artdaq

	2020-9				2020-10				2020-11				2020-12					2021-1				2021-2			
		37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	1	2	3	4	5	6	7	8
artdaq																										
Add fragment ID checking to some combination (...)		Resolved																								
Incorporate control of the Linux system fsync (...)		New																								
The Aggregator runs slower when event grouping (...)		New																								
Implement the "report" functionality infrastructure		New																								
Provide a way to determine the allowed transitions (...)		New																								
Remote monitoring and control recommendations		New																								
Investigate the possibility of using DDS (...)		Assigned																								
Investigate the possibility of running compression, (...)		New																								
Investigate whether FragmentGenerator state (...)		New																								
Think about ways to read data from front-ends (...)		New																								
Develop test procedures and documents for (...)		New																								
Document development procedures for SQA		New																								
Add documentation for basic operation and (...)		New																								
Add functionality and tools to artdaq for (...)		New																								
Audit all messages produced by artdaq during (...)		New 67%																								
create message logging best practices		New																								
Remove rt_priority from BinaryMPIOutput_module?		New																								
Create an artdaq-skeleton (and probably artdaq-core-skeleton) (...)		New																								
Investigation: max disk-writing rate with (...)		Assigned																								
Setting alignment and padding defaults of (...)		New																								
To prevent 100% CPU usage by fragment generators, (...)		New																								
Implement fadvise dont need for ROOT data (...)		New																								
request packaging of EPICS BASE, EPICS CSS, (...)		New																								
TransferInput should check for dispatcher (...)		New																								
Sync message in TCPSocketTransfer		New																								
Routing Master takes a long time (forever?) (...)		Remission																								
Issue du jour #1 at protoDUNE, 17-Jul-2018: (...)		Resolved																								

artdaq

Issue du jour #2 at protoDUNE, 17-Jul-2018: (...)	Resolved
Issue du jour #3 at protoDUNE, 17-Jul-2018: (...)	Resolved
Issue du jour #4 at protoDUNE, 17-Jul-2018: (...)	Remission
EB crash at protoDUNE	Resolved
BoardReader intermittent crash at endrun	New
Improve the speed of the configuration step	New
SBND Vertical Slice test	New
run tests and improve the system so we can (...)	New
write data files directly from event builders	Resolved
enable trigger inhibiting at protoDUNE	Resolved
At protoDUNE, either turn off core dumps (...)	Work in progress
Should we start bundling rgang with artdaq (...)	New
Failed to connect to shared memory segment (...)	New
Dispatcher connection issues can prevent (...)	New
OnlineMonitoring reports timeouts while reading (...)	Work in progress
Help investigate FELIX BoardReader metric (...)	New
Add external controlling functionality to (...)	Assigned
EventRate and EventSize metrics don't update (...)	New
Notes from protoDUNE Slack channel, 19-Jul-2018	New
zero length core file on terminate	New
SBND VST - subrun change from fragment generator (...)	New
NetMonOutput (?) should consider an empty (...)	New
run_demo.sh gets inconsistent results for (...)	New
run_demo (and presumably just_do_it) should (...)	New
Something set all of my requested trace levels (...)	New
Create one or more simple_test_configs that (...)	Work in progress
Create a simple hex-dump tool (art module) (...)	New
Redesign the use of sequence IDs so that (...)	New
Oversee and/or contribute to the transfer (...)	Work in progress
Provide support for protoDUNE DAQ	New
Error messages say that "use_data_thread" (...)	New
EventBuilders stop dataflow when there is (...)	New
System behaving unexpectedly when there are (...)	Resolved
Investigate where the art process is spending (...)	New

Help implement 4-digit zero padding of the (...)	Resolved
Improve the organization of the Run Configurations (...)	Work in progress
Revisit the model for supporting developer (...)	Work in progress
Can we provide assistance in defining or (...)	New
Create UPS produce for jsoncpp	Resolved
Daily call with Giovanna and Karol	Work in progress
Assist in the rollout of the metadata art (...)	Assigned
{art-related} When writing data from EventBuilders (...)	New
When I accidentally try to import a configuration (...)	New
Evaluate the shared memory interplay between (...)	New
Look for redesign opportunities to remove (...)	New
Look into redesign possibilities to avoid (...)	New
Think about whether EBs sending requests (...)	New
Re-examine the handling of subrun rollover (...)	New
Clean up the specification of max fragment (...)	Resolved
ZMQ connection_out parameter for timing/Felix (...)	Resolved
Think about ways to support different configuration (...)	New
Collaborate with UK folks on an in-memory (...)	New
Discuss/confirm the order of transition commands (...)	New
Summary of EventBuilder crashes at protoDUNE (...)	New
Check with our art collegues on the progress (...)	Work in progress
Develop a plan for incorporating Inhibit (...)	New
Disable warning messages in the mongoc driver	Resolved
High CPU usage in Boardreaders during the (...)	Remission
Exception when trying to stop the program: (...)	New
Add the "--print-description" option to DAQ (...)	New
Add support for "#includes" before PROLOGs (...)	New
Create and test a candidate release targeted (...)	Resolved
Create a script or tool to set up the latest (...)	New
fragment overruns	New
EB crash at protoDUNE in run 3032	New
Dispatcher shared memory segments left after (...)	New
transfer_driver_shmem_multi_t doesn't test (...)	New
EB terminate crash	Resolved

transfer_driver tests fail in pdune_ron_Aug01	Resolved
Status monitoring display	Work in progress
Bookkeep max_event_size_bytes to reflect (...)	Assigned
Have DAQInterface set the max fragment size (...)	Resolved
Assist in the setup of the DUNE cold electronics (...)	Work in progress
Assist in the setup of an artdaq-database (...)	Resolved
There are reports of DAQInterface taking (...)	Resolved
Generic implementation of interrupt/timeout (...)	New
Archiving time on the protoDUNE cluster should (...)	New
Improve the error reporting from conftool.py	New
rgang trace tools	New
daqinterface, when recovery is disabled, (...)	New
EventBuilder crash pdune_Aug20A	New
Remove BR Sync Metric	Resolved
More information from RoutingMasterCore	Resolved
Add Event Building Time metric	Resolved
TRACE metric output	Resolved
RoutingMaster learns data rate and adjusts (...)	New
Fix obviously-wrong values reported by "Request (...)	Resolved
run_demo.sh	New
run_demo.sh defaults to partition 0 in quick-mrb-start.sh	New
Annotate artdaq database with doxygen tags.	New
Freeze TRACE buffer when SharedMemoryManager (...)	Resolved
More useful Routing Wait Time metric in DataSenderManager	Resolved
Fix manual_mode for mu2e art process perfing	Resolved
Rename "Incomplete" events in SMEM	Resolved
metric_pset initialization in Cores	Resolved
On protoDUNE cluster, BuildInfo saves build (...)	Resolved
Process for managing Online Monitors	New
A simple-test-config that has configure-only (...)	New
Create a Null_generator CommandableFragmentGenerator	New
Limit DataLoggers to one art process	New
Make Shared Memory Transfer timeouts configurable	Resolved
RoutingMaster should always send up-to-date (...)	New

A script should be made available where it's (...)	New
make SharedMemoryManager more maintainable (...)	New
Notes on where data logging (art) processes (...)	Assigned
Notes from testing the killing of an EB process (...)	Assigned
Provide rank and app_name variables to metric (...)	Resolved
Dynamic display of event contents in WFViewer	Resolved
Continue to investigate protoDUNE DAQ issues (...)	Assigned
More/Better output from TransferDriver when (...)	Resolved
BoardReader memory usage increases with using (...)	Resolved
Get handle to Fragment Generator for otsdaq	Resolved
daqinterface starting multiple msgviewer (...)	Resolved
run_demo.sh partitioning issue again	New
DAQInterface "direct" mode leaves stale processes	New
revisit 17393 - changes made to artdaq/ArtModules/RootDAQOutput/RootDAQOut_module.cc	Reviewed
Allow experiments to put certain Fragments (...)	New
Add tests for RoutingMasterCore	Resolved
Make requests that have InvalidTimestamp (...)	Resolved
Support the (proto)DUNE DFO Model in artdaq	New
Add destination parameter to DSM::sendFragment	Assigned
Add acknowledgements to Request protocol	Resolved
Change signature of CommandableFragmentGenerator::getNext	Assigned
RoutingNetOutput plugin: A version of (...)	New
Update RequestReciever's interface	Resolved
Merge and test individual changes from develop (...)	Assigned
Add additional unit tests for RequestMessage.hh	Resolved
Filesystem transfer plugin	New
Process a run_records directory and generate (...)	New
DAQInterface makes inappropriate assumptions (...)	Reviewed
configure separate stdout/err (console) log (...)	New
Welcome message and output compilation date (...)	Resolved
Observations from attempting to install and (...)	New
The number of EB buffers seems to affect (...)	New
Develop infrastructure for sending ZeroMQ (...)	New
Add reporting of fragment IDs for missing (...)	Assigned

Test upgrade of old RawFragmentHeader versions	Resolved
Support for MPI transfers in artdaq v3	New
In-place allocation of ContainerFragment (...)	Resolved
artdaq boot sequence takes significant time (...)	New
Allow users more control of MetricPlugin (...)	New
Dynamic reconfiguration of EventBuilder sources	New
Create plugin type for CommandableFragmentGenerator (...)	New
Handle full disk in output modules	New
Improve back-pressure reporting	New
Occasional issue running ascii_simulator_example (...)	New
Online Monitor art processes disconnect after (...)	New
Look into possible performance improvements (...)	New
Use ExceptionHandler in xmlrpc_commander	New
documentation bug - QuickVec alignment should (...)	Reviewed
Use new[] with align parameter in QuickVec (...)	New
SharedMemory Output for art process	Resolved
Routing Improvements	Resolved
Raise Visibility of tcp_receive_buffer_size (...)	New
bug/feature - canvas mf::LogDebug message (...)	New
Include links to detailed information in (...)	New
Performance concerns in FragmentBuffer	New
Investigate moving away from smc_compiler	New
Improved TRACE logging in FragmentBuffer	Resolved
Race condition in SharedMemoryEventManager (...)	Reviewed
artdaq - artdaq Next Release	artdaq Next Release 50%
Dispatcher fails to receive any events (...)	Assigned
UPS dependency conflicts	Resolved
artdaq Demo	artdaq
~/.setup_fhiclcpp potential/actual problem	Resolved
No-pull mode for quick-mrb-start.sh	Resolved
Option to run_integration_tests.sh to (...)	Resolved
artdaq Utilities	artdaq
Provide graphical monitoring that shows (...)	New
Implement the transition scripts called (...)	Resolved

Create JCOP Metric Plugin	Work in progress
Improve error handling in DAQInterface	Resolved
daqinterface fails to boot the system (...)	Resolved
It might be helpful for daqinterface (...)	Resolved
Include scripts to help determine correct (...)	New
Improved handling of messageviewer by (...)	New
Provide an option to DAQInterface in (...)	Resolved
Get DAQInterface to automatically launch (...)	Resolved
Have the DAQInterface configuration (...)	Resolved
Allow users to specify startup order (...)	Resolved
Make it easier to launch online monitoring (...)	New
Modify DAQInterface so it can work as (...)	Resolved
Place a limit on the number of MessageFacility (...)	Resolved
Support for running multiple DAQInterfaces (...)	Resolved
DAQInterface settings file should allow (...)	Resolved
Minor issue in performing bookkeeping (...)	Resolved
FHiCL assignments that have names like (...)	Resolved
Multiple fileName parameter definitions (...)	Resolved
Specify multicast network in boot.txt...	Resolved
DAQInterface appears to leak file descriptors	Resolved
DAQInterface should save the per-run (...)	Resolved
DAQInterface should be able to place (...)	Resolved
On run start and stop, DAQInterface (...)	Resolved
On protoDUNE, DAQInterface should take (...)	Resolved
DAQInterface's requirement that a boardreader (...)	Resolved
DAQInterface creates malformed FHiCL (...)	Resolved
Use report_metric in demo simple_test_config	Resolved
Message Viewer not showing up in demo (...)	Resolved
boot.txt files in simple_test_configs (...)	New
DAQInterface should support multiple (...)	Resolved
DAQInterface should decouple the routingmaster (...)	Resolved
DAQInterface should be able to launch (...)	Resolved
PMT Host != localhost fails to boot	New
A set of subconfigurations which realistically (...)	Resolved

DAQInterface should support the concept (...)	Resolved
DAQInterface should have per-partition (...)	Resolved
DAQInterface product unsetup attempt (...)	Resolved
max_fragment_size_bytes in the settings (...)	Resolved
Build script for packages	Resolved
DAQInterface's memory management should (...)	Resolved
Support hexadecimal values in settings_example	Resolved
DAQInterface advanced memory usage seems (...)	New
It should be possible to tell DAQInterface (...)	Resolved
It should be possible to recover details (...)	Resolved
DAQInterface should treat process Error (...)	Resolved
If just_do_it.sh can't perform a transition, (...)	Resolved
Add a subconfiguration which contains (...)	Resolved
eventbuilder_diskwriting and combined_eb_and_el (...)	Reviewed
If a process dies or enters an error (...)	Reviewed
DAQInterface should algorithmically (...)	Reviewed
DAQInterface should allow for messagefacility (...)	Reviewed
Please add artdaq_daqinterface support (...)	Reviewed
Can the ProtoDUNE variant of DAQInterface (...)	Reviewed
DAQInterface should handle SIGHUP, SIGTERM, (...)	Reviewed
DAQInterface v3_04_00 has problems saving (...)	Reviewed
DAQInterface should have a "help" option	Reviewed
The use of a RoutingMaster in an artdaq (...)	Reviewed
have daqinterface support the specification (...)	Reviewed
When a partition has never been run (...)	Reviewed
Revise misleading documentation in MetricPlugin.hh	Resolved
DAQInterface should allow for a child (...)	Reviewed
Bookkeeping changes for allowing multiple (...)	New
file metrics data dir -- default for (...)	Resolved
DAQInterface makes inappropriate assumptions (...)	Reviewed
DAQInterface should handle situations (...)	Reviewed
DAQInterface should provide a hook to (...)	Reviewed
DAQInterface bookkeeping should only (...)	Reviewed
add metric_name to metric ctor to aid (...)	Resolved

daqinterface scripts should be able (...)	Reviewed
DAQInterface kills processes across (...)	Reviewed
DAQInterface could launch processes (...)	New
DAQInterface should support multiple (...)	Reviewed
DAQInterface should take advantage of (...)	Reviewed
DAQInterface could provide on-demand (...)	Reviewed
just_repeat_run.sh doesn't care what (...)	Reviewed
exception thrown when attempting to (...)	Reviewed
boot.fcl not correctly formed when user (...)	Reviewed
When creating boot.fcl, DAQInterface (...)	Reviewed
A convenience script could be provided (...)	Reviewed
DAQInterface should accept boot files (...)	Reviewed
DAQInterface should double-check its (...)	Reviewed
DAQInterface error handling fails for (...)	Reviewed
In the event of ssh problems, DAQInterface (...)	Reviewed
If there's an XML-RPC communication (...)	Reviewed
Possible issue with private-network (...)	Reviewed
Node.js server CRL issue	Resolved
Upgrade to Python 3	New
Last archived run number	Work in progress
DAQInterface sometimes does not wait (...)	Reviewed
Support for non-scalar metric reporting	New
DAQInterface should be able to resurrect (...)	Resolved
Archive run_record_attempted	New
artdaq daq interface run sort based (...)	New
Can daqinterface log the ssh commands (...)	Resolved
Have DAQInterface save the launch_attempt (...)	Resolved
When a critical artdaq process dies (...)	Reviewed
Support "prepend" in boot.txt	Resolved
Upgrade mongoc and mongocxx drivers	New
DAQInterface should allow overriding (...)	Reviewed
Upgrade to Python 3	New
Update compressionLevel in simple_test_config	New
artdaq Utilities - artdaq_daqinterface (...)	artdaq Utilities -artdaq_daqinterface v3_03_01 85%

Add support for the RootDAQOut (...)	**Resolved**
Remove deprecated simple_test_configs	**Resolved**
DAQInterface should support fragment (...)	**Resolved**
In protoDUNE metadata, DAQInterface (...)	**Resolved**
In DAQInterface, deepsuppression (...)	**Resolved**
It should be possible to repeat (...)	**Resolved**