Issues

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
23986	3.9 GHz Cryomodule testing	Bug	New	Normal	Low Level RF Drive Power		02/02/2020 07:40 PM
16707	ACNET Service	Feature	New	Normal	Find an alternate to 'nodesd'		05/30/2017 10:53 AM
15180	ACNET Service	Feature	New	Normal	Need an easy way to kill TCP clients' connections		01/18/2017 10:39 AM
20111	AD Controls Department	Feature	Work in progress	Normal	Add clock type to event specification		06/07/2018 10:44 AM
24156	AD Controls Department	Bug	New	Normal	Bursts of State Changes		03/09/2020 04:55 PM
24152	AD Controls Department	Feature	New	Normal	Conditional Alarm States		03/09/2020 10:24 AM
24153	AD Controls Department	Idea	New	Normal	Device Scaling Transforms Audit		03/09/2020 12:30 PM
24157	AD Controls Department	Idea	New	Normal	Time Series Database		03/09/2020 04:58 PM
21837	AD ESH Department, Interlocks Group	Feature	New	Normal	Failure Transparency		02/05/2019 08:29 AM
21841	AD ESH Department, Interlocks Group	Necessary Maintenance	New	Urgent	LEPR Upgrade		02/05/2019 09:17 AM
21853	AD ESH Department, Interlocks Group	Feature	New	Normal	OPC-UA Client		02/06/2019 10:03 AM
21838	AD ESH Department, Interlocks Group	Idea	New	Normal	Remove Shared Memory Model		02/05/2019 08:34 AM
21842	AD ESH Department, Interlocks Group	Feature	New	Normal	RS-485 Protocol		02/06/2019 10:03 AM
21836	AD ESH Department, Interlocks Group	Necessary Maintenance	New	High	Scientific Linux 6 End of Life		02/05/2019 08:26 AM
21852	AD ESH Department, Interlocks Group	Feature	New	Normal	SVG to ApeMan		02/06/2019 09:55 AM
21840	AD ESH Department, Interlocks Group	Feature	New	Normal	Unified LEPR/PLC Protocol		02/05/2019 08:42 AM
21839	AD ESH Department, Interlocks Group	Support	New	Normal	XWindows Support is Fading		02/05/2019 08:37 AM
17719	adinstbpm	Milestone	New	Normal	Booster operational test of one crate alongside existing BPM system		12/29/2017 11:08 AM
20681	adinstbpm	Task	New	Normal	bpmd.conf for BBPL15		08/26/2018 02:41 PM
20682	adinstbpm	Task	New	Normal	bpmd.config for BBPL15		08/26/2018 02:41 PM
19850	adinstbpm	Milestone	New	Normal	BPM Diagnostics Application		05/02/2018 09:28 AM
20551	adinstbpm	Task	New	Normal	BPM-level delay configuration		08/07/2018 02:38 PM
20355	adinstbpm	Milestone	New	Normal	Deploy IOTA BPM hardware		08/22/2018 09:28 PM
19607	adinstbpm	Milestone	New	Normal	IOTA ACNET Interface		10/17/2018 10:57 AM
20350	adinstbpm	Milestone	New	Normal	IOTA BPM deployment		10/17/2018 10:57 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
22493	adinstbpm	Milestone	New	Normal	PIP2IT BPM Project		12/10/2019 08:00 AM
18046	adinstbpm	Task	New	Normal	Refactor bpmcli 'dump_flash_history' command to be a CLICommand		10/26/2017 04:23 PM
18047	adinstbpm	Task	New	Normal	Refactor bpmcli 'help' command to be a CLICommand		10/26/2017 04:24 PM
23334	adinstbpm	Bug	New	Normal	Review request [commit:9d6fb8c32be2b760ee703095242308551c178991: Removed commented syslog(..) calls that where replaced with TRACE.]		09/25/2019 03:06 PM
18435	adinstbpm	Milestone	New	Normal	Support for GigE ADCs		11/30/2017 09:35 AM
20665	adinstbpm	Task	New	Normal	Support multiple sets of coefficients for 2-D fits		08/22/2018 08:51 PM
22556	adinstbpm	Milestone	New	Normal	Support rack-mount server architecture		06/14/2019 02:11 PM
20666	adinstbpm	Task	New	Normal	TCLK-driven arm and TBT readout for IOTA		08/22/2018 09:33 PM
20450	adinstbpm	Bug	New	Normal	The number of samples argument to bpmcli dump does not respect multiple bunches		07/25/2018 03:47 PM
18197	adinstbpm	Bug	New	Normal	Why do soft reboots sometime hang?		11/10/2017 10:14 AM
7843	ADMIN	Support	New	Normal	Minos FY 2015 SPPM resource spreadsheet		02/12/2015 10:56 AM
10921	ADMIN	Support	New	Normal	ND DCS, DAQ, and Timing web pages all run on nusoft space		11/12/2015 01:16 PM
359	Aged Password Detector	Bug	New	Normal	Accommodate new Password_overdue view		03/15/2010 01:24 PM
22932	AI-for-Accelerators	Milestone	New	Normal	Algorithm development, part 2		07/12/2019 03:18 PM
22829	AI-for-Accelerators	Feature	New	Normal	Algorithm development, part I		06/27/2019 04:25 PM
22802	AI-for-Accelerators	Feature	New	Normal	Build a distributed training system for faster turnaround		06/21/2019 11:44 AM
22800	AI-for-Accelerators	Feature	New	Normal	Build a framework for agent deploymenrt		06/21/2019 11:43 AM
22831	AI-for-Accelerators	Task	New	Normal	Build agent for training from historical data - mimic current algorithm		06/27/2019 04:24 PM
22833	AI-for-Accelerators	Feature	New	Normal	Build a "kick-started" candidate agent		06/27/2019 04:25 PM
22799	AI-for-Accelerators	Feature	New	Normal	Build offline training system		06/21/2019 11:44 AM
22791	AI-for-Accelerators	Task	New	Normal	Create list of initial set of devices and dataloggers (ACNET)		06/20/2019 04:42 PM
22787	AI-for-Accelerators	Milestone	New	Normal	Data Products, Part 1		06/20/2019 04:44 PM
22918	AI-for-Accelerators	Feature	New	Normal	Data products, part 2		07/11/2019 01:40 PM
22935	AI-for-Accelerators	Task	New	Normal	Data products, part 3		07/12/2019 03:19 PM
22946	AI-for-Accelerators	Task	New	Normal	Demonstrate dynamic loading of weights without re-flashing the FPGA?		07/15/2019 04:21 PM
22945	AI-for-Accelerators	Task	New	Normal	Demonstrate training based on data collection with the RL agent and automated re-flashes of the FPGA		07/15/2019 04:20 PM
22944	AI-for-Accelerators	Task	New	Normal	Demonstrate training based on data collection with the RL agent using manual re-flashes of the FPGA		07/15/2019 04:20 PM
22842	AI-for-Accelerators	Task	New	Normal	Design ACNET input system for the board		06/28/2019 04:39 PM
22830	AI-for-Accelerators	Task	New	Normal	Develop research plan for safe agent behavior		06/27/2019 04:22 PM
22794	AI-for-Accelerators	Feature	New	Normal	Develop solution for querying stored data		06/20/2019 04:45 PM

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22923	AI-for-Accelerators	Task	New	Normal	Establish a safe and ORC-allowed work area with a PC for slow interface with the current control system.		07/11/2019 01:42 PM
22793	AI-for-Accelerators	Task	New	Normal	Estimate storage requirements over 1, 3, 6, 12 month timelines		06/20/2019 04:44 PM
22936	AI-for-Accelerators	Task	New	Normal	Finalize list of required devices and catalogers		07/12/2019 03:19 PM
22937	AI-for-Accelerators	Task	New	Normal	Finalize long-term storage estimates and required storage horizons		07/12/2019 03:20 PM
22790	AI-for-Accelerators	Feature	New	Normal	Full current set data readout and storage		06/20/2019 04:41 PM
22922	AI-for-Accelerators	Milestone	New	Normal	Hall work part 1		07/11/2019 01:42 PM
22942	AI-for-Accelerators	Milestone	New	Normal	Historical agent		07/15/2019 04:19 PM
22934	AI-for-Accelerators	Task	New	Normal	Implement agent based on training to the current system with historical data on a PC (board?) in the hall that can communicate with the real GMPS		07/12/2019 03:18 PM
22933	AI-for-Accelerators	Task	New	Normal	Investigate deployment to PC for "slow" inference and training		07/12/2019 03:17 PM
22801	AI-for-Accelerators	Task	New	Normal	Investigate TF-Agents, home-brew systems		06/21/2019 11:43 AM
22947	AI-for-Accelerators	Milestone	New	Normal	Project extension exploration, part 1		07/15/2019 04:22 PM
22948	AI-for-Accelerators	Milestone	New	Normal	Project finalization		07/15/2019 04:23 PM
22920	AI-for-Accelerators	Task	New	Normal	Refine list of required devices and catalogers		07/11/2019 01:39 PM
22921	AI-for-Accelerators	Task	New	Normal	Refine long-term storage estimates		07/11/2019 01:40 PM
22792	AI-for-Accelerators	Task	New	Normal	Set up long-term storage mechanism for data products		06/20/2019 04:44 PM
22839	AI-for-Accelerators	Milestone	New	Normal	Test algorithm implementation on hardware with hls4ml		06/28/2019 04:40 PM
22840	AI-for-Accelerators	Task	New	Normal	Test full workflow with boards on-hand		06/28/2019 04:38 PM
22834	AI-for-Accelerators	Task	New	Normal	Train agent, iterating on different reinforcement learning paradigms and algorithms as needed		06/27/2019 04:25 PM
22832	AI-for-Accelerators	Task	New	Normal	Train agent, iterating on different reinforcement learning paradigms and algorithms as needed		06/27/2019 04:24 PM
22943	AI-for-Accelerators	Task	New	Normal	Training mechanism validation		07/15/2019 04:20 PM
22841	AI-for-Accelerators	Task	New	Normal	Understand input bandwidth requirements		06/28/2019 04:39 PM
22844	AI-for-Accelerators	Task	New	Normal	Understand required number of ops / computations / resources (what are the metrics and how do we decide?)		06/28/2019 04:40 PM
24853	ANL Up/Down Converter Builds 2020/2021	Task	New	Normal	Quotes and carts needed for Build of ANL Up/Downconverters		10/01/2020 10:16 AM
24080	ANNIE	Necessary Maintenance	New	Normal	BNB Downtime		02/21/2020 11:05 AM
24079	ANNIE	Necessary Maintenance	New	Normal	BNB Downtime		02/21/2020 10:57 AM
11082	ANNIE1-Assembly	Task	New	Normal	Access Platform: construction and installation		04/06/2016 11:11 PM
8576	ANNIE1-Assembly	Task	New	Normal	Assembly and installation of PMT modules		04/06/2016 11:06 PM
11086	ANNIE1-Assembly	Milestone	New	Normal	Cabling of the installed tank		04/06/2016 11:08 PM

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11080	ANNIE1-Assembly	Task	New	Normal	Construction of Inner Structure		01/12/2016 02:29 AM
11084	ANNIE1-Assembly	Task	New	Normal	Construction of NCV		04/06/2016 11:07 PM
11094	ANNIE1-Assembly	Milestone	New	Normal	Cut top of tank		12/06/2015 12:08 PM
11078	ANNIE1-Assembly	Task	New	Normal	Development of PMT installation procedure		04/06/2016 11:05 PM
11097	ANNIE1-Assembly	Bug	New	Normal	Finalize crates and racks		04/06/2016 11:11 PM
11099	ANNIE1-Assembly	Task	New	Normal	Installation of Forward Veto Cabling		04/06/2016 11:07 PM
8637	ANNIE1-Assembly	Milestone	New	Normal	Installation of plastic liner		04/06/2016 11:07 PM
8631	ANNIE1-Assembly	Milestone	New	Normal	Lowering the tank in ANNIE Hall		04/06/2016 11:12 PM
11083	ANNIE1-Assembly	Milestone	New	Normal	Lower inner structure into tank at ANNIE Hall		04/06/2016 11:11 PM
11093	ANNIE1-Assembly	Task	New	Normal	Modify top of tank, add round offs		01/12/2016 02:36 PM
11085	ANNIE1-Assembly	Milestone	New	Normal	NCV shipped to FNAL		04/06/2016 11:08 PM
11090	ANNIE1-Assembly	Task	New	Normal	PMT cabling and shipping		04/06/2016 11:05 PM
11095	ANNIE1-Assembly	Task	New	Normal	Populate Crates in Hall		04/06/2016 11:06 PM
11081	ANNIE1-Assembly	Task	New	Normal	Practice lower inner structure into tank		04/06/2016 11:06 PM
11096	ANNIE1-Assembly	Milestone	New	Normal	Prelim ORC inspection		04/06/2016 11:12 PM
11089	ANNIE1-Assembly	Task	New	Normal	Set up water skid and recirculation system		01/25/2018 07:20 AM
11079	ANNIE1-Assembly	Task	New	Normal	Spot testing of PMTs		04/06/2016 11:05 PM
8577	ANNIE1-Assembly	Task	New	Normal	Water fill		01/25/2018 07:11 AM
8599	ANNIE1-Commissioning	Task	New	Normal	Begin Run1 data taking		01/25/2018 07:11 AM
11087	ANNIE1-Commissioning	Task	New	Normal	DAQ commissioning		01/25/2018 07:10 AM
8600	ANNIE1-Commissioning	Task	New	Normal	Dark commissioning of PMTs in ANNIE Hall (no water)		01/25/2018 07:10 AM
11088	ANNIE1-Commissioning	Task	New	Normal	Detector commissioning with water		01/25/2018 07:21 AM
11098	ANNIE1-Commissioning	Milestone	New	Normal	Final ORC review		01/25/2018 07:20 AM
8636	ANNIE1-Commissioning	Task	New	Normal	Installation and commissioning of NCV		01/25/2018 07:11 AM
11349	ANNIE1-electronics-design	Task	New	High	DAQ board reader TOOL		01/15/2016 08:05 AM
11345	ANNIE1-electronics-design	Task	New	Normal	DAQ Serialisation		01/05/2016 08:17 AM
8815	ANNIE1-electronics-design	Task	New	Normal	Final Decision on MRD and veto electronics		04/06/2016 11:08 PM
11348	ANNIE1-electronics-design	Task	New	Normal	Postgress setup		01/05/2016 08:22 AM
10512	ANNIE1-electronics-design	Task	New	Normal	Test final pickoff/splitter		04/06/2016 11:14 PM
8816	ANNIE1-electronics-design	Milestone	New	Normal	What is our calibration system?		01/25/2018 07:13 AM
8625	ANNIE1-MCstudies	Task	New	Normal	Full MC model with 3D PMTs to study neutron tagging efficiencies		01/25/2018 07:24 AM
8623	ANNIE1-MCstudies	Task	New	Normal	Geant-based estimate of beam neutron rates and energies		01/25/2018 07:22 AM
8628	ANNIE1-MCstudies	Bug	New	Normal	Optimization of acrylic volume		05/06/2015 09:43 AM

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8627	ANNIE1-MCstudies	Task	New	Normal	SciBooNE driven calculation of skyshine rates		06/04/2015 10:33 AM
8573	ANNIE1-mechanical-design	Task	New	Normal	Approval to purchase tank, from IA State Purchasing		05/27/2015 07:54 AM
8855	ANNIE1-mechanical-design	Milestone	New	Normal	Design of veto structure		08/05/2015 11:55 PM
8572	ANNIE1-mechanical-design	Task	New	Urgent	Fermilab approval for tank purchase		06/09/2015 02:01 AM
11076	ANNIE1-mechanical-design	Task	New	Normal	Final decision on liner specs and estimate		01/12/2016 02:33 AM
11092	ANNIE1-mechanical-design	Task	New	Normal	Finish design of PMT holders		01/22/2016 08:51 AM
8854	ANNIE1-mechanical-design	Task	New	Normal	Ship the muon veto structure		08/05/2015 11:47 PM
8853	ANNIE1-mechanical-design	Task	New	Normal	Water system shipped to FNAL for storage		12/06/2015 10:24 AM
8615	ANNIE1-MRD-design	Task	New	Normal	Arrange to get the Kansas/Syracuse PMTs and scintillator		06/05/2015 06:42 AM
8616	ANNIE1-MRD-design	Task	New	Normal	Follow up on Fermilab PMTs/Scintillator		06/09/2015 02:02 AM
8617	ANNIE1-MRD-design	Task	New	Normal	Follow up with NMSU about keeping the MRD Scintillator		12/18/2015 09:22 AM
8618	ANNIE1-MRD-design	Task	New	Normal	Sign over stewardship of the MRD steel		06/05/2015 06:39 AM
8630	ANNIE1-Planning	Meeting	New	Normal	ANNIE Run 1 Electronics Review		05/06/2015 09:47 AM
8638	ANNIE1-Planning	Milestone	New	Normal	Complete TSW for ANNIE experiment		12/16/2015 11:56 PM
8575	ANNIE1-Planning	Task	New	Normal	Contact Stephen Geer about June PAC meeting		05/21/2015 10:07 AM
8629	ANNIE1-Planning	Meeting	New	Normal	Run 1 Mechanical Review		01/22/2016 08:51 AM
11100	ANNIE1-Staging	Task	New	Normal	Cables for Forward Veto		04/06/2016 11:09 PM
11077	ANNIE1-Staging	Milestone	New	Normal	Liner: collab buy-in, place order		01/12/2016 02:32 AM
8633	ANNIE1-Staging	Task	New	Normal	MRD + veto system testing		04/06/2016 11:09 PM
8634	ANNIE1-Staging	Task	New	Normal	Order materials for PMT structure		04/06/2016 11:09 PM
11091	ANNIE1-Staging	Milestone	New	Normal	Prototype PMT holder		04/06/2016 11:10 PM
8571	ANNIE1-Staging	Milestone	New	High	Tank Manufacture		12/06/2015 11:38 AM
8856	ANNIE1-veto-installation	Milestone	New	Normal	Installation of Veto structure		12/06/2015 10:42 AM
18928	ANNIE2-Assembly	Task	New	Normal	Finish MRD Refurbishment		02/09/2018 09:06 AM
18929	ANNIE2-Assembly	Task	New	Normal	Functional test of new MRD layers		02/09/2018 09:07 AM
18930	ANNIE2-Assembly	Task	New	Normal	In situ calibration of MRD layers		02/09/2018 09:07 AM
18938	ANNIE2-electronics-design	Task	New	Normal	Design for separate ACDC voltage regulator board		02/09/2018 09:43 AM
18937	ANNIE2-electronics-design	Task	New	Normal	Design the backboard for the LAPPD with ACDC connectors		02/09/2018 09:31 AM
18934	ANNIE2-electronics-design	Milestone	New	Normal	Final crate and rack maps		02/09/2018 09:15 AM
18936	ANNIE2-electronics-design	Milestone	New	Normal	Power distribution plan		02/09/2018 09:16 AM
18935	ANNIE2-electronics-design	Milestone	New	Normal	Rack protection plan		02/09/2018 09:16 AM
17916	ANNIE2-electronics-design	Bug	New	Normal	readACDC after setConfig is all 0		10/31/2017 10:09 AM
18932	ANNIE2-electronics-readiness	Task	New	Normal	Ethernet interface for ACC		02/09/2018 09:13 AM

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18931	ANNIE2-electronics-readiness	Task	New	Normal	Finish new ACDC-ACC interface firmware		02/09/2018 09:12 AM
18933	ANNIE2-electronics-readiness	Task	New	Normal	Firmware upgrades for KOTO boards (2 different trigger schemes)		02/09/2018 09:13 AM
18572	ANNIE2-mechanical-design	Task	New	Normal	Cleanliness and handling strategy		06/12/2018 09:20 AM
18556	ANNIE2-mechanical-design	Task	New	High	Design of the new tank lid		01/25/2018 07:34 AM
18562	ANNIE2-mechanical-design	Task	New	Normal	Draft LAPPD mounting board design		06/12/2018 09:19 AM
18560	ANNIE2-mechanical-design	Task	New	Normal	Figure out how to optically isolate the inner volume		12/14/2017 01:14 PM
18571	ANNIE2-mechanical-design	Task	New	Normal	Finalize design and layout of water system		01/25/2018 07:40 AM
18567	ANNIE2-mechanical-design	Task	New	Normal	Finalize design of source calibration system		12/14/2017 01:33 PM
18566	ANNIE2-mechanical-design	Task	New	Normal	Finalize design of timing calibration system		01/25/2018 07:39 AM
18568	ANNIE2-mechanical-design	Task	New	Normal	Finalize design of transparency calibration system		12/14/2017 01:34 PM
18570	ANNIE2-mechanical-design	Task	New	Normal	Finalize experimental layout in the hall		12/14/2017 01:39 PM
18565	ANNIE2-mechanical-design	Task	New	Normal	Final layout of new LAPPD housing		06/12/2018 09:19 AM
18941	ANNIE2-mechanical-design	Milestone	New	Normal	Final Review of the Tank Lid design		02/09/2018 09:48 AM
18559	ANNIE2-mechanical-design	Bug	New	Normal	Holders and Mount Concepts for new 10" PMTs		01/25/2018 07:57 AM
18558	ANNIE2-mechanical-design	Bug	New	Normal	How to mount the LUX PMTs on the bottom		01/25/2018 07:50 AM
18557	ANNIE2-mechanical-design	Bug	New	Normal	How to mount the WATCHMAN PMTs		12/14/2017 01:09 PM
18939	ANNIE2-mechanical-design	Milestone	New	Normal	Identify new tank liner		06/13/2018 01:30 AM
18569	ANNIE2-mechanical-design	Task	New	Normal	Revise Specification Doc.		06/12/2018 09:18 AM
18564	ANNIE2-mechanical-design	Task	New	Normal	Separate voltage regulators from ACDCs to separate board		06/12/2018 09:20 AM
23351	Applications Group	Idea	New	Normal	Reimagining the Parameter Page		09/30/2019 08:27 AM
918	art	Idea	Accepted	Normal	Add architecture-specific capture of call stack at time of construction of cet::exception.		10/23/2017 12:12 PM
17056	art	Feature	Assigned	Normal	Add art command line option -fpe to turn on floating point exceptions by default.		12/03/2019 12:41 PM
11839	art	Feature	Feedback	Normal	Add respondToOpenInputFile method to ResultsProducer		03/03/2016 03:21 PM
7662	art	Feature	Feedback	Normal	Allow absolute include paths in fcls		10/23/2017 12:12 PM
22357	art	Feature	Accepted	Low	Allow a placeholder for main FHiCL configuration name in output files (RootOutput, TFileService)		04/15/2019 10:26 AM
23582	art	Feature	Under Discussion	Normal	Allow source modules to use random number engines from the RandomNumberGenerator service.		11/13/2019 08:21 AM
19011	art	Necessary Maintenance	Accepted	Normal	Analyzer for testing backwards compatibility		02/19/2018 11:26 AM
1043	art	Bug	Accepted	Normal	art::getFileFormatVersion and art::getFileFormatEra should be renamed		10/23/2017 12:12 PM
19599	art	Support	Feedback	Normal	art job influenced by random files		09/02/2020 09:11 AM
11033	art	Feature	Accepted	Normal	art module in Python		04/23/2018 10:51 AM

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19994	art	Feature	Accepted	Normal	art multi-threading phase 2		05/21/2018 10:33 AM
11035	art	Feature	Accepted	Normal	art producer module in python		12/07/2015 11:43 AM
24709	art	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
8271	art	Feature	Assigned	Normal	Better diagnostics for ProductNotFound with multiple paths		12/03/2019 12:41 PM
16249	art	Bug	Accepted	Normal	building art on minsky.fnal.gv		04/26/2017 11:34 AM
12857	art	Bug	Remission	Normal	Build-time dictionary checking has dangerous false positives		06/06/2016 11:40 AM
7580	art	Support	Feedback	Low	Can't debug with the debug builds of art and externals on Mac OSX		10/23/2017 12:12 PM
16354	art	Feature	Accepted	Normal	Check that duplicate events are not processed for an art job		05/01/2017 11:55 AM
5795	art	Feature	Feedback	Normal	code version control provenance		10/23/2017 12:12 PM
4704	art	Feature	Accepted	Normal	Command line facility to insert arbitrary configuration items.		10/23/2017 12:12 PM
17407	art	Feature	Accepted	Normal	Configuration description of module		09/17/2019 02:16 PM
24925	art	Bug	Accepted	Normal	counter-intuitive behavior of the "drop on input"		09/08/2020 12:38 PM
19306	art	Feature	Accepted	Normal	create Ptr to product		03/12/2018 11:47 AM
1144	art	Milestone	Accepted	Normal	Defining categories for the error logger		10/23/2017 12:12 PM
942	art	Milestone	Accepted	Normal	Design mechanism for library versioning and consistency checks		10/23/2017 12:12 PM
17084	art	Necessary Maintenance	Accepted	Low	Documentation of messagefacility on Redmine wiki is very outdated		07/05/2017 11:56 AM
943	art	Feature	Accepted	Normal	Document in-use parameters for all framework code.		10/23/2017 12:12 PM
1026	art	Necessary Maintenance	Accepted	Normal	Duplicated code for branch name element verification		10/23/2017 12:12 PM
21412	art	Feature	Accepted	Normal	Enable product-mixing to read from multiple secondary input files per primary event		11/20/2018 01:57 PM
909	art	Bug	Accepted	Normal	Event::getView should return false (per design) rather than throw in specified cases.		10/23/2017 12:12 PM
23925	art	Feature	Under Discussion	Normal	Event resampling support		02/03/2020 10:27 AM
18628	art	Feature	Feedback	Normal	expand Results concept		01/25/2018 09:30 AM
16342	art	Feature	Accepted	Normal	Facility to convert fhicl::ParameterSets from art/ROOT file to Python dictionary		05/01/2017 11:51 AM
7526	art	Bug	Feedback	Normal	Follow up on Parameter Set bloat		10/23/2017 12:12 PM
8771	art	Feature	Accepted	Normal	Implement parameter set configuration printout - task 3b of issue #7538		06/01/2015 11:24 AM
4916	art	Feature	Feedback	Normal	Implement SelectRuns and SelectSubRuns		10/23/2017 12:12 PM
19012	art	Necessary Maintenance	Accepted	Normal	Implement testing procedure for ensuring backwards compatibility		02/19/2018 11:26 AM

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19013	art	Necessary Maintenance	Accepted	Normal	Implement tests for ensuring backwards compatibility		02/19/2018 11:26 AM
10833	art	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
20772	art	Feature	Under Discussion	Normal	Inherit Configuration from Provenance		09/08/2018 04:55 PM
897	art	Necessary Maintenance	Accepted	Normal	Institute validation tests for an installed art package.		10/23/2017 12:12 PM
15382	art	Feature	Accepted	Normal	Introduce thread-pause signaling for debugging		05/18/2018 03:08 PM
910	art	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
19846	art	Support	Work in progress	Normal	Issues with events coming from different art histories in artdaq		05/14/2018 10:21 AM
5790	art	Feature	Feedback	Normal	It should be possible to discover the art metadata for an object.		10/23/2017 12:12 PM
10750	art	Feature	Feedback	Normal	lazy loading of the parameter set database		08/29/2016 04:21 PM
8845	art	Feature	Accepted	Normal	Limited support for analyzers in Python		10/23/2017 12:12 PM
916	art	Milestone	Accepted	Normal	Make a note in the cet-is Wiki on detail namespace / header / source file subdirectory.		10/23/2017 12:12 PM
15393	art	Feature	Accepted	Normal	Make available the CMS static analysis tools		02/06/2017 11:19 AM
15394	art	Feature	Accepted	Normal	Make cetbuiltools run the static analysis tools		02/06/2017 11:19 AM
917	art	Necessary Maintenance	Accepted	Normal	Make FHICL language document pretty.		10/23/2017 12:12 PM
13675	art	Bug	Accepted	Normal	messagefacility sqlite plugin test sporadic failure on OSX		08/29/2016 11:35 AM
3571	art	Bug	Accepted	Low	Message logger configuration		10/23/2017 12:12 PM
3629	art	Feature	Accepted	Normal	Metadata retained for pure transient data products?		10/23/2017 12:12 PM
9822	art	Bug	Accepted	Normal	Misleading diagnostics by art framework		08/17/2015 12:11 PM
21964	art	Bug	Accepted	Normal	Misleading output in case of exceptions		02/25/2019 10:25 AM
11036	art	Feature	Accepted	Normal	multidimensional array support in NTuple product		12/07/2015 11:43 AM
9999	art	Feature	Accepted	Normal	objects and associated metadata in a single vecctor of pairs		09/08/2015 03:50 PM
6679	art	Necessary Maintenance	Accepted	Normal	ParameterSetRegistry DBs should have primary key as blob rather than armored hex.		10/23/2017 12:12 PM
6681	art	Necessary Maintenance	Accepted	Normal	ParameterSetRegistry should use a tailored hash function		10/23/2017 12:12 PM
1759	art	Feature	Accepted	Normal	Periodic refreshing of histogram files		10/23/2017 12:12 PM
18942	art	Idea	Feedback	Low	Possible way around SIP and allowing use of DYLD_LIBRARY_PATH on macOS?		05/21/2018 05:41 AM
1075	art	Milestone	Accepted	Normal	Post on the tutorial web site some documentation for FileDumper		10/23/2017 12:12 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
19010	art	Necessary Maintenance	Accepted	Normal	Producer for testing backwards compatibility		02/19/2018 11:26 AM
15785	art	Feature	Accepted	Low	Provide hints for "obvious" typo's in FHiCL parameter names		03/13/2017 11:37 AM
4907	art	Feature	Feedback	Normal	Provide Run::isRealData() and SubRun::isRealData()		10/23/2017 12:12 PM
6387	art	Feature	Feedback	Normal	Provide versioning API in art_Framework_Core instead of art_Version		10/23/2017 12:12 PM
3068	art	Feature	Accepted	Normal	PtrVectorBase custom streamer could be made more efficient.		10/23/2017 12:12 PM
15388	art	Feature	Accepted	Normal	Put context information into exceptions in the places where framework code intercepts them		05/18/2018 02:58 PM
15387	art	Feature	Accepted	Normal	Put context information into messagefacility messages		05/18/2018 02:57 PM
4187	art	Feature	Accepted	Normal	Reading in metadata from input files		10/23/2017 12:12 PM
1246	art	Feature	Accepted	Normal	Reco on demand not finding products in the file		10/23/2017 12:12 PM
16706	art	Feature	Accepted	Normal	Request additional output from EventIDFilter		12/03/2019 12:41 PM
13050	art	Feature	Accepted	Normal	Request a new variant of T* TFileDirectory::makeAndRegister<T>		06/27/2016 12:17 PM
10410	art	Feature	Feedback	Low	Request option for first-match-in-LD_LIBRARY_PATH for resolving art plugins		10/19/2015 12:53 PM
22225	art	Feature	Under Discussion	Normal	Request to add a file index offset to PostCloseFileRenamer		05/17/2019 11:45 AM
2943	art	Feature	Feedback	Normal	ResourceWatch utility		10/23/2017 12:12 PM
1091	art	Milestone	Accepted	Normal	Review all signal emission in the light of sentry considerations and exception safety.		10/23/2017 12:12 PM
946	art	Necessary Maintenance	Accepted	Normal	Review and provide precise definitions of each signal watchpoint.		10/23/2017 12:12 PM
907	art	Necessary Maintenance	Accepted	Normal	Review and rationalize use of exceptions across art.		10/23/2017 12:12 PM
974	art	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
908	art	Necessary Maintenance	Accepted	Normal	Review structure, code and other aspects of cpp0x and cetlib		10/23/2017 12:12 PM
1000	art	Feature	Assigned	Normal	Run/event range		12/03/2019 12:41 PM
7081	art	Feature	Assigned	Normal	SAM Process ID in metadata		12/03/2019 12:41 PM
7177	art	Feature	Accepted	Low	service and module testing utilities		10/23/2017 12:12 PM
4459	art	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
1316	art	Feature	Feedback	Normal	Snapshot histogram file		10/23/2017 12:12 PM
13274	art	Bug	Accepted	Normal	Some dead links in art wiki: ROOT schema evolution		07/18/2016 11:24 AM
11156	art	Feature	Accepted	Low	Suggestions to update the fhicl documentation		12/21/2015 11:21 AM
5775	art	Feature	Feedback	Normal	Support for arbitrary, random-file access		10/23/2017 12:12 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
8846	art	Feature	Accepted	Normal	Support for handling branch aliases		04/23/2018 10:51 AM
15618	art	Idea	Accepted	Normal	Support for reading secondary input files in a special scenario		03/13/2017 02:15 PM
15894	art	Feature	Under Discussion	Normal	Support RangeSet calculation and use per-schedule and across schedules		05/18/2018 02:55 PM
15169	art	Idea	Accepted	Normal	Support splitting data products by schema evolution		01/23/2017 11:20 AM
17098	art	Feature	Assigned	Low	Support the retrieval of a data product from a product ID in gallery::Event		12/03/2019 12:41 PM
8178	art	Necessary Maintenance	Accepted	Low	Testing of drop on input needs improvement		10/23/2017 12:12 PM
956	art	Feature	Accepted	Normal	Testing of signal emission is needed		10/23/2017 12:12 PM
1918	art	Feature	Accepted	Normal	Thinking ahead to event mixing and art::Ptr to run product		10/23/2017 12:12 PM
18305	art	Bug	Remission	Normal	TimeTracker database output option sometimes causes exception		12/06/2017 10:00 AM
11026	art	Feature	Accepted	Normal	Tuple product support		04/23/2018 10:51 AM
8426	art	Feature	Accepted	Normal	Understand gradual memory growth and determine if it can be mitigated		04/27/2015 11:46 AM
11634	art	Bug	Remission	Normal	Unexpected message from ROOT		02/08/2016 11:21 AM
1197	art	Necessary Maintenance	Accepted	Normal	Unit / regression tests for RootInput random access.		10/23/2017 12:12 PM
16126	art	Feature	Accepted	Normal	Update Allinea Wiki Page With More Useful Documentation		12/03/2019 12:41 PM
18973	art	Feature	Accepted	Normal	Update cetskelgen to use fhicl validation		02/12/2018 12:22 PM
13610	art	Feature	Assigned	Normal	Update schema evolution wiki page		12/03/2019 12:41 PM
7029	art	Feature	Accepted	Normal	Use one consistent unit test framework for Art		10/23/2017 12:12 PM
4075	art	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
22531	artdaq	Feature	Assigned	Normal	Add destination parameter to DSM::sendFragment		05/30/2019 02:49 PM
6996	artdaq	Feature	New	Normal	Add documentation for basic operation and common errors for SQA		01/13/2017 04:02 PM
3186	artdaq	Feature	Resolved	Normal	Add fragment ID checking to some combination of RawEvent, EventStore, and builder.cc.		01/21/2021 02:22 PM
7586	artdaq	Feature	New	Normal	Add functionality and tools to artdaq for diagnosing and debugging DAQ hardware and firmware		01/27/2018 12:31 PM
20482	artdaq	Idea	New	Normal	Add support for "#includes" before PROLOGs in the db layer.		07/30/2018 12:51 PM
20481	artdaq	Idea	New	Normal	Add the "--print-description" option to DAQ processes.		07/30/2018 12:42 PM
22145	artdaq	Idea	New	Normal	Allow experiments to put certain Fragments on separate ROOT Branches		03/15/2019 10:02 AM
23776	artdaq	Idea	New	Normal	Allow users more control of MetricPlugin behavior		12/18/2019 08:45 AM
20983	artdaq	Feature	New	Normal	Annotate artdaq database with doxygen tags.		09/28/2018 05:15 PM
23764	artdaq	Support	New	Normal	artdaq boot sequence takes significant time for ICARUS daq		12/19/2019 03:10 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
20431	artdaq	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
21164	artdaq	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
20607	artdaq	Support	Work in progress	Low	Assist in the setup of the DUNE cold electronics teststand at PAB		10/09/2018 01:21 PM
20344	artdaq	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	artdaq	Support	New	Normal	Audit all messages produced by artdaq during normal running		11/05/2019 09:09 AM
20335	artdaq	Bug	New	Normal	BoardReader intermittent crash at endrun		07/18/2018 08:29 AM
21738	artdaq	Support	Resolved	Normal	BoardReader memory usage increases with using circular_buffer_mode_example and nADCcounts of 200		11/30/2020 12:38 PM
25109	artdaq	Bug	New	Normal	bug/feature - canvas mf::LogDebug message in msgviewer		10/22/2020 09:21 PM
20424	artdaq	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
20463	artdaq	Feature	Work in progress	Normal	Check with our art collegues on the progress toward an improved FHiCL parser		08/06/2018 09:37 AM
20451	artdaq	Feature	Resolved	Normal	Clean up the specification of max fragment and event sizes		10/09/2018 01:29 PM
20456	artdaq	Idea	New	Normal	Collaborate with UK folks on an in-memory database for status monitoring and possibly routing		07/26/2018 11:55 AM
22925	artdaq	Feature	New	Normal	configure separate stdout/err (console) log files		11/05/2019 11:49 AM
11693	artdaq	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
20500	artdaq	Feature	Resolved	High	Create and test a candidate release targeted for use at protoDUNE		08/17/2018 02:15 PM
21165	artdaq	Idea	New	Normal	Create a Null_generator CommandableFragmentGenerator		10/16/2018 11:33 AM
20509	artdaq	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
20392	artdaq	Feature	New	Normal	Create a simple hex-dump tool (art module) for artdaq		07/23/2018 07:47 AM
20388	artdaq	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
23782	artdaq	Idea	New	Normal	Create plugin type for CommandableFragmentGenerator request modes		12/19/2019 09:27 AM
20425	artdaq	Support	Resolved	High	Create UPS produce for jsoncpp		07/24/2018 12:47 PM
20426	artdaq	Support	Work in progress	Normal	Daily call with Giovanna and Karol		08/01/2018 09:39 AM
22095	artdaq	Bug	New	Normal	DAQInterface "direct" mode leaves stale processes		03/13/2019 02:24 PM
20641	artdaq	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
20476	artdaq	Idea	New	Normal	Develop a plan for incorporating Inhibit Master functionality into artdaq		07/30/2018 09:19 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
6992	artdaq	Feature	New	Normal	Develop test procedures and documents for SQA		03/21/2019 11:43 AM
20457	artdaq	Support	New	Normal	Discuss/confirm the order of transition commands to be sent to artdaq processes		07/26/2018 10:25 AM
20347	artdaq	Bug	New	Low	Dispatcher connection issues can prevent data from flowing in upstream parts of the system		07/23/2018 09:19 PM
20519	artdaq	Bug	New	Normal	Dispatcher shared memory segments left after terminate		08/03/2018 08:42 AM
6995	artdaq	Feature	New	Normal	Document development procedures for SQA		01/13/2017 04:02 PM
23778	artdaq	Idea	New	Normal	Dynamic reconfiguration of EventBuilder sources		12/18/2019 10:52 AM
20334	artdaq	Bug	Resolved	Normal	EB crash at protoDUNE		07/26/2018 11:17 AM
20513	artdaq	Bug	New	Normal	EB crash at protoDUNE in run 3032		08/02/2018 08:15 AM
20342	artdaq	Feature	Resolved	High	enable trigger inhibiting at protoDUNE		07/24/2018 12:46 PM
20398	artdaq	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
20442	artdaq	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
20645	artdaq	Bug	New	Normal	EventBuilder crash pdune_Aug20A		08/20/2018 12:54 PM
20404	artdaq	Bug	New	Low	EventBuilders stop dataflow when there is a configured rootNetOutput module, but no Dispatcher running		07/23/2018 04:14 PM
20363	artdaq	Bug	New	Normal	EventRate and EventSize metrics don't update in EB/DL when dataflow stops		07/19/2018 03:18 AM
20480	artdaq	Support	New	Normal	Exception when trying to stop the program: transition invoked while in transition		07/30/2018 12:28 PM
20346	artdaq	Bug	New	Low	Failed to connect to shared memory segment with key 0xcee70001		08/01/2018 02:22 PM
22595	artdaq	Idea	New	Normal	Filesystem transfer plugin		06/04/2019 08:41 AM
20510	artdaq	Feature	New	Low	fragment overruns		08/01/2018 04:05 PM
20627	artdaq	Feature	New	Low	Generic implementation of interrupt/timeout functionality		08/16/2018 02:30 PM
23837	artdaq	Idea	New	Normal	Handle full disk in output modules		01/07/2020 01:29 PM
20420	artdaq	Feature	Resolved	Normal	Help implement 4-digit zero padding of the file index number in the raw data filenames at protoDUNE		07/26/2018 10:58 AM
20361	artdaq	Support	New	Low	Help investigate FELIX BoardReader metric reporting		07/19/2018 02:29 AM
20479	artdaq	Bug	Remission	Normal	High CPU usage in Boardreaders during the stop transition.		08/17/2018 02:22 PM
5984	artdaq	Feature	New	Normal	Implement the "report" functionality infrastructure		01/13/2017 04:35 PM
23995	artdaq	Support	New	Normal	Improve back-pressure reporting		02/04/2020 07:40 AM
20632	artdaq	Feature	New	Normal	Improve the error reporting from conftool.py		08/17/2018 11:42 AM
20421	artdaq	Feature	Work in progress	Normal	Improve the organization of the Run Configurations at protoDUNE		08/01/2018 09:26 AM
20338	artdaq	Feature	New	Normal	Improve the speed of the configuration step		07/24/2018 09:47 AM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
25262	artdaq	Idea	New	Normal	Include links to detailed information in MessageFacility Messages		11/30/2020 01:57 PM
5971	artdaq	Support	New	Normal	Incorporate control of the Linux system fsync calls into the system		01/13/2017 04:40 PM
5999	artdaq	Idea	New	Normal	Investigate the possibility of running compression, etc. in a BoardReader		01/13/2017 04:15 PM
20419	artdaq	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
6463	artdaq	Feature	New	Normal	Investigate whether FragmentGenerator state change methods should return a status code		01/13/2017 04:13 PM
20329	artdaq	Bug	Resolved	Normal	Issue du jour #1 at protoDUNE, 17-Jul-2018: including the dispatcher prevents data from flowing		07/18/2018 11:56 AM
20330	artdaq	Bug	Resolved	High	Issue du jour #2 at protoDUNE, 17-Jul-2018: the DAQ system only supports 0.7 Hz		08/17/2018 02:14 PM
20331	artdaq	Bug	Resolved	Normal	Issue du jour #3 at protoDUNE, 17-Jul-2018: we can't run EBs and DLs on separate computers		07/18/2018 11:51 AM
20332	artdaq	Bug	Remission	Normal	Issue du jour #4 at protoDUNE, 17-Jul-2018: EB crashing at start of triggers		07/23/2018 03:45 PM
21178	artdaq	Idea	New	Normal	Limit DataLoggers to one art process		10/25/2018 12:22 PM
20443	artdaq	Idea	New	Normal	Look for redesign opportunities to remove timeouts and provide more reliable behavior		07/25/2018 02:10 PM
24375	artdaq	Idea	New	Normal	Look into possible performance improvements due to using byte as the basic Fragment data type		05/19/2020 04:43 PM
20444	artdaq	Idea	New	Normal	Look into redesign possibilities to avoid coupling behavior to the presence of data		07/25/2018 02:12 PM
21233	artdaq	Feature	New	Low	make SharedMemoryManager more maintainable by combining sem and sem_id to a single atomic		10/25/2018 02:10 PM
20383	artdaq	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
20366	artdaq	Bug	New	Low	Notes from protoDUNE Slack channel, 19-Jul-2018		07/23/2018 09:16 PM
23036	artdaq	Support	New	Normal	Observations from attempting to install and run the artdaq_demo v3_6_0		08/01/2019 11:18 AM
24072	artdaq	Bug	New	Normal	Occasional issue running ascii_simulator_example for multiple runs on multiple mu2edaq machines		02/20/2020 11:06 AM
24249	artdaq	Bug	New	Normal	Online Monitor art processes disconnect after first subrun in subrun_example		03/30/2020 01:16 PM
20348	artdaq	Bug	Work in progress	Low	OnlineMonitoring reports timeouts while reading events from Dispatcher.		07/23/2018 03:58 PM
21107	artdaq	Bug	Resolved	Normal	On protoDUNE cluster, BuildInfo saves build dates in Italian		10/25/2018 03:56 PM
20395	artdaq	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
22736	artdaq	Idea	New	Normal	Process a run_records directory and generate a graphical representation of the configuration		06/20/2019 10:52 AM
21116	artdaq	Idea	New	Low	Process for managing Online Monitors		10/11/2018 02:10 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
5987	artdaq	Feature	New	Normal	Provide a way to determine the allowed transitions from the state machine dynamically		01/13/2017 04:33 PM
20396	artdaq	Support	New	High	Provide support for protoDUNE DAQ		07/23/2018 08:10 AM
25093	artdaq	Bug	New	Normal	Raise Visibility of tcp_receive_buffer_size parameter		10/19/2020 01:27 PM
20393	artdaq	Idea	New	Normal	Redesign the use of sequence IDs so that counter_inc() actually increments something		07/23/2018 07:50 AM
20446	artdaq	Idea	New	Normal	Re-examine the handling of subrun rollover messages and subrun pieces in art		07/25/2018 02:31 PM
5989	artdaq	Idea	New	Normal	Remote monitoring and control recommendations		01/13/2017 04:32 PM
11536	artdaq	Idea	New	Normal	Remove rt_priority from BinaryMPIOutput_module?		01/13/2017 03:52 PM
17878	artdaq	Support	New	Normal	request packaging of EPICS BASE, EPICS CSS, and NetSNMP		10/11/2017 12:28 PM
22116	artdaq	Bug	Reviewed	Normal	revisit 17393 - changes made to artdaq/ArtModules/RootDAQOutput/RootDAQOut_module.cc		03/13/2019 12:36 PM
20423	artdaq	Support	Work in progress	High	Revisit the model for supporting developer software areas at protoDUNE		08/01/2018 02:19 PM
20633	artdaq	Feature	New	Normal	rgang trace tools		08/17/2018 02:16 PM
20764	artdaq	Idea	New	Low	RoutingMaster learns data rate and adjusts accordingly		09/06/2018 02:20 PM
21206	artdaq	Idea	New	Normal	RoutingMaster should always send up-to-date updates		10/22/2018 01:47 PM
20328	artdaq	Bug	Remission	Normal	Routing Master takes a long time (forever?) to Stop (end-run)		08/06/2018 02:02 PM
22535	artdaq	Feature	New	Normal	RoutingNetOutput plugin: A version of BinaryNetOutput that receives Routing Tokens		06/26/2019 03:58 PM
20386	artdaq	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
20965	artdaq	Bug	New	Normal	run_demo.sh		09/27/2018 11:33 AM
20969	artdaq	Bug	New	Normal	run_demo.sh defaults to partition 0 in quick-mrb-start.sh		09/27/2018 02:18 PM
20385	artdaq	Bug	New	Low	run_demo.sh gets inconsistent results for the DAQInterface port when someone else is running the demo on mu2edaq01		07/23/2018 09:11 PM
21969	artdaq	Bug	New	Normal	run_demo.sh partitioning issue again		02/23/2019 01:32 PM
20340	artdaq	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	artdaq	Support	New	High	SBND Vertical Slice test		07/18/2018 11:45 AM
20373	artdaq	Bug	New	Normal	SBND VST - subrun change from fragment generator not working		07/23/2018 03:34 PM
24566	artdaq	Feature	Resolved	Normal	SharedMemory Output for art process		06/26/2020 11:22 AM
20345	artdaq	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
20387	artdaq	Bug	New	Low	Something set all of my requested trace levels to zero		07/25/2018 04:12 PM

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated
20569	artdaq	Feature	Work in progress	Low	Status monitoring display		01/30/2019 02:25 PM
20458	artdaq	Support	New	Normal	Summary of EventBuilder crashes at protoDUNE July 23-26		07/26/2018 11:40 AM
22529	artdaq	Idea	New	Normal	Support the (proto)DUNE DFO Model in artdaq		07/25/2019 10:23 AM
20294	artdaq	Idea	New	Low	Sync message in TCPSocketTransfer		07/23/2018 02:48 PM
20406	artdaq	Support	Resolved	Normal	System behaving unexpectedly when there are no triggers		07/23/2018 12:23 PM
5980	artdaq	Bug	New	Normal	The Aggregator runs slower when event grouping is enabled		01/13/2017 04:37 PM
23050	artdaq	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
6793	artdaq	Idea	New	Normal	Think about ways to read data from front-ends and discard it between runs		01/13/2017 04:04 PM
20455	artdaq	Idea	New	Normal	Think about ways to support different configuration formats which still maintaining traceability and archiving		07/26/2018 10:17 AM
20445	artdaq	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
15791	artdaq	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
25359	artdaq	Bug	New	Normal	TRACE_STREAMER used instead of TLOG		01/03/2021 07:44 PM
20546	artdaq	Bug	New	Low	transfer_driver_shmem_multi_t doesn't test non-reliable mode		08/06/2018 03:10 PM
20562	artdaq	Bug	Resolved	Normal	transfer_driver tests fail in pdune_ron_Aug01		08/08/2018 03:31 PM
22569	artdaq	Feature	Resolved	Normal	Update RequestReciever's interface		05/31/2019 09:58 AM
24418	artdaq	Feature	New	Normal	Use ExceptionHandler in xmlrpc_commander		05/14/2020 01:14 PM
24439	artdaq	Support	New	Normal	Use new[] with align parameter in QuickVec to silence Valgrind error in ROOT		05/19/2020 04:42 PM
20433	artdaq	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
20341	artdaq	Feature	Resolved	High	write data files directly from event builders		07/24/2018 12:45 PM
20367	artdaq	Bug	New	Low	zero length core file on terminate		07/19/2018 11:03 AM
20966	artdaq Demo	Bug	Resolved	Normal	~/.setup_fhiclcpp potential/actual problem		09/28/2018 04:03 PM
22446	ArtDaq RunControl GUI	Feature	New	Normal	Add various health checks		04/24/2019 03:33 PM
22558	ArtDaq RunControl GUI	Feature	New	Low	Open log file for running/crash/selected process		05/08/2019 04:59 PM
25316	ArtDaq RunControl GUI	Milestone	Resolved	Normal	v1_02_00		01/08/2021 10:27 AM
25185	artdaq Utilities	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
21328	artdaq Utilities	Feature	Resolved	Normal	A set of subconfigurations which realistically model an experiment should be added to simple_test_config		11/21/2018 12:06 PM
22534	artdaq Utilities	Feature	New	Normal	Bookkeeping changes for allowing multiple request domains within a subsystem		05/23/2019 12:50 PM

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21225	artdaq Utilities	Support	New	Normal	boot.txt files in simple_test_configs should be immediately usable		10/29/2018 05:10 PM
15356	artdaq Utilities	Bug	Resolved	Normal	daqinterface fails to boot the system when there are no boardreader log files		02/10/2017 01:06 PM
22980	artdaq Utilities	Bug	Reviewed	Normal	daqinterface scripts should be able to tell if their environment hasn't been setup properly		07/25/2019 04:14 PM
23068	artdaq Utilities	Bug	Reviewed	Normal	DAQInterface should support multiple products areas in its settings file		08/07/2019 11:17 AM
23168	artdaq Utilities	Bug	Reviewed	Normal	exception thrown when attempting to save the run record		08/26/2019 03:23 PM
21055	artdaq Utilities	Idea	New	Low	Fragment Generator for EPICS Data		10/08/2018 03:27 PM
16635	artdaq Utilities	Feature	Resolved	Normal	Have the DAQInterface configuration file support arbitrary numbers of data loggers and dispatchers.		05/23/2017 02:23 PM
15357	artdaq Utilities	Bug	Resolved	Normal	It might be helpful for daqinterface to use separate run_record_attempted directories per user		02/10/2017 01:05 PM
21239	artdaq Utilities	Bug	New	Normal	PMT Host != localhost fails to boot		01/18/2019 01:55 PM
23431	artdaq Utilities	Bug	Reviewed	Normal	Possible issue with private-network bookkeeping (DAQInterface) on the protoDUNE DAQ cluster		10/21/2019 03:12 PM
5976	artdaq Utilities	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
23639	artdaq Utilities	Idea	New	Normal	Support for non-scalar metric reporting		11/20/2019 09:23 AM
22255	artdaq Utilities	Feature	Reviewed	Normal	The use of a RoutingMaster in an artdaq system with subsystems seems to need special handling for the BinaryNetOutput(s)		05/09/2019 02:46 PM
25320	artdaq Utilities	Bug	Reviewed	Normal	When a critical artdaq process dies AND the trace script returns nonzero, DAQInterface hangs		01/15/2021 03:11 PM
23260	artdaq Utilities	Bug	Reviewed	Normal	When creating boot.fcl, DAQInterface should be able to handle default process values		09/18/2019 02:42 PM
3078	artg4	Bug	New	Normal	artg4::MaterialService::newVacuum()		10/29/2012 10:20 PM
6331	artg4tk	Feature	New	Normal	create benchmark for Mu2e pion production		05/22/2014 04:52 PM
23741	art_root_io	Feature	Accepted	Normal	Improvements and clarifications for using XRootD		12/09/2019 03:58 PM
23167	art_root_io	Bug	Feedback	Normal	match art/root behavior to dCache		12/09/2019 03:51 PM
23689	art_root_io	Feature	Under Discussion	Normal	Opening xrootd files		12/09/2019 03:52 PM
25363	art_root_io	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
17889	BATCH	Support	New	Normal	Commit rsync scripts to CVS (contrib/CVMFS) including setup_minossoft_FNALU_parser_CVMFS.sh		10/12/2017 01:28 PM
8024	BATCH	Support	New	Normal	Propagating Andy's fix to the FD Cosmic processing scripts		03/05/2015 03:14 PM
8025	BATCH	Support	New	Normal	Reconstruction of MINOS+ RHC Monte Carlo set using Elm5 reconstruction.		03/05/2015 03:50 PM
24304	BOE and RLS	Task	New	Normal	Master BOE		04/30/2020 03:17 PM

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10283	BooNE-BackTrack	Feature	New	Normal	/boone/physics/pBeInelasticXSecUser only used when the DEC04 X-section data set used.		09/24/2015 01:52 PM
10252	BooNE-BackTrack	Bug	New	Normal	Inelastic cross section for proton on STEEL are zero.		09/24/2015 03:11 PM
10251	BooNE-BackTrack	Bug	Resolved	Normal	Initialization of Skin depth parameters.		09/22/2015 02:25 PM
15827	Boss-O-Schedule	Bug	New	Normal	Accidently hitting save more than once on operator database edit dialog duplicates entries		03/10/2017 11:12 AM
4889	Boss-O-Schedule	Bug	Assigned	High	Offsite web login doesn't work.		02/24/2014 10:14 AM
4804	Boss-O-Schedule	Bug	New	High	Onsite web login doesn't work.		10/18/2013 01:56 AM
188	Budget Input	Bug	New	Normal	Add field to maintain Approved action timestamp		09/08/2010 02:59 PM
1926	Budget Input	Bug	Resolved	Normal	Allow to approve activities with same name when status is uploaded		08/20/2012 11:39 AM
189	Budget Input	Bug	New	Low	Do not update SaveDate timestamp when no values have been changed in line item		03/03/2010 12:13 PM
418	Budget Input	Bug	Resolved	Normal	Oracle Staging Table fro Activities defined in 2 places		08/20/2012 01:04 PM
296	Budget Input	Feature	Remission	Normal	Properly handle FIN plan adjustments on all FTE reports.		02/22/2010 08:24 AM
176	Budget Input	Feature	Remission	Normal	Redesign Activity tables using hierarchical instead of flat schema		03/03/2010 10:56 AM
183	Budget Input	Feature	Remission	Normal	Reports should show requested and approved budget		09/08/2010 03:02 PM
20155	CAMAC	Milestone	Assigned	Normal	Convert CAMAC VME to ECAFE		06/12/2018 02:08 PM
17968	Camera	Support	New	High	Fix building prosilica driver		10/19/2017 10:30 AM
17967	Camera	Bug	New	High	Prosilica task seg-faults		10/19/2017 10:34 AM
25414	CCQENu Management	Feature	New	Normal	grid implementation		01/19/2021 11:01 AM
25370	CCQENu Management	Feature	New	Normal	Implement ResponseSystematics		01/06/2021 02:24 PM
25369	CCQENu Management	Bug	New	Normal	Make certain we implement all weights -> shoudl this go to MinervaUniverse?		01/16/2021 08:08 PM
25371	CCQENu Management	Feature	New	Normal	Make cuts configurable in json like variables and systematics are		01/06/2021 02:26 PM
25411	CCQENu Management	Feature	New	Normal	Make naming convention consistent with CCQENu		01/19/2021 10:40 AM
25387	CCQENu Management	Feature	New	Normal	Reimplement Stacked histogram		01/12/2021 10:14 AM
25412	CCQENu Management	Feature	New	Normal	Son of HistFolio		01/19/2021 10:44 AM
1628	CEDPS-glideinWMS	Bug	New	Normal	Incorporate feedback on closing document		11/18/2011 02:27 PM
6876	cetbuildtools	Feature	Accepted	Normal	Need more flexible version / qualifier specification facilities for product_deps		09/08/2014 12:02 PM
10549	cetbuildtools	Feature	Accepted	Normal	non-qualified products		11/02/2015 11:34 AM
6675	cetbuildtools	Feature	Accepted	Low	only_for_build to honor qualifier matrix entries if present?		07/28/2014 01:36 PM
22175	cetbuildtools	Idea	Feedback	Normal	Optionally? use SYSTEM option for include_directories in FindUpsPackage.cmake		04/08/2019 10:52 AM
11707	cetbuildtools	Idea	Accepted	Normal	Set values derived from product_deps in a ".cmake" file		02/15/2016 11:45 AM
6867	cetbuildtools	Feature	Accepted	Low	Use should be able to specify a "custom" compiler set in product_deps		09/08/2014 12:01 PM

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10598	cetbuildtools	Feature	Accepted	Normal	use the native compiler with cetbuildtools		11/02/2015 12:02 PM
19135	cet-is	Feature	Feedback	Normal	Add "important info" category to messagefacility		03/05/2018 11:32 AM
24919	cet-is	Feature	Under Discussion	Normal	add in the RootOutput module a print statement for listing the names and the trigger bits of the paths specified in the SelecEvents field		09/14/2020 10:23 AM
17057	cet-is	Feature	Accepted	Normal	Add the configurable ability to enable ROOT's implicit multi-threading to art.		07/05/2017 11:49 AM
15677	cet-is	Necessary Maintenance	Accepted	Normal	All sentries need to behave properly when an exception is thrown within the sentry's destructor		03/26/2018 08:49 AM
15940	cet-is	Necessary Maintenance	Accepted	Normal	Armor all sourced scripts against unusual user-set shell options		03/27/2017 11:23 AM
17580	cet-is	Necessary Maintenance	Accepted	Normal	Boost 1.65 with information from homebrew recipe for OS X and fix to source structure		08/28/2017 11:37 AM
20235	cet-is	Feature	Under Discussion	Normal	c2 build for tensorflow v1_3_0c		07/02/2018 10:27 AM
9604	cet-is	Feature	Accepted	Normal	cetskelgen should be extended to deal with modified constructors for FHiCL validation.		10/23/2017 12:23 PM
21830	cet-is	Feature	Accepted	Normal	check SIP on Darwin		03/11/2019 11:45 AM
18146	cet-is	Feature	Accepted	Low	Control over "isRealData" during Data-MC Mixing		11/13/2017 11:37 AM
7335	cet-is	Feature	Feedback	Normal	Extended Python packages		03/13/2015 09:42 AM
20653	cet-is	Support	Feedback	Normal	git-svn install with dependence on Perl's svn library		11/07/2018 09:59 AM
8171	cet-is	Feature	Accepted	Normal	Improve the messages for cet::exception		10/23/2017 12:23 PM
16302	cet-is	Bug	Accepted	Normal	lardata tests fail on minsky.fnal.gov		05/03/2017 11:20 AM
16310	cet-is	Bug	Accepted	Normal	lareventdisplay build fails on minsky		04/26/2017 11:34 AM
11788	cet-is	Necessary Maintenance	Accepted	Normal	lxr		02/22/2016 12:14 PM
7178	cet-is	Necessary Maintenance	Feedback	Normal	message service verbosity		10/20/2014 01:17 PM
24392	cet-is	Support	Work in progress	Normal	Mismatched free() / delete / delete [] in removeCachedProduct()?		05/26/2020 01:08 PM
22052	cet-is	Bug	Accepted	Normal	PKG_CONFIG_PATH needs to be corrected in UPS table files that set it		03/11/2019 03:36 PM
16260	cet-is	Bug	Accepted	Normal	problem building TRACE on minsky		04/26/2017 11:34 AM
16343	cet-is	Bug	Accepted	Normal	problems encountered when building larsoft and dunetpc on minsky		04/26/2017 11:34 AM
16261	cet-is	Bug	Accepted	Normal	problems encountered when building nutools on minsky		04/26/2017 11:34 AM
16251	cet-is	Bug	Accepted	Normal	problems encountered when building on minsky.fnal.gov		05/24/2017 11:02 AM
16250	cet-is	Bug	Accepted	Normal	problem with checkClassVersion on minsky.fnal.gov		04/26/2017 11:34 AM
16253	cet-is	Bug	Accepted	Normal	problem with fhiclcpp on minsky		04/26/2017 11:34 AM
6747	cet-is	Feature	Accepted	Low	product cleanup script		10/23/2017 12:23 PM

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11787	cet-is	Necessary Maintenance	Accepted	Normal	release notes		03/11/2016 02:28 PM

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