network multicasts to work on SBN DAQ computers	Kurt Biery	07/25/2019 10:25 AM
21626	Support	Assigned	Normal	Notes on where data logging (art) processes are spending their time	Kurt Biery	01/04/2019 06:26 PM
23036	Support	New	Normal	Observations from attempting to install and run the artdaq_demo v3_6_0		08/01/2019 11:18 AM
23359	Support	Closed	Normal	Only test SharedMemoryManager on Linux OS	Eric Flumerfelt	10/08/2019 12:15 PM
15620	Support	Closed	Normal	Optimize Shmem_transfer for small fragments	Eric Flumerfelt	03/02/2017 10:42 AM
15621	Support	Closed	Normal	Optimize TCPSocket_transfer	Eric Flumerfelt	03/02/2017 10:38 AM
15304	Support	Closed	Normal	Please add MRB to the artdaq and/or artdaq_demo manifest files	Eric Flumerfelt	02/14/2017 08:55 AM
4195	Support	Closed	Normal	Please create a new artdaq release with the latest code on the develop branch in git	Lynn Garren	05/23/2016 10:10 AM
20960	Support	Closed	Normal	RandomDelayFilter Enhancements	Eric Flumerfelt	09/27/2018 10:27 AM
15830	Support	Closed	Normal	Reduce number of lock calls in MetricManager	Eric Flumerfelt	03/10/2017 12:29 PM
18370	Support	Closed	Normal	Refactor applyRequests	Eric Flumerfelt	01/27/2018 12:41 PM
6233	Support	Closed	Normal	release for art v1_09_03	Kurt Biery	05/12/2014 11:08 AM

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16612	Support	Closed	Normal	Remove all instances of SysMessage type	Eric Flumerfelt	05/22/2017 09:58 AM
15520	Support	Closed	Normal	Remove all references to libTRACE and tracelib.h	Eric Flumerfelt	02/10/2017 12:51 PM
24358	Support	Closed	Normal	Remove artdaq_demo dependency from artdaq_demo_hdf5	Eric Flumerfelt	07/24/2020 02:36 PM
15076	Support	Closed	Normal	Remove ifdef conditional compilation where possible in artdaq	Eric Flumerfelt	01/11/2017 08:45 AM
15075	Support	Closed	Normal	Remove ifdef conditional compilation where possible in artdaq-core	Eric Flumerfelt	01/11/2017 08:40 AM
15145	Support	Closed	Normal	Remove ifdef conditional compilation where possible in artdaq-core-demo	Eric Flumerfelt	01/13/2017 12:38 PM
15138	Support	Closed	Normal	Remove ifdef conditional compilation where possible in artdaq-demo	Eric Flumerfelt	01/13/2017 12:12 PM
16132	Support	Closed	Normal	Remove InFlightConfiguration_service	Eric Flumerfelt	05/22/2017 10:52 AM
23839	Support	Closed	Normal	Remove metric aggregation from SharedMemoryEventManager	Eric Flumerfelt	02/20/2020 12:08 PM
20133	Support	Closed	Normal	Remove "missing request" processing from CommandableFragmentGenerator	Eric Flumerfelt	06/08/2018 11:37 AM
15080	Support	Closed	Normal	Remove now-unneccessary FHiCL parameters from AggregatorCore and EventBuilderCore	Eric Flumerfelt	01/11/2017 09:03 AM
15139	Support	Closed	Normal	Remove old, unused code from artdaq-demo	John Freeman	01/13/2017 12:18 PM
8586	Support	Closed	Normal	Remove Perf statistics gathering to help avoid crashes [LBNE 35t]	Kurt Biery	05/23/2016 10:30 AM
15837	Support	Closed	Normal	Remove #pragma gcc diagnostic ignored	Eric Flumerfelt	03/10/2017 02:54 PM
15519	Support	Closed	Normal	Remove redundant configuration parameters in CommandableFragmentGenerator	Eric Flumerfelt	02/10/2017 12:49 PM
15146	Support	Closed	Normal	Remove references to v172x fragments	John Freeman	01/13/2017 12:39 PM
16613	Support	Closed	Normal	Remove the NULL_PARTITION button	Eric Flumerfelt	05/22/2017 09:59 AM
15715	Support	Closed	Normal	Remove uniquifier from artdaq_epics_plugin	Eric Flumerfelt	03/02/2017 11:43 AM
10723	Support	Closed	Normal	Remove unnecessary socket bind() call in EventStore		05/11/2016 01:24 PM
22236	Support	Closed	Normal	Request for assistance in running the simple_subsystems sample configuration	Eric Flumerfelt	12/10/2019 11:52 AM
17878	Support	New	Normal	request packaging of EPICS BASE, EPICS CSS, and NetSNMP		10/11/2017 12:28 PM
23111	Support	Closed	Normal	Restarting a crashed EventBuilder doesn't automatically result in data flowing through that EB again	Eric Flumerfelt	09/24/2019 09:54 AM
22326	Support	Resolved	Normal	Revise misleading documentation in MetricPlugin.hh	Eric Flumerfelt	04/08/2019 10:29 AM
7806	Support	Closed	Normal	Should we support slf5 in the demo?		05/23/2016 10:00 AM
20458	Support	New	Normal	Summary of EventBuilder crashes at protoDUNE July 23-26		07/26/2018 11:40 AM
20949	Support	Closed	Normal	Support artdaq v3_03_00 features in artdaq_mpich_plugin	Eric Flumerfelt	09/27/2018 08:53 AM
23977	Support	Closed	Normal	Support for art v3_04_00 s94	Eric Flumerfelt	02/20/2020 12:08 PM
15713	Support	Closed	Normal	Support for MessageFacility v1_18_03	Eric Flumerfelt	03/02/2017 11:11 AM
15497	Support	Closed	Normal	Support in artdaq for art v2_06_00 (s45:e14)	Eric Flumerfelt	03/10/2017 12:56 PM
20889	Support	Closed	Normal	Support the running of multiple demo systems by multiple users on a single host		03/06/2019 11:44 AM
20406	Support	Resolved	Normal	System behaving unexpectedly when there are no triggers		07/23/2018 12:23 PM
23371	Support	Closed	Normal	The installation of boost v1_70_0 on cvmfs is broken, please fix		10/09/2019 11:12 AM
15141	Support	Closed	Normal	Update artdaq-demo examples	Eric Flumerfelt	01/13/2017 12:23 PM

#	Tracker	Status	Priority	Subject	Assignee	Updated
12599	Support	Closed	Normal	Update artdaq-demo to reflect new artdaq release v1_12_16	John Freeman	05/23/2016 10:00 AM
22796	Support	Closed	Normal	Update artdaq_node_server's db module	Eric Flumerfelt	07/26/2019 08:45 AM
23416	Support	Resolved	Normal	Update metric usage in artdaq	Eric Flumerfelt	10/31/2019 12:46 PM
5954	Support	Closed	Normal	Update the main line of artdaq development to use art v1_09_02	Kurt Biery	07/28/2014 11:28 AM
18807	Support	Closed	Normal	Use boost::thread instead of std::thread to allow control of thread stack size	Eric Flumerfelt	01/27/2018 11:22 AM
15082	Support	Closed	Normal	Use C++11 timing utilities in MetricPlugin	Eric Flumerfelt	01/11/2017 09:22 AM
24439	Support	New	Normal	Use new[] with align parameter in QuickVec to silence Valgrind error in ROOT		05/19/2020 04:42 PM
19907	Support	Closed	Normal	Use predictable fhicl file names for child art processes	Eric Flumerfelt	05/08/2018 10:15 AM
21115	Support	Closed	Normal	Use RootDAQOut in all DAQInterface simple_test_configs	Eric Flumerfelt	12/10/2019 11:52 AM
21798	Support	Closed	Low	Add support for art v3 series		04/30/2019 11:29 AM
11007	Support	Rejected	Low	ARTDAQ build fails on Darwin		05/22/2017 09:10 AM
19517	Support	Closed	Low	artdaqDriver splits output data into two files; not sure why	Eric Flumerfelt	04/17/2018 11:20 AM
20607	Support	Work in progress	Low	Assist in the setup of the DUNE cold electronics teststand at PAB		10/09/2018 01:21 PM
20424	Support	New	Low	Can we provide assistance in defining or describing a model in which offline jobs can look up beam conditions on a file-by-file basis?		07/23/2018 09:47 PM
20361	Support	New	Low	Help investigate FELIX BoardReader metric reporting		07/19/2018 02:29 AM
20345	Support	New	Low	Should we start bundling rgang with artdaq so that we have it available at experiments that we are supporting?		07/18/2018 11:43 AM
23386	Support	New	Low	Support for MPI transfers in artdaq v3	Eric Flumerfelt	10/07/2019 11:43 AM