Unassigned Issues

#	Project	Tracker	Status	Subject	Author	Updated
3.9 GHz Cryomodule testing (1)						
23986	3.9 GHz Cryomodule testing	Bug	New	Low Level RF Drive Power	Brian Chase	02/02/2020 07:40 PM
ACNET Service (3)						
14368	ACNET Service	Bug	Closed	acnetd is frequently reporting QUEUE_FULL on idle clients	Richard Neswold	11/03/2016 10:44 AM
15180	ACNET Service	Feature	New	Need an easy way to kill TCP clients' connections	Richard Neswold	01/18/2017 10:39 AM
16707	ACNET Service	Feature	New	Find an alternate to 'nodesd'	Richard Neswold	05/30/2017 10:53 AM
AD Controls Department (5)						
20111	AD Controls Department	Feature	Work in progress	Add clock type to event specification	Richard Neswold	06/07/2018 10:44 AM
24152	AD Controls Department	Feature	New	Conditional Alarm States	Beau Harrison	03/09/2020 10:24 AM
24153	AD Controls Department	Idea	New	Device Scaling Transforms Audit	Beau Harrison	03/09/2020 12:30 PM
24156	AD Controls Department	Bug	New	Bursts of State Changes	Beau Harrison	03/09/2020 04:55 PM
24157	AD Controls Department	Idea	New	Time Series Database	Beau Harrison	03/09/2020 04:58 PM
AD ESH Department, Interlocks Group (9)						
21836	AD ESH Department, Interlocks Group	Necessary Maintenance	New	Scientific Linux 6 End of Life	Beau Harrison	02/05/2019 08:26 AM
21837	AD ESH Department, Interlocks Group	Feature	New	Failure Transparency	Beau Harrison	02/05/2019 08:29 AM
21838	AD ESH Department, Interlocks Group	Idea	New	Remove Shared Memory Model	Beau Harrison	02/05/2019 08:34 AM
21839	AD ESH Department, Interlocks Group	Support	New	XWindows Support is Fading	Beau Harrison	02/05/2019 08:37 AM
21840	AD ESH Department, Interlocks Group	Feature	New	Unified LEPR/PLC Protocol	Beau Harrison	02/05/2019 08:42 AM
21841	AD ESH Department, Interlocks Group	Necessary Maintenance	New	LEPR Upgrade	Beau Harrison	02/05/2019 09:17 AM
21842	AD ESH Department, Interlocks Group	Feature	New	RS-485 Protocol	Beau Harrison	02/06/2019 10:03 AM
21852	AD ESH Department, Interlocks Group	Feature	New	SVG to ApeMan	Beau Harrison	02/06/2019 09:55 AM
21853	AD ESH Department, Interlocks Group	Feature	New	OPC-UA Client	Beau Harrison	02/06/2019 10:03 AM
adinstbpm (20)						

#	Project	Tracker	Status	Subject	Author	Updated
17719	adinstbpm	Milestone	New	Booster operational test of one crate alongside existing BPM system	John Diamond	12/29/2017 11:08 AM
17746	adinstbpm	Bug	Rejected	Segfault every other time Acsys is restart	John Diamond	10/18/2017 08:19 PM
18046	adinstbpm	Task	New	Refactor bpmcli 'dump_flash_history' command to be a CLICommand	John Diamond	10/26/2017 04:23 PM
18047	adinstbpm	Task	New	Refactor bpmcli 'help' command to be a CLICommand	John Diamond	10/26/2017 04:24 PM
18197	adinstbpm	Bug	New	Why do soft reboots sometime hang?	John Diamond	11/10/2017 10:14 AM
18435	adinstbpm	Milestone	New	Support for GigE ADCs	John Diamond	11/30/2017 09:35 AM
19607	adinstbpm	Milestone	New	IOTA ACNET Interface	John Diamond	10/17/2018 10:57 AM
19850	adinstbpm	Milestone	New	BPM Diagnostics Application	John Diamond	05/02/2018 09:28 AM
20350	adinstbpm	Milestone	New	IOTA BPM deployment	John Diamond	10/17/2018 10:57 AM
20355	adinstbpm	Milestone	New	Deploy IOTA BPM hardware	John Diamond	08/22/2018 09:28 PM
20450	adinstbpm	Bug	New	The number of samples argument to bpmcli dump does not respect multiple bunches	John Diamond	07/25/2018 03:47 PM
20551	adinstbpm	Task	New	BPM-level delay configuration	John Diamond	08/07/2018 02:38 PM
20665	adinstbpm	Task	New	Support multiple sets of coefficients for 2-D fits	John Diamond	08/22/2018 08:51 PM
20666	adinstbpm	Task	New	TCLK-driven arm and TBT readout for IOTA	John Diamond	08/22/2018 09:33 PM
20681	adinstbpm	Task	New	bpmd.conf for BBPL15	John Diamond	08/26/2018 02:41 PM
20682	adinstbpm	Task	New	bpmd.config for BBPL15	John Diamond	08/26/2018 02:41 PM
22493	adinstbpm	Milestone	New	PIP2IT BPM Project	John Diamond	12/10/2019 08:00 AM
22556	adinstbpm	Milestone	New	Support rack-mount server architecture	John Diamond	06/14/2019 02:11 PM
23334	adinstbpm	Bug	New	Review request [commit:9d6fb8c32be2b760ee703095242308551c178991: Removed commented syslog(..) calls that where replaced with TRACE.]	John Diamond	09/25/2019 03:06 PM
23736	adinstbpm	Milestone	Closed	IOTA ACNET Interface Change Requests Dec 2019	John Diamond	04/08/2020 12:39 PM
ADMIN (3)						
7843	ADMIN	Support	New	Minos FY 2015 SPPM resource spreadsheet	Arthur Kreymer	02/12/2015 10:56 AM
9332	ADMIN	Bug	Closed	Can't open TBrowser in root on minos60	Thomas Carroll	09/17/2020 05:28 PM
10921	ADMIN	Support	New	ND DCS, DAQ, and Timing web pages all run on nusoft space	Alec Habig	11/12/2015 01:16 PM
AdministrationOfCloudServices (29)						
12113	AdministrationOfCloudServices	Task	Closed	Get On-Demand Services to launch the cloudformation task with roles and special purpose user	Steven Timm	05/09/2018 09:39 PM
12115	AdministrationOfCloudServices	Task	Closed	Complete testing of D. Dykstra ELB-free squid	Steven Timm	05/09/2018 09:38 PM
12116	AdministrationOfCloudServices	Task	Closed	Squid server configuration doesn't match partition size	Steven Timm	05/09/2018 09:37 PM
12117	AdministrationOfCloudServices	Task	Closed	Make a script to create the Squid-SG security group	Steven Timm	05/09/2018 09:37 PM
12118	AdministrationOfCloudServices	Task	Closed	Script the process of reconfiguring default SG	Steven Timm	05/09/2018 09:36 PM

#	Project	Tracker	Status	Subject	Author	Updated
12119	AdministrationOfCloudServices	Task	Closed	Put hook in decision engine to detect whether on-demand services are running, and launch them if necessary, and not send out jobs until they are up	Steven Timm	05/09/2018 09:36 PM
12120	AdministrationOfCloudServices	Task	Closed	Investigate route 53 configuration	Steven Timm	05/09/2018 09:36 PM
12121	AdministrationOfCloudServices	Task	Closed	How to detect existing default VPC, subnets, default SG	Steven Timm	05/09/2018 09:35 PM
12122	AdministrationOfCloudServices	Task	Closed	Unified Route 53 address across all AWS?	Steven Timm	05/09/2018 09:35 PM
12123	AdministrationOfCloudServices	Task	Closed	squid servers: tune ELB scale up / scale down levels	Steven Timm	05/09/2018 09:34 PM
12124	AdministrationOfCloudServices	Feature	Closed	Add mechanism to automatically update ami's in the various configurations	Steven Timm	05/09/2018 09:34 PM
12125	AdministrationOfCloudServices	Feature	Closed	Add version tracking and change log	Steven Timm	05/09/2018 09:34 PM
12126	AdministrationOfCloudServices	Feature	Closed	script cleanup of old AMI's	Steven Timm	05/09/2018 09:33 PM
12127	AdministrationOfCloudServices	Feature	Closed	Unit test on completed AMI	Steven Timm	05/09/2018 09:33 PM
12129	AdministrationOfCloudServices	Task	Closed	See if HTCondor can override storage on existing AMI's	Steven Timm	05/09/2018 09:32 PM
12130	AdministrationOfCloudServices	Task	Closed	Disable auto-yum updates in AWS images	Steven Timm	05/09/2018 09:31 PM
12132	AdministrationOfCloudServices	Task	Closed	Move current imaging processes to run on bare metal machines	Steven Timm	05/09/2018 09:31 PM
12133	AdministrationOfCloudServices	Task	Closed	Clean crud out of step1 image (fefimage-slf6-base)	Steven Timm	05/09/2018 09:30 PM
12134	AdministrationOfCloudServices	Task	Closed	Test. D. Dykstra work with VPC endpoints	Steven Timm	05/09/2018 09:30 PM
12135	AdministrationOfCloudServices	Bug	Closed	why does step2 fail sometimes	Steven Timm	05/09/2018 09:29 PM
12568	AdministrationOfCloudServices	Task	Closed	Investigate why we make 2 snapshots	Steven Timm	05/09/2018 09:29 PM
12581	AdministrationOfCloudServices	Task	Closed	Need to automate AWS key rotation	Steven Timm	12/01/2017 04:38 PM
12583	AdministrationOfCloudServices	Task	Closed	Get the hep cloud user to be able to launch vm's only with S3_Allow_Upload_Download role	Steven Timm	05/09/2018 09:26 PM
12584	AdministrationOfCloudServices	Task	Closed	Make a hot zone map of where VM's are running and how much we are paying	Steven Timm	05/09/2018 09:26 PM
12586	AdministrationOfCloudServices	Task	Closed	Limit IP's from which people can contact AWS	Steven Timm	03/02/2018 08:41 PM
12587	AdministrationOfCloudServices	Task	Closed	figure out how to test full VM workload without glideinWMS and how to split glideinwms payload so we can use cloud-init	Steven Timm	05/09/2018 09:25 PM
14029	AdministrationOfCloudServices	Task	Closed	Monitoring: Make a Google Gratia probe	Steven Timm	05/09/2018 09:20 PM
14045	AdministrationOfCloudServices	Task	Closed	Can decision engine condor_off -peaceful glideins in hot (expensive zones)	Steven Timm	05/09/2018 09:18 PM
15812	AdministrationOfCloudServices	Feature	Closed	Develop Auto-launch to launch the squid stacks on various AWS zones when needed.	Steven Timm	05/09/2018 03:11 PM
Aged Password Detector (1)						
359	Aged Password Detector	Bug	New	Accommodate new Password_overdue view	Randy Reitz	03/15/2010 01:24 PM
AI-for-Accelerators (39)						
22787	AI-for-Accelerators	Milestone	New	Data Products, Part 1	Gabriel Perdue	06/20/2019 04:44 PM

#	Project	Tracker	Status	Subject	Author	Updated
22790	AI-for-Accelerators	Feature	New	Full current set data readout and storage	Gabriel Perdue	06/20/2019 04:41 PM
22791	AI-for-Accelerators	Task	New	Create list of initial set of devices and dataloggers (ACNET)	Gabriel Perdue	06/20/2019 04:42 PM
22792	AI-for-Accelerators	Task	New	Set up long-term storage mechanism for data products	Gabriel Perdue	06/20/2019 04:44 PM
22793	AI-for-Accelerators	Task	New	Estimate storage requirements over 1, 3, 6, 12 month timelines	Gabriel Perdue	06/20/2019 04:44 PM
22794	AI-for-Accelerators	Feature	New	Develop solution for querying stored data	Gabriel Perdue	06/20/2019 04:45 PM
22799	AI-for-Accelerators	Feature	New	Build offline training system	Gabriel Perdue	06/21/2019 11:44 AM
22800	AI-for-Accelerators	Feature	New	Build a framework for agent deploymenrt	Gabriel Perdue	06/21/2019 11:43 AM
22801	AI-for-Accelerators	Task	New	Investigate TF-Agents, home-brew systems	Gabriel Perdue	06/21/2019 11:43 AM
22802	AI-for-Accelerators	Feature	New	Build a distributed training system for faster turnaround	Gabriel Perdue	06/21/2019 11:44 AM
22829	AI-for-Accelerators	Feature	New	Algorithm development, part I	Gabriel Perdue	06/27/2019 04:25 PM
22830	AI-for-Accelerators	Task	New	Develop research plan for safe agent behavior	Gabriel Perdue	06/27/2019 04:22 PM
22831	AI-for-Accelerators	Task	New	Build agent for training from historical data - mimic current algorithm	Gabriel Perdue	06/27/2019 04:24 PM
22832	AI-for-Accelerators	Task	New	Train agent, iterating on different reinforcement learning paradigms and algorithms as needed	Gabriel Perdue	06/27/2019 04:24 PM
22833	AI-for-Accelerators	Feature	New	Build a "kick-started" candidate agent	Gabriel Perdue	06/27/2019 04:25 PM
22834	AI-for-Accelerators	Task	New	Train agent, iterating on different reinforcement learning paradigms and algorithms as needed	Gabriel Perdue	06/27/2019 04:25 PM
22839	AI-for-Accelerators	Milestone	New	Test algorithm implementation on hardware with hls4ml	Gabriel Perdue	06/28/2019 04:40 PM
22840	AI-for-Accelerators	Task	New	Test full workflow with boards on-hand	Gabriel Perdue	06/28/2019 04:38 PM
22841	AI-for-Accelerators	Task	New	Understand input bandwidth requirements	Gabriel Perdue	06/28/2019 04:39 PM
22842	AI-for-Accelerators	Task	New	Design ACNET input system for the board	Gabriel Perdue	06/28/2019 04:39 PM
22844	AI-for-Accelerators	Task	New	Understand required number of ops / computations / resources (what are the metrics and how do we decide?)	Gabriel Perdue	06/28/2019 04:40 PM
22918	AI-for-Accelerators	Feature	New	Data products, part 2	Gabriel Perdue	07/11/2019 01:40 PM
22920	AI-for-Accelerators	Task	New	Refine list of required devices and catalogers	Gabriel Perdue	07/11/2019 01:39 PM
22921	AI-for-Accelerators	Task	New	Refine long-term storage estimates	Gabriel Perdue	07/11/2019 01:40 PM
22922	AI-for-Accelerators	Milestone	New	Hall work part 1	Gabriel Perdue	07/11/2019 01:42 PM
22923	AI-for-Accelerators	Task	New	Establish a safe and ORC-allowed work area with a PC for slow interface with the current control system.	Gabriel Perdue	07/11/2019 01:42 PM
22932	AI-for-Accelerators	Milestone	New	Algorithm development, part 2	Gabriel Perdue	07/12/2019 03:18 PM
22933	AI-for-Accelerators	Task	New	Investigate deployment to PC for "slow" inference and training	Gabriel Perdue	07/12/2019 03:17 PM
22934	AI-for-Accelerators	Task	New	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	Gabriel Perdue	07/12/2019 03:18 PM
22935	AI-for-Accelerators	Task	New	Data products, part 3	Gabriel Perdue	07/12/2019 03:19 PM
22936	AI-for-Accelerators	Task	New	Finalize list of required devices and catalogers	Gabriel Perdue	07/12/2019 03:19 PM

#	Project	Tracker	Status	Subject	Author	Updated
22937	AI-for-Accelerators	Task	New	Finalize long-term storage estimates and required storage horizons	Gabriel Perdue	07/12/2019 03:20 PM
22942	AI-for-Accelerators	Milestone	New	Historical agent	Gabriel Perdue	07/15/2019 04:19 PM
22943	AI-for-Accelerators	Task	New	Training mechanism validation	Gabriel Perdue	07/15/2019 04:20 PM
22944	AI-for-Accelerators	Task	New	Demonstrate training based on data collection with the RL agent using manual re-flashes of the FPGA	Gabriel Perdue	07/15/2019 04:20 PM
22945	AI-for-Accelerators	Task	New	Demonstrate training based on data collection with the RL agent and automated re-flashes of the FPGA	Gabriel Perdue	07/15/2019 04:20 PM
22946	AI-for-Accelerators	Task	New	Demonstrate dynamic loading of weights without re-flashing the FPGA?	Gabriel Perdue	07/15/2019 04:21 PM
22947	AI-for-Accelerators	Milestone	New	Project extension exploration, part 1	Gabriel Perdue	07/15/2019 04:22 PM
22948	AI-for-Accelerators	Milestone	New	Project finalization	Gabriel Perdue	07/15/2019 04:23 PM
ANL Up/Down Converter Builds 2020/2021 (1)						
24853	ANL Up/Down Converter Builds 2020/2021	Task	New	Quotes and carts needed for Build of ANL Up/Downconverters	Daniel Klepec	10/01/2020 10:16 AM
ANNIE (2)						
24079	ANNIE	Necessary Maintenance	New	BNB Downtime	Emrah Tiras	02/21/2020 10:57 AM
24080	ANNIE	Necessary Maintenance	New	BNB Downtime	Emrah Tiras	02/21/2020 11:05 AM
ANNIE1-Assembly (21)						
8576	ANNIE1-Assembly	Task	New	Assembly and installation of PMT modules	Matthew Wetstein	04/06/2016 11:06 PM
8577	ANNIE1-Assembly	Task	New	Water fill	Matthew Wetstein	01/25/2018 07:11 AM
8631	ANNIE1-Assembly	Milestone	New	Lowering the tank in ANNIE Hall	Matthew Wetstein	04/06/2016 11:12 PM
8637	ANNIE1-Assembly	Milestone	New	Installation of plastic liner	Matthew Wetstein	04/06/2016 11:07 PM
11078	ANNIE1-Assembly	Task	New	Development of PMT installation procedure	Matthew Wetstein	04/06/2016 11:05 PM
11079	ANNIE1-Assembly	Task	New	Spot testing of PMTs	Matthew Wetstein	04/06/2016 11:05 PM
11080	ANNIE1-Assembly	Task	New	Construction of Inner Structure	Matthew Wetstein	01/12/2016 02:29 AM
11081	ANNIE1-Assembly	Task	New	Practice lower inner structure into tank	Matthew Wetstein	04/06/2016 11:06 PM
11082	ANNIE1-Assembly	Task	New	Access Platform: construction and installation	Matthew Wetstein	04/06/2016 11:11 PM
11083	ANNIE1-Assembly	Milestone	New	Lower inner structure into tank at ANNIE Hall	Matthew Wetstein	04/06/2016 11:11 PM
11084	ANNIE1-Assembly	Task	New	Construction of NCV	Matthew Wetstein	04/06/2016 11:07 PM
11085	ANNIE1-Assembly	Milestone	New	NCV shipped to FNAL	Matthew Wetstein	04/06/2016 11:08 PM
11086	ANNIE1-Assembly	Milestone	New	Cabling of the installed tank	Matthew Wetstein	04/06/2016 11:08 PM
11089	ANNIE1-Assembly	Task	New	Set up water skid and recirculation system	Matthew Wetstein	01/25/2018 07:20 AM

#	Project	Tracker	Status	Subject	Author	Updated
11090	ANNIE1-Assembly	Task	New	PMT cabling and shipping	Matthew Wetstein	04/06/2016 11:05 PM
11093	ANNIE1-Assembly	Task	New	Modify top of tank, add round offs	Matthew Wetstein	01/12/2016 02:36 PM
11094	ANNIE1-Assembly	Milestone	New	Cut top of tank	Matthew Wetstein	12/06/2015 12:08 PM
11095	ANNIE1-Assembly	Task	New	Populate Crates in Hall	Matthew Wetstein	04/06/2016 11:06 PM
11096	ANNIE1-Assembly	Milestone	New	Prelim ORC inspection	Matthew Wetstein	04/06/2016 11:12 PM
11097	ANNIE1-Assembly	Bug	New	Finalize crates and racks	Matthew Wetstein	04/06/2016 11:11 PM
11099	ANNIE1-Assembly	Task	New	Installation of Forward Veto Cabling	Matthew Wetstein	04/06/2016 11:07 PM
ANNIE1-Commissioning (6)						
8599	ANNIE1-Commissioning	Task	New	Begin Run1 data taking	Matthew Wetstein	01/25/2018 07:11 AM
8600	ANNIE1-Commissioning	Task	New	Dark commissioning of PMTs in ANNIE Hall (no water)	Matthew Wetstein	01/25/2018 07:10 AM
8636	ANNIE1-Commissioning	Task	New	Installation and commissioning of NCV	Matthew Wetstein	01/25/2018 07:11 AM
11087	ANNIE1-Commissioning	Task	New	DAQ commissioning	Matthew Wetstein	01/25/2018 07:10 AM
11088	ANNIE1-Commissioning	Task	New	Detector commissioning with water	Matthew Wetstein	01/25/2018 07:21 AM
11098	ANNIE1-Commissioning	Milestone	New	Final ORC review	Matthew Wetstein	01/25/2018 07:20 AM
ANNIE1-electronics-design (12)						
8804	ANNIE1-electronics-design	Task	Closed	Follow up with PREP on LeCroy 1440s	Matthew Wetstein	10/09/2015 01:05 PM
8807	ANNIE1-electronics-design	Task	Closed	Get FADCs from UChicago	Matthew Wetstein	10/06/2015 01:45 PM
8815	ANNIE1-electronics-design	Task	New	Final Decision on MRD and veto electronics	Matthew Wetstein	04/06/2016 11:08 PM
8816	ANNIE1-electronics-design	Milestone	New	What is our calibration system?	Matthew Wetstein	01/25/2018 07:13 AM
8907	ANNIE1-electronics-design	Task	Closed	Ship PSEC eval card to QMUL	Matthew Wetstein	10/09/2015 01:11 PM
8912	ANNIE1-electronics-design	Meeting	Closed	Discuss development of new Central card	Matthew Wetstein	10/09/2015 01:14 PM
10465	ANNIE1-electronics-design	Task	Closed	Get FNAL EE staff to signoff on the enclosure design	Jonathan Eisch	12/17/2015 05:03 PM
10469	ANNIE1-electronics-design	Task	Closed	Order rack enclosure	Jonathan Eisch	12/18/2015 02:43 PM
10512	ANNIE1-electronics-design	Task	New	Test final pickoff/splitter	Jonathan Eisch	04/06/2016 11:14 PM
11345	ANNIE1-electronics-design	Task	New	DAQ Serialisation	Benjamin Richards	01/05/2016 08:17 AM
11348	ANNIE1-electronics-design	Task	New	Postgress setup	Benjamin Richards	01/05/2016 08:22 AM
11349	ANNIE1-electronics-design	Task	New	DAQ board reader TOOL	Benjamin Richards	01/15/2016 08:05 AM
ANNIE1-MCstudies (4)						
8623	ANNIE1-MCstudies	Task	New	Geant-based estimate of beam neutron rates and energies	Matthew Wetstein	01/25/2018 07:22 AM
8625	ANNIE1-MCstudies	Task	New	Full MC model with 3D PMTs to study neutron tagging efficiencies	Matthew Wetstein	01/25/2018 07:24 AM
8627	ANNIE1-MCstudies	Task	New	SciBooNE driven calculation of skyshine rates	Matthew Wetstein	06/04/2015 10:33 AM
8628	ANNIE1-MCstudies	Bug	New	Optimization of acrylic volume	Matthew Wetstein	05/06/2015 09:43 AM
ANNIE1-mechanical-design (7)						

#	Project	Tracker	Status	Subject	Author	Updated
8572	ANNIE1-mechanical-design	Task	New	Fermilab approval for tank purchase	Matthew Wetstein	06/09/2015 02:01 AM
8573	ANNIE1-mechanical-design	Task	New	Approval to purchase tank, from IA State Purchasing	Matthew Wetstein	05/27/2015 07:54 AM
8853	ANNIE1-mechanical-design	Task	New	Water system shipped to FNAL for storage	Matthew Wetstein	12/06/2015 10:24 AM
8854	ANNIE1-mechanical-design	Task	New	Ship the muon veto structure	Matthew Wetstein	08/05/2015 11:47 PM
8855	ANNIE1-mechanical-design	Milestone	New	Design of veto structure	Matthew Wetstein	08/05/2015 11:55 PM
11076	ANNIE1-mechanical-design	Task	New	Final decision on liner specs and estimate	Matthew Wetstein	01/12/2016 02:33 AM
11092	ANNIE1-mechanical-design	Task	New	Finish design of PMT holders	Matthew Wetstein	01/22/2016 08:51 AM
ANNIE1-MRD-design (4)						
8615	ANNIE1-MRD-design	Task	New	Arrange to get the Kansas/Syracuse PMTs and scintillator	Matthew Wetstein	06/05/2015 06:42 AM
8616	ANNIE1-MRD-design	Task	New	Follow up on Fermilab PMTs/Scintillator	Matthew Wetstein	06/09/2015 02:02 AM
8617	ANNIE1-MRD-design	Task	New	Follow up with NMSU about keeping the MRD Scintillator	Matthew Wetstein	12/18/2015 09:22 AM
8618	ANNIE1-MRD-design	Task	New	Sign over stewardship of the MRD steel	Matthew Wetstein	06/05/2015 06:39 AM
ANNIE1-Planning (4)						
8575	ANNIE1-Planning	Task	New	Contact Stephen Geer about June PAC meeting	Matthew Wetstein	05/21/2015 10:07 AM
8629	ANNIE1-Planning	Meeting	New	Run 1 Mechanical Review	Matthew Wetstein	01/22/2016 08:51 AM
8630	ANNIE1-Planning	Meeting	New	ANNIE Run 1 Electronics Review	Matthew Wetstein	05/06/2015 09:47 AM
8638	ANNIE1-Planning	Milestone	New	Complete TSW for ANNIE experiment	Matthew Wetstein	12/16/2015 11:56 PM
ANNIE1-Staging (6)						
8571	ANNIE1-Staging	Milestone	New	Tank Manufacture	Matthew Wetstein	12/06/2015 11:38 AM
8633	ANNIE1-Staging	Task	New	MRD + veto system testing	Matthew Wetstein	04/06/2016 11:09 PM
8634	ANNIE1-Staging	Task	New	Order materials for PMT structure	Matthew Wetstein	04/06/2016 11:09 PM
11077	ANNIE1-Staging	Milestone	New	Liner: collab buy-in, place order	Matthew Wetstein	01/12/2016 02:32 AM
11091	ANNIE1-Staging	Milestone	New	Prototype PMT holder	Matthew Wetstein	04/06/2016 11:10 PM
11100	ANNIE1-Staging	Task	New	Cables for Forward Veto	Matthew Wetstein	04/06/2016 11:09 PM
ANNIE1-veto-installation (1)						
8856	ANNIE1-veto-installation	Milestone	New	Installation of Veto structure	Matthew Wetstein	12/06/2015 10:42 AM
ANNIE2-Assembly (3)						
18928	ANNIE2-Assembly	Task	New	Finish MRD Refurbishment	Matthew Wetstein	02/09/2018 09:06 AM
18929	ANNIE2-Assembly	Task	New	Functional test of new MRD layers	Matthew Wetstein	02/09/2018 09:07 AM
18930	ANNIE2-Assembly	Task	New	In situ calibration of MRD layers	Matthew Wetstein	02/09/2018 09:07 AM
ANNIE2-electronics-design (6)						

#	Project	Tracker	Status	Subject	Author	Updated
17916	ANNIE2-electronics-design	Bug	New	readACDC after setConfig is all 0	Miles Lucas	10/31/2017 10:09 AM
18934	ANNIE2-electronics-design	Milestone	New	Final crate and rack maps	Matthew Wetstein	02/09/2018 09:15 AM
18935	ANNIE2-electronics-design	Milestone	New	Rack protection plan	Matthew Wetstein	02/09/2018 09:16 AM
18936	ANNIE2-electronics-design	Milestone	New	Power distribution plan	Matthew Wetstein	02/09/2018 09:16 AM
18937	ANNIE2-electronics-design	Task	New	Design the backboard for the LAPPD with ACDC connectors	Matthew Wetstein	02/09/2018 09:31 AM
18938	ANNIE2-electronics-design	Task	New	Design for separate ACDC voltage regulator board	Matthew Wetstein	02/09/2018 09:43 AM
ANNIE2-electronics-readiness (3)						
18931	ANNIE2-electronics-readiness	Task	New	Finish new ACDC-ACC interface firmware	Matthew Wetstein	02/09/2018 09:12 AM
18932	ANNIE2-electronics-readiness	Task	New	Ethernet interface for ACC	Matthew Wetstein	02/09/2018 09:13 AM
18933	ANNIE2-electronics-readiness	Task	New	Firmware upgrades for KOTO boards (2 different trigger schemes)	Matthew Wetstein	02/09/2018 09:13 AM
ANNIE2-mechanical-design (17)						
18556	ANNIE2-mechanical-design	Task	New	Design of the new tank lid	Matthew Wetstein	01/25/2018 07:34 AM
18557	ANNIE2-mechanical-design	Bug	New	How to mount the WATCHMAN PMTs	Matthew Wetstein	12/14/2017 01:09 PM
18558	ANNIE2-mechanical-design	Bug	New	How to mount the LUX PMTs on the bottom	Matthew Wetstein	01/25/2018 07:50 AM
18559	ANNIE2-mechanical-design	Bug	New	Holders and Mount Concepts for new 10" PMTs	Matthew Wetstein	01/25/2018 07:57 AM
18560	ANNIE2-mechanical-design	Task	New	Figure out how to optically isolate the inner volume	Matthew Wetstein	12/14/2017 01:14 PM
18562	ANNIE2-mechanical-design	Task	New	Draft LAPPD mounting board design	Matthew Wetstein	06/12/2018 09:19 AM
18564	ANNIE2-mechanical-design	Task	New	Separate voltage regulators from ACDCs to separate board	Matthew Wetstein	06/12/2018 09:20 AM
18565	ANNIE2-mechanical-design	Task	New	Final layout of new LAPPD housing	Matthew Wetstein	06/12/2018 09:19 AM
18566	ANNIE2-mechanical-design	Task	New	Finalize design of timing calibration system	Matthew Wetstein	01/25/2018 07:39 AM
18567	ANNIE2-mechanical-design	Task	New	Finalize design of source calibration system	Matthew Wetstein	12/14/2017 01:33 PM
18568	ANNIE2-mechanical-design	Task	New	Finalize design of transparency calibration system	Matthew Wetstein	12/14/2017 01:34 PM
18569	ANNIE2-mechanical-design	Task	New	Revise Specification Doc.	Emrah Tiras	06/12/2018 09:18 AM
18570	ANNIE2-mechanical-design	Task	New	Finalize experimental layout in the hall	Matthew Wetstein	12/14/2017 01:39 PM
18571	ANNIE2-mechanical-design	Task	New	Finalize design and layout of water system	Matthew Wetstein	01/25/2018 07:40 AM
18572	ANNIE2-mechanical-design	Task	New	Cleanliness and handling strategy	Emrah Tiras	06/12/2018 09:20 AM
18939	ANNIE2-mechanical-design	Milestone	New	Identify new tank liner	Matthew Wetstein	06/13/2018 01:30 AM
18941	ANNIE2-mechanical-design	Milestone	New	Final Review of the Tank Lid design	Matthew Wetstein	02/09/2018 09:48 AM
Applications Group (1)						
23351	Applications Group	Idea	New	Reimagining the Parameter Page	Beau Harrison	09/30/2019 08:27 AM
art (260)						

#	Project	Tracker	Status	Subject	Author	Updated
890	art	Feature	Closed	Review linking of shared libraries.	Christopher Green	07/24/2013 04:01 PM
891	art	Feature	Closed	Migrate simple_plugin Cmake macro to art package.	Christopher Green	12/09/2011 11:44 AM
894	art	Feature	Closed	Investigate whether simple_plugin Cmake macro can be improved to not require dict subdirectory.	Christopher Green	12/09/2011 11:44 AM
895	art	Feature	Rejected	Revise ROOT-based I/O to incorporate improvements in CMS code base	Christopher Green	12/09/2011 11:46 AM
897	art	Necessary Maintenance	Accepted	Institute validation tests for an installed art package.	Christopher Green	10/23/2017 12:12 PM
898	art	Feature	Rejected	Allow underscores in Product class specifications.	Christopher Green	12/09/2011 11:48 AM
899	art	Feature	Rejected	Should module_label continue to be injected into each module?	Christopher Green	06/26/2012 01:34 PM
900	art	Feature	Closed	EventID should have the subRunID as part of its data	Christopher Green	12/09/2011 11:55 AM
901	art	Feature	Rejected	Record how many events were read from input for the writing of a given output file.	Christopher Green	12/09/2011 11:56 AM
903	art	Feature	Rejected	Create forwarding headers in each library with standard naming (fwd.h).	Christopher Green	07/24/2013 04:44 PM
905	art	Feature	Rejected	Review and port MessageLogger changes from CMS repository to MF since fork.	Christopher Green	12/09/2011 12:02 PM
906	art	Feature	Rejected	Address the mf::service namespace issue.	Christopher Green	12/09/2011 02:28 PM
907	art	Necessary Maintenance	Accepted	Review and rationalize use of exceptions across art.	Christopher Green	10/23/2017 12:12 PM
908	art	Necessary Maintenance	Accepted	Review structure, code and other aspects of cpp0x and cetlib	Christopher Green	10/23/2017 12:12 PM
909	art	Bug	Accepted	Event::getView should return false (per design) rather than throw in specified cases.	Christopher Green	10/23/2017 12:12 PM
910	art	Necessary Maintenance	Accepted	Investigate whether Event::fillView_ should use reflex_cast (or its replacement) instead of static_cast.	Christopher Green	10/23/2017 12:12 PM
911	art	Feature	Closed	Investigate storage of exceptions in Handle and friends and whether it can be improved.	Christopher Green	07/19/2012 01:08 PM
913	art	Idea	Rejected	Review naming conventions in mesagefacility.	Christopher Green	12/09/2011 02:49 PM
914	art	Idea	Rejected	Agree on moving forward on MF to merge art / NOvA / CMS versions into one code base.	Christopher Green	12/09/2011 02:50 PM
915	art	Bug	Closed	Reproduce minimally and report a (Reflex?) bug in processing of vector<Prong const *>	Christopher Green	12/09/2011 02:51 PM
916	art	Milestone	Accepted	Make a note in the cet-is Wiki on detail namespace / header / source file subdirectory.	Christopher Green	10/23/2017 12:12 PM
917	art	Necessary Maintenance	Accepted	Make FHICL language document pretty.	Christopher Green	10/23/2017 12:12 PM
918	art	Idea	Accepted	Add architecture-specific capture of call stack at time of construction of cet::exception.	Christopher Green	10/23/2017 12:12 PM
919	art	Bug	Rejected	Investigate report of problem with floating point exception control service.	Christopher Green	07/25/2013 10:36 AM

#	Project	Tracker	Status	Subject	Author	Updated
920	art	Milestone	Closed	Design a mechanism for specifying obsolete parameters with info/warnings when seen.	Christopher Green	10/23/2017 12:12 PM
921	art	Feature	Rejected	Replace Worker, WorkerT and friends with something with better consistency / problem detection.	Christopher Green	12/09/2011 03:03 PM
938	art	Bug	Rejected	code in art should not be directly throwing cet::exception; use art::Exception	Marc Paterno	07/25/2013 10:44 AM
942	art	Milestone	Accepted	Design mechanism for library versioning and consistency checks	Christopher Green	10/23/2017 12:12 PM
943	art	Feature	Accepted	Document in-use parameters for all framework code.	Christopher Green	10/23/2017 12:12 PM
945	art	Feature	Rejected	Set up LXR browser for all projects.	Christopher Green	12/09/2011 03:09 PM
946	art	Necessary Maintenance	Accepted	Review and provide precise definitions of each signal watchpoint.	Christopher Green	10/23/2017 12:12 PM
956	art	Feature	Accepted	Testing of signal emission is needed	Marc Paterno	10/23/2017 12:12 PM
961	art	Bug	Rejected	EDProducer to read data products from another event data file.	Rob Kutschke	02/11/2011 11:54 AM
963	art	Feature	Closed	EDProducer to read data products from another event data file.	Rob Kutschke	12/09/2011 03:13 PM
974	art	Necessary Maintenance	Accepted	Review non-running legacy tests to see if they are worth porting or should be removed.	Christopher Green	10/23/2017 12:12 PM
1000	art	Feature	Assigned	Run/event range	Eric Church	12/03/2019 12:41 PM
1010	art	Feature	Rejected	CheckUpsVersion to provide functions usable in IF checks	Christopher Green	12/09/2011 03:16 PM
1025	art	Feature	Rejected	end_paths and trigger_paths are now unnecessary and should be retired.	Christopher Green	07/25/2013 12:03 PM
1026	art	Necessary Maintenance	Accepted	Duplicated code for branch name element verification	Marc Paterno	10/23/2017 12:12 PM
1043	art	Bug	Accepted	art::getFileFormatVersion and art::getFileFormatEra should be renamed	Marc Paterno	10/23/2017 12:12 PM
1057	art	Bug	Rejected	Specifying maximum output file size does not work	Brian Rebel	07/25/2013 12:13 PM
1062	art	Feature	Rejected	Quick reference guide for documentation site	Brian Rebel	07/25/2013 01:47 PM
1063	art	Feature	Rejected	Make the input line parameters accessible to modules	Denis Perevalov	03/21/2011 05:44 PM
1075	art	Milestone	Accepted	Post on the tutorial web site some documentation for FileDumper	Marc Paterno	10/23/2017 12:12 PM
1091	art	Milestone	Accepted	Review all signal emission in the light of sentry considerations and exception safety.	Christopher Green	10/23/2017 12:12 PM
1127	art	Feature	Closed	Re-write art::Group::getProductType() to not use product()	Christopher Green	07/19/2012 01:09 PM
1144	art	Milestone	Accepted	Defining categories for the error logger	Rob Kutschke	10/23/2017 12:12 PM
1197	art	Necessary Maintenance	Accepted	Unit / regression tests for RootInput random access.	Christopher Green	10/23/2017 12:12 PM
1246	art	Feature	Accepted	Reco on demand not finding products in the file	Rob Kutschke	10/23/2017 12:12 PM
1316	art	Feature	Feedback	Snapshot histogram file	Mark Messier	10/23/2017 12:12 PM
1343	art	Bug	Closed	Configuring the message logger	Rob Kutschke	06/16/2011 01:57 PM
1632	art	Feature	Closed	-e command line option ignored	Mark Messier	07/30/2014 06:29 PM

#	Project	Tracker	Status	Subject	Author	Updated
1758	art	Feature	Closed	Histograms in shared memory	Mark Messier	10/23/2017 12:12 PM
1759	art	Feature	Accepted	Periodic refreshing of histogram files	Mark Messier	10/23/2017 12:12 PM
1918	art	Feature	Accepted	Thinking ahead to event mixing and art::Ptr to run product	Rob Kutschke	10/23/2017 12:12 PM
2275	art	Feature	Rejected	On demand loading of module libraries	Brian Rebel	12/16/2011 11:58 AM
2317	art	Feature	Rejected	On demand loading of services when handle is requested	Brian Rebel	08/24/2012 12:17 PM
2325	art	Feature	Rejected	query disk size for data objects	Andrei Gaponenko	02/07/2012 01:08 PM
2334	art	Feature	Rejected	Another candidate for cetlib?	Rob Kutschke	08/02/2013 02:16 PM
2397	art	Feature	Closed	Interface to the ART "user" database (file's SQLite DB)	Adam Lyon	09/19/2013 03:27 PM
2445	art	Feature	Closed	Request improved error message	Rob Kutschke	10/07/2015 02:00 PM
2463	art	Feature	Closed	Seeding the random engines inside the MixFilter templates	Rob Kutschke	03/02/2012 11:32 AM
2477	art	Feature	Closed	controlling art printouts	Andrei Gaponenko	10/23/2017 12:12 PM
2629	art	Feature	Closed	ReaderSource should allow the detail class to decide whether fileNames[] is required, and cope accordingly.	Christopher Green	08/09/2013 11:31 AM
2664	art	Feature	Rejected	Update "Can't find key BEGIN..." error message to include the module/service looking for the key	Brian Rebel	08/05/2013 01:20 PM
2701	art	Feature	Closed	turn off exception catching	Herbert Greenlee	08/24/2012 12:14 PM
2751	art	Feature	Closed	Use of ART-service in standalone scripts, not depending on ART	Denis Perevalov	08/24/2012 11:59 AM
2815	art	Feature	Rejected	Merging/mixing multiple files event-by-event	Christopher Backhouse	08/24/2012 12:05 PM
2869	art	Feature	Closed	Access to FCL parameter comments	Mark Messier	08/31/2012 11:11 AM
2886	art	Feature	Closed	All configured services shall be created	Adam Lyon	08/24/2012 11:56 AM
2887	art	Feature	Closed	Allow modules to call library code to register their products	Adam Lyon	08/24/2012 12:09 PM
2940	art	Idea	Closed	Produce test case and submit bug report to GCC of std::enable_if misbehavior	Christopher Green	08/31/2012 11:24 AM
2943	art	Feature	Feedback	ResourceWatch utility	Rob Kutschke	10/23/2017 12:12 PM
2947	art	Bug	Rejected	Fhicl allows creation of new parameters in the configuration in the job file	Denis Perevalov	09/21/2012 11:24 AM
2948	art	Feature	Rejected	fhicl::ParameterSet::print()	Denis Perevalov	09/10/2012 12:25 PM
2992	art	Bug	Closed	"-n -1" no longer means "unlimited" on the command line	Christopher Backhouse	01/11/2013 11:10 AM
3055	art	Feature	Closed	art utility for monitoring file size contributions by new objects	Gavin Davies	10/01/2015 01:26 PM
3067	art	Feature	Closed	access to ParameterSet of a producer module	Andrei Gaponenko	12/17/2015 01:53 PM
3068	art	Feature	Accepted	PtrVectorBase custom streamer could be made more efficient.	Christopher Green	10/23/2017 12:12 PM
3077	art	Feature	Rejected	Request comparison functions for art::Ptr	Rob Kutschke	11/02/2012 11:39 AM
3105	art	Feature	Rejected	Product Not Found exception is not caught for art::Event::getView()	Brian Rebel	02/26/2013 09:54 AM
3119	art	Bug	Closed	Version 1.02.05 (and develop) have a circular dependency.	Christopher Green	08/09/2013 11:34 AM

#	Project	Tracker	Status	Subject	Author	Updated
3134	art	Bug	Rejected	Non-informative exception thrown if FHICL parameter isn't found in a Service constructor	Adam Lyon	08/06/2013 02:59 PM
3188	art	Feature	Rejected	Support the routing of corrupt RawEvents to different disk files	Kurt Biery	12/18/2012 09:25 AM
3190	art	Feature	Closed	Allow for reconfiguration in a DAQ environment	Kurt Biery	10/23/2017 12:12 PM
3321	art	Bug	Rejected	Services do not call preBeginRun, endJob etc...	Denis Perevalov	01/18/2013 11:09 AM
3401	art	Feature	Closed	Facility to input metadata from user space	Andrew Norman	09/19/2013 03:15 PM
3553	art	Bug	Closed	dlopen: cannot load any more object with static TLS	Andrei Gaponenko	10/03/2013 03:15 PM
3571	art	Bug	Accepted	Message logger configuration	Rob Kutschke	10/23/2017 12:12 PM
3629	art	Feature	Accepted	Metadata retained for pure transient data products?	Rob Kutschke	10/23/2017 12:12 PM
3647	art	Bug	Closed	artmod created Module missing needed #include Event.h	Jan Zirnstein	04/23/2013 10:07 AM
3737	art	Feature	Closed	improve the ability to auto detect the need to disable fast cloning	Rob Kutschke	08/22/2016 11:27 AM
3756	art	Bug	Closed	Make.config in GENIE v3665c	William Seligman	04/23/2013 05:51 PM
3768	art	Feature	Closed	Provide command line override for EmptyEvent module parameter firstEvent.	Herbert Greenlee	06/03/2013 02:13 PM
3773	art	Feature	Rejected	Improved ability to control when RootOutput will close and open output files.	Herbert Greenlee	05/27/2015 09:49 AM
3925	art	Feature	Closed	ValidHandle::id()	Andrei Gaponenko	05/24/2013 02:28 PM
3946	art	Feature	Rejected	ActivityRegistry callbacks preCloseFile and postCloseFile should pass the file name as an argument.	Herbert Greenlee	08/09/2013 04:07 PM
4075	art	Necessary Maintenance	Accepted	Without much effort, the framework can be made to support per-module action tables for exception handling.	Christopher Green	10/23/2017 12:12 PM
4107	art	Feature	Closed	A candidate function for FHICLCPP	Rob Kutschke	10/07/2015 01:52 PM
4187	art	Feature	Accepted	Reading in metadata from input files	Adam Aurisano	10/23/2017 12:12 PM
4367	art	Necessary Maintenance	Closed	OutputModule problems.	Christopher Green	06/07/2016 08:18 AM
4459	art	Necessary Maintenance	Accepted	Signal handling should be reviewed to ensure that signals are always handled by the correct thread.	Christopher Green	10/23/2017 12:12 PM
4704	art	Feature	Accepted	Command line facility to insert arbitrary configuration items.	Christopher Green	10/23/2017 12:12 PM
4907	art	Feature	Feedback	Provide Run::isRealData() and SubRun::isRealData()	Christopher Backhouse	10/23/2017 12:12 PM
4916	art	Feature	Feedback	Implement SelectRuns and SelectSubRuns	Christopher Backhouse	10/23/2017 12:12 PM
5167	art	Bug	Rejected	Data product sizes reported by FileDumperOutput	Rob Kutschke	01/13/2014 12:10 PM
5281	art	Necessary Maintenance	Closed	Move to using make_shared() wherever possible and appropriate.	Christopher Green	12/03/2019 12:43 PM
5474	art	Feature	Closed	Nicer syntax for iterating over std::Handle<std::vector<...	Christopher Backhouse	10/23/2017 12:12 PM
5690	art	Feature	Closed	FCL file parameters not properly tracked	Wesley Ketchum	05/01/2014 03:29 PM
5775	art	Feature	Feedback	Support for arbitrary, random-file access	Nathaniel Tagg	10/23/2017 12:12 PM

#	Project	Tracker	Status	Subject	Author	Updated
5790	art	Feature	Feedback	It should be possible to discover the art metadata for an object.	Herbert Greenlee	10/23/2017 12:12 PM
5795	art	Feature	Feedback	code version control provenance	Brendan Kiburg	10/23/2017 12:12 PM
6094	art	Bug	Rejected	Fcl expansion doesn't handle absolute path includes.	Herbert Greenlee	05/01/2014 10:42 AM
6344	art	Bug	Closed	Filter out output of some art services	Gianluca Petrillo	02/16/2015 10:32 AM
6368	art	Feature	Closed	A "print" feature to assist in debugging	Rob Kutschke	11/28/2016 11:58 AM
6387	art	Feature	Feedback	Provide versioning API in art_Framework_Core instead of art_Version	Ben Morgan	10/23/2017 12:12 PM
6403	art	Feature	Rejected	PtrVector should have emplace_back to better match the interface of vector<Ptr>	Marc Paterno	06/03/2014 02:26 PM
6557	art	Feature	Rejected	multi-file product reading for ROOT input module	Jim Kowalkowski	07/21/2014 11:37 AM
6679	art	Necessary Maintenance	Accepted	ParameterSetRegistry DBs should have primary key as blob rather than armored hex.	Christopher Green	10/23/2017 12:12 PM
6681	art	Necessary Maintenance	Accepted	ParameterSetRegistry should use a tailored hash function	Christopher Green	10/23/2017 12:12 PM
6700	art	Bug	Closed	ifdh_fetch to /nova/app does not work in ifdh_art v1_4_3	Kanika Sachdev	07/28/2014 06:45 PM
7029	art	Feature	Accepted	Use one consistent unit test framework for Art	Ben Morgan	10/23/2017 12:12 PM
7081	art	Feature	Assigned	SAM Process ID in metadata	Dominick Rocco	12/03/2019 12:41 PM
7177	art	Feature	Accepted	service and module testing utilities	Lynn Garren	10/23/2017 12:12 PM
7294	art	Feature	Closed	list dynamic libraries	Herbert Greenlee	10/23/2017 12:12 PM
7322	art	Feature	Closed	Change in fastCloning default value	Wesley Ketchum	10/23/2017 12:12 PM
7351	art	Bug	Closed	root gui bug in v1_12_00	Herbert Greenlee	10/23/2017 12:12 PM
7375	art	Bug	Closed	The qualifier s5 should not mean art v1_12_* it should mean a single version of art	Rob Kutschke	02/16/2015 11:21 AM
7526	art	Bug	Feedback	Follow up on Parameter Set bloat	Rob Kutschke	10/23/2017 12:12 PM
7580	art	Support	Feedback	Can't debug with the debug builds of art and externals on Mac OSX	Adam Lyon	10/23/2017 12:12 PM
7662	art	Feature	Feedback	Allow absolute include paths in fcls	Christopher Backhouse	10/23/2017 12:12 PM
7811	art	Support	Closed	Would like event split and merge functionality in the readin module	Thomas Junk	12/23/2015 09:05 AM
7818	art	Feature	Closed	Request that ProductNotFound rethrow by default	Rob Kutschke	10/18/2017 03:00 PM
8178	art	Necessary Maintenance	Accepted	Testing of drop on input needs improvement	Marc Paterno	10/23/2017 12:12 PM
8271	art	Feature	Assigned	Better diagnostics for ProductNotFound with multiple paths	Christopher Backhouse	12/03/2019 12:41 PM
8426	art	Feature	Accepted	Understand gradual memory growth and determine if it can be mitigated	Kyle Knoepfel	04/27/2015 11:46 AM
8532	art	Necessary Maintenance	Rejected	A question of the appropriate place for testing for the presence of a dictionary for a type of a product	Christopher Green	08/29/2016 11:47 AM
8653	art	Feature	Closed	Build and run art with ROOT6	Ben Morgan	12/17/2015 01:31 PM
8690	art	Support	Closed	Implementing the TEfficiency class in TFileService	Leon Rochester	07/17/2015 09:24 AM

#	Project	Tracker	Status	Subject	Author	Updated
8698	art	Feature	Closed	Remove use of Reflex	Marc Paterno	12/17/2015 01:31 PM
8699	art	Feature	Closed	Segregate use of Reflex	Marc Paterno	12/17/2015 01:31 PM
8771	art	Feature	Accepted	Implement parameter set configuration printout - task 3b of issue #7538	Kyle Knoepfel	06/01/2015 11:24 AM
8842	art	Feature	Closed	Facility for quick bootstrapping of development	Marc Paterno	04/23/2018 11:06 AM
8845	art	Feature	Accepted	Limited support for analyzers in Python	Marc Paterno	10/23/2017 12:12 PM
8846	art	Feature	Accepted	Support for handling branch aliases	Marc Paterno	04/23/2018 10:51 AM
9333	art	Support	Closed	FHICL Information from Previous Module	Martin Frank	08/14/2015 07:58 AM
9768	art	Support	Closed	art::FindManyP throws if art::Handle is invalid	Tingjun Yang	12/29/2015 10:51 AM
9803	art	Feature	Rejected	Input files with no events	G2Muon G2Muon	10/08/2015 10:26 AM
9822	art	Bug	Accepted	Misleading diagnostics by art framework	Pavel Murat	08/17/2015 12:11 PM
9999	art	Feature	Accepted	objects and associated metadata in a single vecctor of pairs	Robert Sulej	09/08/2015 03:50 PM
10140	art	Bug	Rejected	Failure to specify option argument can lead to overwritten input files	Kyle Knoepfel	09/14/2015 12:06 PM
10386	art	Bug	Rejected	Tentative bug report: Using cetbuildtools v4_12_6 , cmake stage fails..	Paul Lebrun	10/05/2015 10:03 AM
10410	art	Feature	Feedback	Request option for first-match-in-LD_LIBRARY_PATH for resolving art plugins	Rob Kutschke	10/19/2015 12:53 PM
10491	art	Bug	Closed	memory spike at the end of a job	Andrei Gaponenko	12/17/2015 01:33 PM
10544	art	Bug	Closed	Unexpected error when trying to run MCShower maker	Jonathan Asaadi	12/17/2015 01:42 PM
10545	art	Support	Closed	Returning false from EDFilter::beginSubRun() does not skip the events	Christopher Backhouse	12/02/2015 10:50 AM
10554	art	Feature	Closed	Save TimeTracker DB to output art-ROOT file or TFileService file.	Dominick Rocco	08/29/2016 11:52 AM
10627	art	Bug	Closed	Output module template art::ProvenanceDumper now forces the detail class to do parameter set validation	Rob Kutschke	12/23/2015 08:55 AM
10750	art	Feature	Feedback	lazy loading of the parameter set database	Andrei Gaponenko	08/29/2016 04:21 PM
10833	art	Bug	Accepted	Incorrect framing of information about an exception thrown in the beginRun callback of an art::Service	Rob Kutschke	04/23/2018 10:51 AM
10969	art	Feature	Closed	Provide VERSION macro exports	Eric Flumerfelt	08/29/2016 12:07 PM
11026	art	Feature	Accepted	Tuple product support	Jim Kowalkowski	04/23/2018 10:51 AM
11033	art	Feature	Accepted	art module in Python	Jim Kowalkowski	04/23/2018 10:51 AM
11035	art	Feature	Accepted	art producer module in python	Jim Kowalkowski	12/07/2015 11:43 AM
11036	art	Feature	Accepted	multidimensional array support in NTuple product	Jim Kowalkowski	12/07/2015 11:43 AM
11107	art	Support	Closed	Release art 1.18.02	Kyle Knoepfel	12/14/2015 11:30 AM
11118	art	Feature	Closed	SelectEvents setting should respect filters by default	Christopher Backhouse	08/29/2016 12:08 PM
11119	art	Feature	Closed	Allow an EDFilter to not produce all products if it's returning false	Christopher Backhouse	08/29/2016 12:09 PM
11152	art	Support	Closed	services.scheduler.errorOnFailureToPut should default to true	John Freeman	12/16/2015 10:27 AM
11156	art	Feature	Accepted	Suggestions to update the fhicl documentation	Rob Kutschke	12/21/2015 11:21 AM

#	Project	Tracker	Status	Subject	Author	Updated
11495	art	Feature	Rejected	FindMany/One interface that works with art::Ptr	Kanika Sachdev	01/27/2016 10:50 AM
11634	art	Bug	Remission	Unexpected message from ROOT	Rob Kutschke	02/08/2016 11:21 AM
11839	art	Feature	Feedback	Add respondToOpenInputFile method to ResultsProducer	Brian Rebel	03/03/2016 03:21 PM
12322	art	Bug	Closed	Invalid canonical fcl output	Herbert Greenlee	05/24/2016 09:54 AM
12391	art	Bug	Rejected	PtrVectorBase member data could undergo narrowing conversion when reading a linux-produced data file on a Mac.	Christopher Green	04/25/2016 11:34 AM
12857	art	Bug	Remission	Build-time dictionary checking has dangerous false positives	Christopher Green	06/06/2016 11:40 AM
12952	art	Support	Closed	Help NOvA investigate memory usage issues	Brian Rebel	08/22/2016 08:25 AM
13050	art	Feature	Accepted	Request a new variant of T* TFileDirectory::makeAndRegister<T>	Rob Kutschke	06/27/2016 12:17 PM
13274	art	Bug	Accepted	Some dead links in art wiki: ROOT schema evolution	Gianluca Petrillo	07/18/2016 11:24 AM
13586	art	Support	Closed	Is this the expected behaviour	Rob Kutschke	08/18/2016 12:05 PM
13610	art	Feature	Assigned	Update schema evolution wiki page	Marc Paterno	12/03/2019 12:41 PM
13624	art	Support	Closed	Slow reading of a MicroBooNE highly filtered event file	Bruce Baller	10/03/2016 12:17 PM
13675	art	Bug	Accepted	messagefacility sqlite plugin test sporadic failure on OSX	Marc Paterno	08/29/2016 11:35 AM
13692	art	Bug	Closed	Web page for gallery v1_03_06 download has an error	Marc Paterno	08/26/2016 09:51 AM
13833	art	Bug	Rejected	artmod still produces #include "art/Utilities/InputTag.h"	Tingjun Yang	09/13/2016 03:49 PM
13852	art	Feature	Closed	Stop event loop dynamically end exit with status 0	Pengfei Ding	02/16/2018 12:32 PM
13855	art	Support	Closed	Help diagnose apparently misbehaving filter module	Marc Paterno	09/13/2016 05:07 PM
13964	art	Necessary Maintenance	Closed	Documentation on how to fill classes.h files	Gianluca Petrillo	10/03/2016 11:26 AM
14294	art	Bug	Rejected	‘boost::filesystem::path’ has no member named ‘native’ when trying to build novasoft with art2/root6	Christopher Backhouse	10/31/2016 11:30 AM
14889	art	Support	Closed	Source module documentation	Robert Sulej	01/09/2017 11:59 AM
15169	art	Idea	Accepted	Support splitting data products by schema evolution	Gianluca Petrillo	01/23/2017 11:20 AM
15372	art	Milestone	Closed	art multi-threading phase 1	Marc Paterno	06/05/2018 04:09 PM
15380	art	Feature	Closed	Introduction of multi-threaded running	Marc Paterno	06/05/2018 03:55 PM
15381	art	Feature	Closed	Migrate code from CMSSW FWCore/Concurrency	Marc Paterno	06/05/2018 03:27 PM
15382	art	Feature	Accepted	Introduce thread-pause signaling for debugging	Marc Paterno	05/18/2018 03:08 PM
15383	art	Feature	Closed	Introduce StreamSchedule, etc.	Marc Paterno	06/05/2018 03:32 PM
15384	art	Feature	Closed	Introduce context system.	Marc Paterno	06/05/2018 03:26 PM
15385	art	Feature	Closed	Introduce context classes	Marc Paterno	06/05/2018 03:25 PM
15386	art	Feature	Closed	Add basic level of setting context information	Marc Paterno	06/05/2018 03:26 PM
15387	art	Feature	Accepted	Put context information into messagefacility messages	Marc Paterno	05/18/2018 02:57 PM

#	Project	Tracker	Status	Subject	Author	Updated
15388	art	Feature	Accepted	Put context information into exceptions in the places where framework code intercepts them	Marc Paterno	05/18/2018 02:58 PM
15389	art	Feature	Closed	Get "legacy" modules running using TBB tasks.	Marc Paterno	06/05/2018 03:26 PM
15390	art	Feature	Closed	Introduce "one" modules	Marc Paterno	06/05/2018 03:54 PM
15391	art	Feature	Closed	Introduce "global" modules	Marc Paterno	06/05/2018 03:55 PM
15392	art	Feature	Closed	Introduce "stream" modules	Marc Paterno	06/05/2018 03:55 PM
15393	art	Feature	Accepted	Make available the CMS static analysis tools	Marc Paterno	02/06/2017 11:19 AM
15394	art	Feature	Accepted	Make cetbuiltools run the static analysis tools	Marc Paterno	02/06/2017 11:19 AM
15618	art	Idea	Accepted	Support for reading secondary input files in a special scenario	Rob Kutschke	03/13/2017 02:15 PM
15665	art	Bug	Closed	gPad->WaitForPrimitive does not work in v6_08_04c	Rob Kutschke	02/28/2017 01:17 PM
15785	art	Feature	Accepted	Provide hints for "obvious" typo's in FHiCL parameter names	Rob Kutschke	03/13/2017 11:37 AM
15894	art	Feature	Under Discussion	Support RangeSet calculation and use per-schedule and across schedules	Kyle Knoepfel	05/18/2018 02:55 PM
16042	art	Bug	Closed	exception in art v2	Pavel Murat	04/26/2017 11:21 AM
16126	art	Feature	Accepted	Update Allinea Wiki Page With More Useful Documentation	Brian Rebel	12/03/2019 12:41 PM
16249	art	Bug	Accepted	building art on minsky.fnal.gv	Lynn Garren	04/26/2017 11:34 AM
16342	art	Feature	Accepted	Facility to convert fhicl::ParameterSets from art/ROOT file to Python dictionary	Kyle Knoepfel	05/01/2017 11:51 AM
16354	art	Feature	Accepted	Check that duplicate events are not processed for an art job	Kyle Knoepfel	05/01/2017 11:55 AM
16678	art	Bug	Closed	segfault running FileDumperOutput on older file with missing dictionaries.	Christopher Green	10/18/2017 01:47 PM
16706	art	Feature	Accepted	Request additional output from EventIDFilter	Rob Kutschke	12/03/2019 12:41 PM
17056	art	Feature	Assigned	Add art command line option -fpe to turn on floating point exceptions by default.	Herbert Greenlee	12/03/2019 12:41 PM
17084	art	Necessary Maintenance	Accepted	Documentation of messagefacility on Redmine wiki is very outdated	Gianluca Petrillo	07/05/2017 11:56 AM
17098	art	Feature	Assigned	Support the retrieval of a data product from a product ID in gallery::Event	Gianluca Petrillo	12/03/2019 12:41 PM
17407	art	Feature	Accepted	Configuration description of module	Gianluca Petrillo	09/17/2019 02:16 PM
17634	art	Feature	Closed	Consider variants of FindMany and friends that perform lookup by Ptr	Christopher Backhouse	01/02/2018 01:14 PM
17752	art	Support	Closed	art 2.8.3 generating a bus error under GDB (SLF6)	Gianluca Petrillo	10/02/2017 11:53 AM
18159	art	Feature	Closed	Another request for FileDumperOutput ...	Rob Kutschke	08/20/2018 09:57 AM
18305	art	Bug	Remission	TimeTracker database output option sometimes causes exception	David Brown	12/06/2017 10:00 AM
18376	art	Support	Closed	Output file name length limit.	Herbert Greenlee	11/27/2017 12:17 PM
18628	art	Feature	Feedback	expand Results concept	Raymond Culbertson	01/25/2018 09:30 AM
18923	art	Feature	Closed	Printout option of Memory Tracker service	Liang Li	06/06/2018 08:32 AM

#	Project	Tracker	Status	Subject	Author	Updated
18942	art	Idea	Feedback	Possible way around SIP and allowing use of DYLD_LIBRARY_PATH on macOS?	Ben Morgan	05/21/2018 05:41 AM
18971	art	Support	Closed	Products of type "sumdata::RunData" cannot be aggregated.	Will Foreman	02/12/2018 11:29 AM
18973	art	Feature	Accepted	Update cetskelgen to use fhicl validation	Giuseppe Cerati	02/12/2018 12:22 PM
19010	art	Necessary Maintenance	Accepted	Producer for testing backwards compatibility	Kyle Knoepfel	02/19/2018 11:26 AM
19011	art	Necessary Maintenance	Accepted	Analyzer for testing backwards compatibility	Kyle Knoepfel	02/19/2018 11:26 AM
19012	art	Necessary Maintenance	Accepted	Implement testing procedure for ensuring backwards compatibility	Kyle Knoepfel	02/19/2018 11:26 AM
19013	art	Necessary Maintenance	Accepted	Implement tests for ensuring backwards compatibility	Kyle Knoepfel	02/19/2018 11:26 AM
19306	art	Feature	Accepted	create Ptr to product	Raymond Culbertson	03/12/2018 11:47 AM
19599	art	Support	Feedback	art job influenced by random files	Andrei Gaponenko	09/02/2020 09:11 AM
19846	art	Support	Work in progress	Issues with events coming from different art histories in artdaq	Eric Flumerfelt	05/14/2018 10:21 AM
19890	art	Bug	Closed	art requires dictionary for non-persistent product	Raymond Culbertson	01/31/2019 02:06 PM
19972	art	Feature	Closed	configuring producing service	Raymond Culbertson	06/06/2018 08:26 AM
19994	art	Feature	Accepted	art multi-threading phase 2	Kyle Knoepfel	05/21/2018 10:33 AM
20772	art	Feature	Under Discussion	Inherit Configuration from Provenance	Alexander Himmel	09/08/2018 04:55 PM
20842	art	Support	Closed	Install ROOT 6.14 and gcc-8.2.0 as a UPS product	Nikolai Mokhov	01/23/2019 01:18 PM
20849	art	Support	Closed	safety in art::DataViewImpl::getPointerByLabel(InputTag const& tag)	Pavel Murat	11/08/2018 02:46 PM
21412	art	Feature	Accepted	Enable product-mixing to read from multiple secondary input files per primary event	Kyle Knoepfel	11/20/2018 01:57 PM
21846	art	Support	Closed	Do nothing job has VmHWM = 3.6 GB	Rob Kutschke	02/11/2019 11:29 AM
21964	art	Bug	Accepted	Misleading output in case of exceptions	Giuseppe Cerati	02/25/2019 10:25 AM
22225	art	Feature	Under Discussion	Request to add a file index offset to PostCloseFileRenamer	Kurt Biery	05/17/2019 11:45 AM
22357	art	Feature	Accepted	Allow a placeholder for main FHiCL configuration name in output files (RootOutput, TFileService)	Gianluca Petrillo	04/15/2019 10:26 AM
22776	art	Feature	Closed	More helpful error message when a module isn't found in the modules list of "prune_configuration.cc".	Jason Stock	06/20/2019 08:30 AM
23582	art	Feature	Under Discussion	Allow source modules to use random number engines from the RandomNumberGenerator service.	Rob Kutschke	11/13/2019 08:21 AM
23925	art	Feature	Under Discussion	Event resampling support	Andrei Gaponenko	02/03/2020 10:27 AM
24067	art	Support	Closed	Compilation error on OSX	Iker de Icaza Astiz	03/25/2020 03:36 PM

#	Project	Tracker	Status	Subject	Author	Updated
24709	art	Support	Work in progress	art should not hook the ROOT error mechanism (or should provide a way for users to opt-out)	Christopher Backhouse	08/17/2020 10:26 AM
24900	art	Support	Closed	NOvA transitioning Assn creation from art2 to art3	Brian Rebel	09/03/2020 02:51 PM
24920	art	Support	Closed	art "readFile" errors affecting MicroBooNE production jobs	Matthew Rosenberg	09/11/2020 09:09 AM
24925	art	Bug	Accepted	counter-intuitive behavior of the "drop on input"	Pavel Murat	09/08/2020 12:38 PM
25551	art	Feature	Under Discussion	art_root_io/RootDB actually belongs to canvas_root_io	Gianluca Petrillo	02/24/2021 09:31 AM
25578	art	Necessary Maintenance	Accepted	Make TFileDirectory::mkdir() const?	Gianluca Petrillo	03/08/2021 10:22 AM
artdaq (222)						
3186	artdaq	Feature	Resolved	Add fragment ID checking to some combination of RawEvent, EventStore, and builder.cc.	Kurt Biery	01/21/2021 02:22 PM
3887	artdaq	Bug	Closed	artdaq cannot currently be cloned onto a Mac.	Christopher Green	05/23/2016 10:11 AM
3889	artdaq	Bug	Closed	Queuing timeout and depth need to be configurable in event builder and aggregator.	Christopher Green	01/27/2018 12:17 PM
3890	artdaq	Bug	Closed	Some error conditions in RHandles merely write to stderr when they should throw.	Christopher Green	05/23/2016 09:57 AM
4083	artdaq	Bug	Closed	Need to verify signal masking in multi-thread applications	Christopher Green	01/27/2018 12:18 PM
4287	artdaq	Bug	Closed	art::Event timestamp	Alden Fan	05/23/2016 10:08 AM
5304	artdaq	Idea	Closed	Handle run-based and spill-based data	Kurt Biery	01/27/2018 12:20 PM
5330	artdaq	Feature	Rejected	Add timeouts to the execution of XMLRPC commands	Kurt Biery	03/21/2019 11:32 AM
5697	artdaq	Feature	Closed	Add a "which" argument to the CommandableFragmentGenerator report method	Kurt Biery	05/22/2017 12:03 PM
5943	artdaq	Support	Closed	Investigate gcc 4.8.1 optimizer issue in NetMonOutput_module	Kurt Biery	01/27/2018 12:21 PM
5958	artdaq	Feature	Closed	Add the ability to flag various conditions in a RawEvent	Kurt Biery	10/18/2019 02:50 PM
5959	artdaq	Feature	Closed	Make full use of the file renaming feature(s) in art	Kurt Biery	01/13/2017 04:45 PM
5961	artdaq	Idea	Closed	Coordinate the requested changes to art for an online environment	Kurt Biery	01/27/2018 12:25 PM
5971	artdaq	Support	New	Incorporate control of the Linux system fsync calls into the system	Kurt Biery	01/13/2017 04:40 PM
5974	artdaq	Feature	Rejected	Improve the robustness of the automatic pause & resume mechanism	Kurt Biery	01/13/2017 04:46 PM
5980	artdaq	Bug	New	The Aggregator runs slower when event grouping is enabled	Kurt Biery	01/13/2017 04:37 PM
5981	artdaq	Idea	Closed	Provide general-purpose Run Control functionality	Kurt Biery	05/22/2017 12:04 PM
5982	artdaq	Idea	Closed	Provide general-purpose configuration management tools and infrastructure	Kurt Biery	01/13/2017 04:35 PM
5983	artdaq	Idea	Closed	Provide centralized message logging	Kurt Biery	05/23/2016 10:23 AM
5984	artdaq	Feature	New	Implement the "report" functionality infrastructure	Kurt Biery	01/13/2017 04:35 PM
5985	artdaq	Idea	Rejected	Redesign the model that is used to provide events to online monitoring	Kurt Biery	01/13/2017 04:46 PM

#	Project	Tracker	Status	Subject	Author	Updated
5986	artdaq	Idea	Closed	Investigate whether we can support graceful loss of a small number of EventBuilders	Kurt Biery	03/21/2019 11:34 AM
5987	artdaq	Feature	New	Provide a way to determine the allowed transitions from the state machine dynamically	Kurt Biery	01/13/2017 04:33 PM
5988	artdaq	Idea	Closed	Provide sample run history tracking	Kurt Biery	01/13/2017 04:33 PM
5989	artdaq	Idea	New	Remote monitoring and control recommendations	Kurt Biery	01/13/2017 04:32 PM
5999	artdaq	Idea	New	Investigate the possibility of running compression, etc. in a BoardReader	Kurt Biery	01/13/2017 04:15 PM
6000	artdaq	Idea	Rejected	Port the BoardReader code to the RCE	Kurt Biery	10/18/2019 02:55 PM
6033	artdaq	Feature	Rejected	Convert to using Ron's shared memory code between the two Aggregators	Kurt Biery	01/13/2017 04:46 PM
6093	artdaq	Idea	Closed	Document our recommendations for versioning of overlays, etc.	Kurt Biery	01/27/2018 12:29 PM
6463	artdaq	Feature	New	Investigate whether FragmentGenerator state change methods should return a status code	Kurt Biery	01/13/2017 04:13 PM
6782	artdaq	Idea	Closed	[LBNE, Mu2e] Investigate ways to provide a two-stage artdaq system	Kurt Biery	10/18/2019 02:56 PM
6783	artdaq	Feature	Closed	[LBNE] Add timestamps to Init, Start, Stop, Pause, and Resume commands	Kurt Biery	04/15/2015 12:38 PM

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