

artdaq - Unresolved Bugs, features, support since July 2018

#	Tracker	Status	Priority	Subject	Assignee	Updated
20395	Feature	Work in progress	High	Oversee and/or contribute to the transfer of archival Run Configuration information to the offline		08/01/2018 02:01 PM
20388	Feature	Work in progress	High	Create one or more simple_test_configs that are as similar to protoDUNE DAQ that we can get and stress test them on the Mu2e Pilot cluster		08/01/2018 01:56 PM
24951	Feature	New	High	Archive run_record_attempted	John Freeman	09/10/2020 08:34 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
20396	Support	New	High	Provide support for protoDUNE DAQ		07/23/2018 08:10 AM
20278	Bug	Assigned	Normal	Dispatcher fails to receive any events in low-rate situations	Eric Flumerfelt	07/05/2018 12:30 PM
20373	Bug	New	Normal	SBND VST - subrun change from fragment generator not working		07/23/2018 03:34 PM
25109	Bug	New	Normal	bug/feature - canvas mf::LogDebug message in msgviewer		10/22/2020 09:21 PM
25093	Bug	New	Normal	Raise Visibility of tcp_receive_buffer_size parameter		10/19/2020 01:27 PM
20363	Bug	New	Normal	EventRate and EventSize metrics don't update in EB/DL when dataflow stops		07/19/2018 03:18 AM
25185	Bug	New	Normal	artdaq daq interface run sort based on timestamp can lead to bad behavior if folder timestamps are inadvertently changed		11/10/2020 04:58 PM
24249	Bug	New	Normal	Online Monitor art processes disconnect after first subrun in subrun_example		03/30/2020 01:16 PM
24072	Bug	New	Normal	Occasional issue running ascii_simulator_example for multiple runs on multiple mu2edeq machines		02/20/2020 11:06 AM
20965	Bug	New	Normal	run_demo.sh		09/27/2018 11:33 AM
20513	Bug	New	Normal	EB crash at protoDUNE in run 3032		08/02/2018 08:15 AM
25586	Bug	New	Normal	Upgrade to Python 3	Gennadiy Lukhanin	03/03/2021 03:10 PM
20645	Bug	New	Normal	EventBuilder crash pdune_Aug20A		08/20/2018 12:54 PM
21239	Bug	New	Normal	PMT Host != localhost fails to boot		01/18/2019 01:55 PM
21611	Bug	New	Normal	DAQInterface advanced memory usage seems to have trouble with certain FHiCL over-rides	John Freeman	01/08/2019 06:16 PM
23050	Bug	New	Normal	The number of EB buffers seems to affect whether a demo system continues to take data after an EB crash		08/07/2019 04:54 PM
20335	Bug	New	Normal	BoardReader intermittent crash at endrun		07/18/2018 08:29 AM
20969	Bug	New	Normal	run_demo.sh defaults to partition 0 in quick-mrb-start.sh		09/27/2018 02:18 PM
22095	Bug	New	Normal	DAQInterface "direct" mode leaves stale processes		03/13/2019 02:24 PM
20519	Bug	New	Normal	Dispatcher shared memory segments left after terminate		08/03/2018 08:42 AM
21969	Bug	New	Normal	run_demo.sh partitioning issue again		02/23/2019 01:32 PM
23490	Feature	Work in progress	Normal	Last archived run number	Gennadiy Lukhanin	01/14/2020 05:16 PM

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20421	Feature	Work in progress	Normal	Improve the organization of the Run Configurations at protoDUNE		08/01/2018 09:26 AM
20463	Feature	Work in progress	Normal	Check with our art colleagues on the progress toward an improved FHiCL parser		08/06/2018 09:37 AM
22543	Feature	Assigned	Normal	Merge and test individual changes from develop branches into the for_dune-artdaq branches in artdaq-related repos	Kurt Biery	05/08/2019 11:29 AM
22533	Feature	Assigned	Normal	Change signature of CommandableFragmentGenerator::getNext	Kurt Biery	06/05/2019 04:03 PM
20580	Feature	Assigned	Normal	Bookkeep max_event_size_bytes to reflect different fragment sizes from different fragment generators	John Freeman	08/28/2018 09:16 AM
22531	Feature	Assigned	Normal	Add destination parameter to DSM::sendFragment		05/30/2019 02:49 PM
23131	Feature	Assigned	Normal	Add reporting of fragment IDs for missing fragments to the FragmentWatcher module	Kurt Biery	01/07/2020 10:12 AM
23067	Feature	New	Normal	Develop infrastructure for sending ZeroMQ messages from the DFO to the InhibitMaster at protoDUNE	Kurt Biery	09/03/2019 12:51 PM
25444	Feature	New	Normal	Upgrade mongoc and mongocxx drivers		01/27/2021 04:14 PM
22534	Feature	New	Normal	Bookkeeping changes for allowing multiple request domains within a subsystem		05/23/2019 12:50 PM
24418	Feature	New	Normal	Use ExceptionHandler in xmlrpc_commander		05/14/2020 01:14 PM
22925	Feature	New	Normal	configure separate stdout/err (console) log files		11/05/2019 11:49 AM
22535	Feature	New	Normal	RoutingNetOutput plugin: A version of BinaryNetOutput that receives Routing Tokens		06/26/2019 03:58 PM
20392	Feature	New	Normal	Create a simple hex-dump tool (art module) for artdaq		07/23/2018 07:47 AM
20983	Feature	New	Normal	Annotate artdaq database with doxygen tags.		09/28/2018 05:15 PM
20338	Feature	New	Normal	Improve the speed of the configuration step		07/24/2018 09:47 AM
20632	Feature	New	Normal	Improve the error reporting from conftool.py		08/17/2018 11:42 AM
20628	Feature	New	Normal	Archiving time on the protoDUNE cluster should be reduced	Gennadiy Lukhanin	08/16/2018 03:04 PM
20633	Feature	New	Normal	rgang trace tools		08/17/2018 02:16 PM
21228	Feature	New	Normal	A script should be made available where it's easy for users to update the branches in their installation's git repos	John Freeman	10/24/2018 05:02 PM
20426	Support	Work in progress	Normal	Daily call with Giovanna and Karol		08/01/2018 09:39 AM
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
20430	Support	Assigned	Normal	Assist in the rollout of the metadata art module for protoDUNE	Kurt Biery	07/24/2018 04:18 PM
21621	Support	Assigned	Normal	Notes from testing the killing of an EB process on a teststand	Kurt Biery	08/01/2019 03:13 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
21626	Support	Assigned	Normal	Notes on where data logging (art) processes are spending their time	Kurt Biery	01/04/2019 06:26 PM
25340	Support	New	Normal	Performance concerns in FragmentBuffer	Eric Flumerfelt	12/18/2020 10:44 AM
21225	Support	New	Normal	boot.txt files in simple_test_configs should be immediately usable		10/29/2018 05:10 PM
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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24439	Support	New	Normal	Use new[] with align parameter in QuickVec to silence Valgrind error in ROOT		05/19/2020 04:42 PM
25674	Support	New	Normal	Update compressionLevel in simple_test_config		04/05/2021 01:42 PM
20458	Support	New	Normal	Summary of EventBuilder crashes at protoDUNE July 23-26		07/26/2018 11:40 AM
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
23764	Support	New	Normal	artdaq boot sequence takes significant time for ICARUS daq		12/19/2019 03:10 PM
23995	Support	New	Normal	Improve back-pressure reporting		02/04/2020 07:40 AM
23036	Support	New	Normal	Observations from attempting to install and run the artdaq_demo v3_6_0		08/01/2019 11:18 AM
20457	Support	New	Normal	Discuss/confirm the order of transition commands to be sent to artdaq processes		07/26/2018 10:25 AM
20348	Bug	Work in progress	Low	OnlineMonitoring reports timeouts while reading events from Dispatcher.		07/23/2018 03:58 PM
20386	Bug	New	Low	run_demo (and presumably just_do_it) should not continue when there is a configuration error		07/23/2018 09:13 PM
20431	Bug	New	Low	{art-related} When writing data from EventBuilders and both maxRuns and maxSubRuns are set to 1, we get an extra file from each EB at end-run		07/24/2018 02:37 PM
20433	Bug	New	Low	When I accidentally try to import a configuration from a subdirectory, I get an extra schema.fcl file in that subdirectory		07/24/2018 03:03 PM
20347	Bug	New	Low	Dispatcher connection issues can prevent data from flowing in upstream parts of the system		07/23/2018 09:19 PM
20398	Bug	New	Low	Error messages say that "use_data_thread" needs to be set, when in fact the parameter is named "separate_data_thread"		07/23/2018 09:16 PM
20387	Bug	New	Low	Something set all of my requested trace levels to zero		07/25/2018 04:12 PM
20546	Bug	New	Low	transfer_driver_shmem_multi_t doesn't test non-reliable mode		08/06/2018 03:10 PM
20366	Bug	New	Low	Notes from protoDUNE Slack channel, 19-Jul-2018		07/23/2018 09:16 PM
20367	Bug	New	Low	zero length core file on terminate		07/19/2018 11:03 AM
20385	Bug	New	Low	run_demo.sh gets inconsistent results for the DAQInterface port when someone else is running the demo on mu2eddaq01		07/23/2018 09:11 PM
20383	Bug	New	Low	NetMonOutput (?) should consider an empty destinations block, as well as nonblocking_sends:true when considering whether to block		07/23/2018 09:12 PM
20346	Bug	New	Low	Failed to connect to shared memory segment with key 0xcee70001		08/01/2018 02:22 PM
20404	Bug	New	Low	EventBuilders stop dataflow when there is a configured rootNetOutput module, but no Dispatcher running		07/23/2018 04:14 PM
20569	Feature	Work in progress	Low	Status monitoring display		01/30/2019 02:25 PM
20362	Feature	Assigned	Low	Add external controlling functionality to InhibitMaster	Wesley Ketchum	07/25/2018 01:59 PM
20509	Feature	New	Low	Create a script or tool to set up the latest compatible version of a requested product		08/01/2018 03:09 PM
21233	Feature	New	Low	make SharedMemoryManager more maintainable by combining sem and sem_id to a single atomic		10/25/2018 02:10 PM
20641	Feature	New	Low	daqinterface, when recovery is disabled, could/should have the ability to rgang to all the nodes to freeze the trace buffers		10/12/2018 01:20 PM

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20510	Feature	New	Low	fragment overruns		08/01/2018 04:05 PM
20627	Feature	New	Low	Generic implementation of interrupt/timeout functionality		08/16/2018 02:30 PM
20607	Support	Work in progress	Low	Assist in the setup of the DUNE cold electronics teststand at PAB		10/09/2018 01:21 PM
23386	Support	New	Low	Support for MPI transfers in artdaq v3	Eric Flumerfelt	10/07/2019 11:43 AM
20361	Support	New	Low	Help investigate FELIX BoardReader metric reporting		07/19/2018 02:29 AM
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
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