art - Issues

#	Tracker	Status	Priority	Subject	Assignee	Updated
25685	Support	Feedback	Normal	Exercise 1: Running Pre-built art Modules version error	Kyle Knoepfel	04/12/2021 10:39 AM
25588	Bug	Resolved	Normal	trigger bit reassignment	Kyle Knoepfel	04/06/2021 10:41 AM
25578	Necessary Maintenance	Accepted	Normal	Make TFileDirectory::mkdir() const?		03/08/2021 10:22 AM
25551	Feature	Under Discussion	Normal	art_root_io/RootDB actually belongs to canvas_root_io		02/24/2021 09:31 AM
25363	Bug	Feedback	Normal	Root error thrown when running with art version ... with Root v6.22.06 with Root7 enabled		01/15/2021 09:04 AM
24925	Bug	Accepted	Normal	counter-intuitive behavior of the "drop on input"		09/08/2020 12:38 PM
24918	Feature	Resolved	Normal	make "trigger_paths" a non-dense array	Kyle Knoepfel	04/06/2021 10:56 AM
24721	Feature	Feedback	Normal	Event Mixing and Run-level Data Products	Kyle Knoepfel	03/10/2021 10:07 AM
24709	Support	Work in progress	Normal	art should not hook the ROOT error mechanism (or should provide a way for users to opt-out)		08/17/2020 10:26 AM
24109	Feature	Assigned	Normal	add include-what-you-use to clang build	Christopher Green	03/09/2020 10:26 AM
24050	Support	Assigned	Normal	Documentation on art::TriggerResults_TriggerResults__<process name> Event branch	Kyle Knoepfel	06/25/2020 02:14 PM
23935	Support	Assigned	Normal	Support creation of artdaq input source for combining serialized art Events	Kyle Knoepfel	02/03/2020 10:27 AM
23925	Feature	Under Discussion	Normal	Event resampling support		02/03/2020 10:27 AM
23801	Feature	Feedback	Normal	Request to extend TriggerNameServices to read names from previous jobs	Kyle Knoepfel	04/08/2021 03:09 PM
23742	Meeting	Assigned	Normal	Meeting to discuss desired XRootD file-opening behavior for RootInput source	Kyle Knoepfel	12/16/2019 10:25 AM
23741	Feature	Accepted	Normal	Improvements and clarifications for using XRootD		12/09/2019 03:58 PM
23689	Feature	Under Discussion	Normal	Opening xrootd files		12/09/2019 03:52 PM
23582	Feature	Under Discussion	Normal	Allow source modules to use random number engines from the RandomNumberGenerator service.		11/13/2019 08:21 AM
23167	Bug	Feedback	Normal	match art/root behavior to dCache		12/09/2019 03:51 PM
22357	Feature	Accepted	Low	Allow a placeholder for main FHiCL configuration name in output files (RootOutput, TFileService)		04/15/2019 10:26 AM
22225	Feature	Under Discussion	Normal	Request to add a file index offset to PostCloseFileRenamer		05/17/2019 11:45 AM
21964	Bug	Accepted	Normal	Misleading output in case of exceptions		02/25/2019 10:25 AM
21638	Bug	Feedback	Normal	What is art file open retry behavior?	Kyle Knoepfel	12/09/2019 03:53 PM
21412	Feature	Accepted	Normal	Enable product-mixing to read from multiple secondary input files per primary event		11/20/2018 01:57 PM
21386	Support	Assigned	Normal	Documentation is insuficient for `consumes`.	Kyle Knoepfel	12/03/2018 10:24 AM
21385	Support	Assigned	Normal	Art Module Design wiki section is significantly out of date.	Kyle Knoepfel	11/19/2018 10:39 AM
20772	Feature	Under Discussion	Normal	Inherit Configuration from Provenance		09/08/2018 04:55 PM
19994	Feature	Accepted	Normal	art multi-threading phase 2		05/21/2018 10:33 AM
19846	Support	Work in progress	Normal	Issues with events coming from different art histories in artdaq		05/14/2018 10:21 AM
19842	Feature	Assigned	Normal	Relax restrictions for plugin types in print-description and print-available	Kyle Knoepfel	07/24/2018 03:47 PM

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19674	Bug	Feedback	Normal	make_tool does not check type	Kyle Knoepfel	04/23/2018 11:29 AM
19599	Support	Feedback	Normal	art job influenced by random files		09/02/2020 09:11 AM
19306	Feature	Accepted	Normal	create Ptr to product		03/12/2018 11:47 AM
19013	Necessary Maintenance	Accepted	Normal	Implement tests for ensuring backwards compatibility		02/19/2018 11:26 AM
19012	Necessary Maintenance	Accepted	Normal	Implement testing procedure for ensuring backwards compatibility		02/19/2018 11:26 AM
19011	Necessary Maintenance	Accepted	Normal	Analyzer for testing backwards compatibility		02/19/2018 11:26 AM
19010	Necessary Maintenance	Accepted	Normal	Producer for testing backwards compatibility		02/19/2018 11:26 AM
18973	Feature	Accepted	Normal	Update cetskelgen to use fhicl validation		02/12/2018 12:22 PM
18942	Idea	Feedback	Low	Possible way around SIP and allowing use of DYLD_LIBRARY_PATH on macOS?		05/21/2018 05:41 AM
18792	Necessary Maintenance	Resolved	Normal	Determine which products to test for backwards compatibility	Marc Paterno	02/16/2018 12:04 PM
18628	Feature	Feedback	Normal	expand Results concept		01/25/2018 09:30 AM
18305	Bug	Remission	Normal	TimeTracker database output option sometimes causes exception		12/06/2017 10:00 AM
18152	Feature	Assigned	Normal	Have FileDumperOutput output into messagefacility streams	Christopher Green	11/20/2017 11:28 AM
18018	Necessary Maintenance	Assigned	Normal	Get dCache space accessible through xrootd	Marc Paterno	02/16/2018 11:53 AM
17407	Feature	Accepted	Normal	Configuration description of module		09/17/2019 02:16 PM
17098	Feature	Assigned	Low	Support the retrieval of a data product from a product ID in gallery::Event		12/03/2019 12:41 PM
17084	Necessary Maintenance	Accepted	Low	Documentation of messagefacility on Redmine wiki is very outdated		07/05/2017 11:56 AM
17056	Feature	Assigned	Normal	Add art command line option -fpe to turn on floating point exceptions by default.		12/03/2019 12:41 PM
16706	Feature	Accepted	Normal	Request additional output from EventIDFilter		12/03/2019 12:41 PM
16354	Feature	Accepted	Normal	Check that duplicate events are not processed for an art job		05/01/2017 11:55 AM
16342	Feature	Accepted	Normal	Facility to convert fhicl::ParameterSets from art/ROOT file to Python dictionary		05/01/2017 11:51 AM
16249	Bug	Accepted	Normal	building art on minsky.fnal.gv		04/26/2017 11:34 AM
16126	Feature	Accepted	Normal	Update Allinea Wiki Page With More Useful Documentation		12/03/2019 12:41 PM
15894	Feature	Under Discussion	Normal	Support RangeSet calculation and use per-schedule and across schedules		05/18/2018 02:55 PM
15785	Feature	Accepted	Low	Provide hints for "obvious" typo's in FHiCL parameter names		03/13/2017 11:37 AM
15618	Idea	Accepted	Normal	Support for reading secondary input files in a special scenario		03/13/2017 02:15 PM
15546	Support	Assigned	Normal	cetskelgen help should have one or two complete command line examples	Christopher Green	02/20/2017 11:19 AM

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15394	Feature	Accepted	Normal	Make cetbuiltools run the static analysis tools		02/06/2017 11:19 AM
15393	Feature	Accepted	Normal	Make available the CMS static analysis tools		02/06/2017 11:19 AM
15388	Feature	Accepted	Normal	Put context information into exceptions in the places where framework code intercepts them		05/18/2018 02:58 PM
15387	Feature	Accepted	Normal	Put context information into messagefacility messages		05/18/2018 02:57 PM
15382	Feature	Accepted	Normal	Introduce thread-pause signaling for debugging		05/18/2018 03:08 PM
15169	Idea	Accepted	Normal	Support splitting data products by schema evolution		01/23/2017 11:20 AM
13675	Bug	Accepted	Normal	messagefacility sqlite plugin test sporadic failure on OSX		08/29/2016 11:35 AM
13610	Feature	Assigned	Normal	Update schema evolution wiki page		12/03/2019 12:41 PM
13274	Bug	Accepted	Normal	Some dead links in art wiki: ROOT schema evolution		07/18/2016 11:24 AM
13050	Feature	Accepted	Normal	Request a new variant of T* TFileDirectory::makeAndRegister<T>		06/27/2016 12:17 PM
12974	Feature	Assigned	Normal	LArSoft Examples	Luke Simons	06/27/2016 11:32 AM
12973	Feature	Assigned	Normal	Add an example of/explanation of associations to the workbook.	Luke Simons	06/27/2016 11:31 AM
12857	Bug	Remission	Normal	Build-time dictionary checking has dangerous false positives		06/06/2016 11:40 AM
11839	Feature	Feedback	Normal	Add respondToOpenInputFile method to ResultsProducer		03/03/2016 03:21 PM
11634	Bug	Remission	Normal	Unexpected message from ROOT		02/08/2016 11:21 AM
11355	Feature	Feedback	Normal	Support for a very different sort of secondary input ...	Christopher Green	02/06/2017 11:40 AM
11156	Feature	Accepted	Low	Suggestions to update the fhicl documentation		12/21/2015 11:21 AM
11036	Feature	Accepted	Normal	multidimensional array support in NTuple product		12/07/2015 11:43 AM
11035	Feature	Accepted	Normal	art producer module in python		12/07/2015 11:43 AM
11033	Feature	Accepted	Normal	art module in Python		04/23/2018 10:51 AM
11026	Feature	Accepted	Normal	Tuple product support		04/23/2018 10:51 AM
10833	Bug	Accepted	Low	Incorrect framing of information about an exception thrown in the beginRun callback of an art::Service		04/23/2018 10:51 AM
10750	Feature	Feedback	Normal	lazy loading of the parameter set database		08/29/2016 04:21 PM
10410	Feature	Feedback	Low	Request option for first-match-in-LD_LIBRARY_PATH for resolving art plugins		10/19/2015 12:53 PM
9999	Feature	Accepted	Normal	objects and associated metadata in a single vecctor of pairs		09/08/2015 03:50 PM
9822	Bug	Accepted	Normal	Misleading diagnostics by art framework		08/17/2015 12:11 PM
8846	Feature	Accepted	Normal	Support for handling branch aliases		04/23/2018 10:51 AM
8845	Feature	Accepted	Normal	Limited support for analyzers in Python		10/23/2017 12:12 PM
8771	Feature	Accepted	Normal	Implement parameter set configuration printout - task 3b of issue #7538		06/01/2015 11:24 AM
8426	Feature	Accepted	Normal	Understand gradual memory growth and determine if it can be mitigated		04/27/2015 11:46 AM
8271	Feature	Assigned	Normal	Better diagnostics for ProductNotFound with multiple paths		12/03/2019 12:41 PM

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8178	Necessary Maintenance	Accepted	Low	Testing of drop on input needs improvement		10/23/2017 12:12 PM
7662	Feature	Feedback	Normal	Allow absolute include paths in fcls		10/23/2017 12:12 PM
7580	Support	Feedback	Low	Can't debug with the debug builds of art and externals on Mac OSX		10/23/2017 12:12 PM
7526	Bug	Feedback	Normal	Follow up on Parameter Set bloat		10/23/2017 12:12 PM
7303	Feature	Assigned	Normal	Specifying one metadata parameter on the command-line makes the rest mandatory	Kyle Knoepfel	10/23/2017 12:12 PM
7177	Feature	Accepted	Low	service and module testing utilities		10/23/2017 12:12 PM
7081	Feature	Assigned	Normal	SAM Process ID in metadata		12/03/2019 12:41 PM
7029	Feature	Accepted	Normal	Use one consistent unit test framework for Art		10/23/2017 12:12 PM
6681	Necessary Maintenance	Accepted	Normal	ParameterSetRegistry should use a tailored hash function		10/23/2017 12:12 PM
6679	Necessary Maintenance	Accepted	Normal	ParameterSetRegistry DBs should have primary key as blob rather than armored hex.		10/23/2017 12:12 PM
6387	Feature	Feedback	Normal	Provide versioning API in art_Framework_Core instead of art_Version		10/23/2017 12:12 PM
6303	Bug	Remission	Normal	Event Mixer	Christopher Green	10/23/2017 12:12 PM
5795	Feature	Feedback	Normal	code version control provenance		10/23/2017 12:12 PM
5790	Feature	Feedback	Normal	It should be possible to discover the art metadata for an object.		10/23/2017 12:12 PM
5775	Feature	Feedback	Normal	Support for arbitrary, random-file access		10/23/2017 12:12 PM
4916	Feature	Feedback	Normal	Implement SelectRuns and SelectSubRuns		10/23/2017 12:12 PM
4907	Feature	Feedback	Normal	Provide Run::isRealData() and SubRun::isRealData()		10/23/2017 12:12 PM
4704	Feature	Accepted	Normal	Command line facility to insert arbitrary configuration items.		10/23/2017 12:12 PM
4459	Necessary Maintenance	Accepted	Normal	Signal handling should be reviewed to ensure that signals are always handled by the correct thread.		10/23/2017 12:12 PM
4187	Feature	Accepted	Normal	Reading in metadata from input files		10/23/2017 12:12 PM
4075	Necessary Maintenance	Accepted	Normal	Without much effort, the framework can be made to support per-module action tables for exception handling.		10/23/2017 12:12 PM
3629	Feature	Accepted	Normal	Metadata retained for pure transient data products?		10/23/2017 12:12 PM
3571	Bug	Accepted	Low	Message logger configuration		10/23/2017 12:12 PM
3068	Feature	Accepted	Normal	PtrVectorBase custom streamer could be made more efficient.		10/23/2017 12:12 PM
2943	Feature	Feedback	Normal	ResourceWatch utility		10/23/2017 12:12 PM
1918	Feature	Accepted	Normal	Thinking ahead to event mixing and art::Ptr to run product		10/23/2017 12:12 PM
1759	Feature	Accepted	Normal	Periodic refreshing of histogram files		10/23/2017 12:12 PM
1316	Feature	Feedback	Normal	Snapshot histogram file		10/23/2017 12:12 PM
1246	Feature	Accepted	Normal	Reco on demand not finding products in the file		10/23/2017 12:12 PM

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1214	Feature	Assigned	Normal	Ptr to Run or SubRun product	Kyle Knoepfel	07/05/2017 05:41 PM
1197	Necessary Maintenance	Accepted	Normal	Unit / regression tests for RootInput random access.		10/23/2017 12:12 PM
1144	Milestone	Accepted	Normal	Defining categories for the error logger		10/23/2017 12:12 PM
1091	Milestone	Accepted	Normal	Review all signal emission in the light of sentry considerations and exception safety.		10/23/2017 12:12 PM
1075	Milestone	Accepted	Normal	Post on the tutorial web site some documentation for FileDumper		10/23/2017 12:12 PM
1043	Bug	Accepted	Normal	art::getFileFormatVersion and art::getFileFormatEra should be renamed		10/23/2017 12:12 PM
1026	Necessary Maintenance	Accepted	Normal	Duplicated code for branch name element verification		10/23/2017 12:12 PM
1000	Feature	Assigned	Normal	Run/event range		12/03/2019 12:41 PM
974	Necessary Maintenance	Accepted	Normal	Review non-running legacy tests to see if they are worth porting or should be removed.		10/23/2017 12:12 PM
956	Feature	Accepted	Normal	Testing of signal emission is needed		10/23/2017 12:12 PM
946	Necessary Maintenance	Accepted	Normal	Review and provide precise definitions of each signal watchpoint.		10/23/2017 12:12 PM
943	Feature	Accepted	Normal	Document in-use parameters for all framework code.		10/23/2017 12:12 PM
942	Milestone	Accepted	Normal	Design mechanism for library versioning and consistency checks		10/23/2017 12:12 PM
918	Idea	Accepted	Normal	Add architecture-specific capture of call stack at time of construction of cet::exception.		10/23/2017 12:12 PM
917	Necessary Maintenance	Accepted	Normal	Make FHICL language document pretty.		10/23/2017 12:12 PM
916	Milestone	Accepted	Normal	Make a note in the cet-is Wiki on detail namespace / header / source file subdirectory.		10/23/2017 12:12 PM
910	Necessary Maintenance	Accepted	Normal	Investigate whether Event::fillView_ should use reflex_cast (or its replacement) instead of static_cast.		10/23/2017 12:12 PM
909	Bug	Accepted	Normal	Event::getView should return false (per design) rather than throw in specified cases.		10/23/2017 12:12 PM
908	Necessary Maintenance	Accepted	Normal	Review structure, code and other aspects of cpp0x and cetlib		10/23/2017 12:12 PM
907	Necessary Maintenance	Accepted	Normal	Review and rationalize use of exceptions across art.		10/23/2017 12:12 PM
897	Necessary Maintenance	Accepted	Normal	Institute validation tests for an installed art package.		10/23/2017 12:12 PM