

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) | | | | | | |
| 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 |
| 14368 | ACNET Service | Bug | Closed | acnetd is frequently reporting QUEUE_FULL on idle clients | Richard Neswold | 11/03/2016 10:44 AM |
| AD Controls Department (5) | | | | | | |
| 24157 | AD Controls Department | Idea | New | Time Series Database | Beau Harrison | 03/09/2020 04:58 PM |
| 24153 | AD Controls Department | Idea | New | Device Scaling Transforms Audit | Beau Harrison | 03/09/2020 12:30 PM |
| 24152 | AD Controls Department | Feature | New | Conditional Alarm States | Beau Harrison | 03/09/2020 10:24 AM |
| 24156 | AD Controls Department | Bug | New | Bursts of State Changes | Beau Harrison | 03/09/2020 04:55 PM |
| 20111 | AD Controls Department | Feature | Work in progress | Add clock type to event specification | Richard Neswold | 06/07/2018 10:44 AM |
| AD ESH Department, Interlocks Group (9) | | | | | | |
| 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 |
| 21852 | AD ESH Department, Interlocks Group | Feature | New | SVG to ApeMan | Beau Harrison | 02/06/2019 09:55 AM |
| 21836 | AD ESH Department, Interlocks Group | Necessary Maintenance | New | Scientific Linux 6 End of Life | Beau Harrison | 02/05/2019 08:26 AM |
| 21842 | AD ESH Department, Interlocks Group | Feature | New | RS-485 Protocol | Beau Harrison | 02/06/2019 10:03 AM |
| 21838 | AD ESH Department, Interlocks Group | Idea | New | Remove Shared Memory Model | Beau Harrison | 02/05/2019 08:34 AM |
| 21853 | AD ESH Department, Interlocks Group | Feature | New | OPC-UA Client | Beau Harrison | 02/06/2019 10:03 AM |
| 21841 | AD ESH Department, Interlocks Group | Necessary Maintenance | New | LEPR Upgrade | Beau Harrison | 02/05/2019 09:17 AM |
| 21837 | AD ESH Department, Interlocks Group | Feature | New | Failure Transparency | Beau Harrison | 02/05/2019 08:29 AM |
| adinstbpm (20) | | | | | | |

| # | Project | Tracker | Status | Subject | Author | Updated |
|-------|-----------|-----------|----------|--|--------------|---------------------|
| 18197 | adinstbpm | Bug | New | Why do soft reboots sometime hang? | John Diamond | 11/10/2017 10:14 AM |
| 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 |
| 20666 | adinstbpm | Task | New | TCLK-driven arm and TBT readout for IOTA | John Diamond | 08/22/2018 09:33 PM |
| 22556 | adinstbpm | Milestone | New | Support rack-mount server architecture | John Diamond | 06/14/2019 02:11 PM |
| 20665 | adinstbpm | Task | New | Support multiple sets of coefficients for 2-D fits | John Diamond | 08/22/2018 08:51 PM |
| 18435 | adinstbpm | Milestone | New | Support for GigE ADCs | John Diamond | 11/30/2017 09:35 AM |
| 17746 | adinstbpm | Bug | Rejected | Segfault every other time Acsys is restart | John Diamond | 10/18/2017 08:19 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 |
| 18047 | adinstbpm | Task | New | Refactor bpmcli 'help' command to be a CLICCommand | John Diamond | 10/26/2017 04:24 PM |
| 18046 | adinstbpm | Task | New | Refactor bpmcli 'dump_flash_history' command to be a CLICCommand | John Diamond | 10/26/2017 04:23 PM |
| 22493 | adinstbpm | Milestone | New | PIP2IT BPM Project | John Diamond | 12/10/2019 08:00 AM |
| 20350 | adinstbpm | Milestone | New | IOTA BPM deployment | John Diamond | 10/17/2018 10:57 AM |
| 23736 | adinstbpm | Milestone | Closed | IOTA ACNET Interface Change Requests Dec 2019 | John Diamond | 04/08/2020 12:39 PM |
| 19607 | adinstbpm | Milestone | New | IOTA ACNET Interface | John Diamond | 10/17/2018 10:57 AM |
| 20355 | adinstbpm | Milestone | New | Deploy IOTA BPM hardware | John Diamond | 08/22/2018 09:28 PM |
| 20551 | adinstbpm | Task | New | BPM-level delay configuration | John Diamond | 08/07/2018 02:38 PM |
| 19850 | adinstbpm | Milestone | New | BPM Diagnostics Application | John Diamond | 05/02/2018 09:28 AM |
| 20682 | adinstbpm | Task | New | bpm.d.config for BBPL15 | John Diamond | 08/26/2018 02:41 PM |
| 20681 | adinstbpm | Task | New | bpm.d.conf for BBPL15 | John Diamond | 08/26/2018 02:41 PM |
| 17719 | adinstbpm | Milestone | New | Booster operational test of one crate alongside existing BPM system | John Diamond | 12/29/2017 11:08 AM |

ADMIN (3)

| | | | | | | |
|-------|-------|---------|--------|---|----------------|---------------------|
| 10921 | ADMIN | Support | New | ND DCS, DAQ, and Timing web pages all run on nusoft space | Alec Habig | 11/12/2015 01:16 PM |
| 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 |

AdministrationOfCloudServices (29)

| | | | | | | |
|-------|-------------------------------|---------|--------|---|-------------|---------------------|
| 12135 | AdministrationOfCloudServices | Bug | Closed | why does step2 fail sometimes | Steven Timm | 05/09/2018 09:29 PM |
| 12127 | AdministrationOfCloudServices | Feature | Closed | Unit test on completed AMI | Steven Timm | 05/09/2018 09:33 PM |
| 12122 | AdministrationOfCloudServices | Task | Closed | Unified Route 53 address across all AWS? | Steven Timm | 05/09/2018 09:35 PM |
| 12134 | AdministrationOfCloudServices | Task | Closed | Test. D. Dykstra work with VPC endpoints | Steven Timm | 05/09/2018 09:30 PM |
| 12123 | AdministrationOfCloudServices | Task | Closed | squid servers: tune ELB scale up / scale down levels | Steven Timm | 05/09/2018 09:34 PM |
| 12116 | AdministrationOfCloudServices | Task | Closed | Squid server configuration doesn't match partition size | Steven Timm | 05/09/2018 09:37 PM |

| # | Project | Tracker | Status | Subject | Author | Updated |
|-------|-------------------------------|---------|--------|---|-------------|---------------------|
| 12129 | AdministrationOfCloudServices | Task | Closed | See if HTCondor can override storage on existing AMI's | Steven Timm | 05/09/2018 09:32 PM |
| 12118 | AdministrationOfCloudServices | Task | Closed | Script the process of reconfiguring default SG | Steven Timm | 05/09/2018 09:36 PM |
| 12126 | AdministrationOfCloudServices | Feature | Closed | script cleanup of old AMI's | Steven Timm | 05/09/2018 09:33 PM |
| 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 |
| 12581 | AdministrationOfCloudServices | Task | Closed | Need to automate AWS key rotation | Steven Timm | 12/01/2017 04:38 PM |
| 12132 | AdministrationOfCloudServices | Task | Closed | Move current imaging processes to run on bare metal machines | Steven Timm | 05/09/2018 09:31 PM |
| 14029 | AdministrationOfCloudServices | Task | Closed | Monitoring: Make a Google Gratia probe | Steven Timm | 05/09/2018 09:20 PM |
| 12117 | AdministrationOfCloudServices | Task | Closed | Make a script to create the Squid-SG security group | Steven Timm | 05/09/2018 09:37 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 |
| 12568 | AdministrationOfCloudServices | Task | Closed | Investigate why we make 2 snapshots | Steven Timm | 05/09/2018 09:29 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 |
| 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 |
| 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 |
| 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 |
| 12130 | AdministrationOfCloudServices | Task | Closed | Disable auto-yum updates in AWS images | Steven Timm | 05/09/2018 09:31 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 |
| 12115 | AdministrationOfCloudServices | Task | Closed | Complete testing of D. Dykstra ELB-free squid | Steven Timm | 05/09/2018 09:38 PM |
| 12133 | AdministrationOfCloudServices | Task | Closed | Clean crud out of step1 image (fefimage-slf6-base) | Steven Timm | 05/09/2018 09:30 PM |
| 14045 | AdministrationOfCloudServices | Task | Closed | Can decision engine condor_off -peaceful glideins in hot (expensive zones) | Steven Timm | 05/09/2018 09:18 PM |
| 12125 | AdministrationOfCloudServices | Feature | Closed | Add version tracking and change log | 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 |

Aged Password Detector (1)

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|-----|------------------------|-----|-----|---------------------------------------|-------------|---------------------|
| 359 | Aged Password Detector | Bug | New | Accommodate new Password_overdue view | Randy Reitz | 03/15/2010 01:24 PM |
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AI-for-Accelerators (39)

| | | | | | | |
|-------|---------------------|------|-----|---|----------------|---------------------|
| 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 |
|-------|---------------------|------|-----|---|----------------|---------------------|

| # | Project | Tracker | Status | Subject | Author | Updated |
|-------|---------------------|-----------|--------|---|----------------|---------------------|
| 22841 | AI-for-Accelerators | Task | New | Understand input bandwidth requirements | Gabriel Perdue | 06/28/2019 04:39 PM |
| 22943 | AI-for-Accelerators | Task | New | Training mechanism validation | Gabriel Perdue | 07/15/2019 04:20 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 |
| 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 |
| 22840 | AI-for-Accelerators | Task | New | Test full workflow with boards on-hand | Gabriel Perdue | 06/28/2019 04:38 PM |
| 22839 | AI-for-Accelerators | Milestone | New | Test algorithm implementation on hardware with hls4ml | Gabriel Perdue | 06/28/2019 04:40 PM |
| 22792 | AI-for-Accelerators | Task | New | Set up long-term storage mechanism for data products | Gabriel Perdue | 06/20/2019 04:44 PM |
| 22921 | AI-for-Accelerators | Task | New | Refine long-term storage estimates | 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 |
| 22948 | AI-for-Accelerators | Milestone | New | Project finalization | Gabriel Perdue | 07/15/2019 04:23 PM |
| 22947 | AI-for-Accelerators | Milestone | New | Project extension exploration, part 1 | Gabriel Perdue | 07/15/2019 04:22 PM |
| 22801 | AI-for-Accelerators | Task | New | Investigate TF-Agents, home-brew systems | Gabriel Perdue | 06/21/2019 11:43 AM |
| 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 |
| 22942 | AI-for-Accelerators | Milestone | New | Historical agent | Gabriel Perdue | 07/15/2019 04:19 PM |
| 22922 | AI-for-Accelerators | Milestone | New | Hall work part 1 | Gabriel Perdue | 07/11/2019 01:42 PM |
| 22790 | AI-for-Accelerators | Feature | New | Full current set data readout and storage | Gabriel Perdue | 06/20/2019 04:41 PM |
| 22937 | AI-for-Accelerators | Task | New | Finalize long-term storage estimates and required storage horizons | Gabriel Perdue | 07/12/2019 03:20 PM |
| 22936 | AI-for-Accelerators | Task | New | Finalize list of required devices and catalogers | Gabriel Perdue | 07/12/2019 03:19 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 |
| 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 |
| 22794 | AI-for-Accelerators | Feature | New | Develop solution for querying stored data | Gabriel Perdue | 06/20/2019 04:45 PM |
| 22830 | AI-for-Accelerators | Task | New | Develop research plan for safe agent behavior | Gabriel Perdue | 06/27/2019 04:22 PM |
| 22842 | AI-for-Accelerators | Task | New | Design ACNET input system for the board | Gabriel Perdue | 06/28/2019 04:39 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 |
| 22935 | AI-for-Accelerators | Task | New | Data products, part 3 | Gabriel Perdue | 07/12/2019 03:19 PM |
| 22918 | AI-for-Accelerators | Feature | New | Data products, part 2 | Gabriel Perdue | 07/11/2019 01:40 PM |

| # | Project | Tracker | Status | Subject | Author | Updated |
|-------|---------------------|-----------|--------|---|----------------|---------------------|
| 22787 | AI-for-Accelerators | Milestone | New | Data Products, Part 1 | Gabriel Perdue | 06/20/2019 04:44 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 |
| 22799 | AI-for-Accelerators | Feature | New | Build offline training system | Gabriel Perdue | 06/21/2019 11:44 AM |
| 22833 | AI-for-Accelerators | Feature | New | Build a "kick-started" candidate agent | Gabriel Perdue | 06/27/2019 04:25 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 |
| 22800 | AI-for-Accelerators | Feature | New | Build a framework for agent deployment | 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 1 | Gabriel Perdue | 06/27/2019 04:25 PM |
| 22932 | AI-for-Accelerators | Milestone | New | Algorithm development, part 2 | Gabriel Perdue | 07/12/2019 03:18 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)

| | | | | | | |
|-------|-------|-----------------------|-----|--------------|-------------|---------------------|
| 24080 | ANNIE | Necessary Maintenance | New | BNB Downtime | Emrah Tiras | 02/21/2020 11:05 AM |
| 24079 | ANNIE | Necessary Maintenance | New | BNB Downtime | Emrah Tiras | 02/21/2020 10:57 AM |

ANNIE1-Assembly (21)

| | | | | | | |
|-------|-----------------|-----------|-----|---|------------------|---------------------|
| 8577 | ANNIE1-Assembly | Task | New | Water fill | Matthew Wetstein | 01/25/2018 07:11 AM |
| 11079 | ANNIE1-Assembly | Task | New | Spot testing of PMTs | Matthew Wetstein | 04/06/2016 11:05 PM |
| 11089 | ANNIE1-Assembly | Task | New | Set up water skid and recirculation system | Matthew Wetstein | 01/25/2018 07:20 AM |
| 11096 | ANNIE1-Assembly | Milestone | New | Prelim ORC inspection | Matthew Wetstein | 04/06/2016 11:12 PM |
| 11081 | ANNIE1-Assembly | Task | New | Practice lower inner structure into tank | Matthew Wetstein | 04/06/2016 11:06 PM |
| 11095 | ANNIE1-Assembly | Task | New | Populate Crates in Hall | Matthew Wetstein | 04/06/2016 11:06 PM |
| 11090 | ANNIE1-Assembly | Task | New | PMT cabling and shipping | Matthew Wetstein | 04/06/2016 11:05 PM |
| 11085 | ANNIE1-Assembly | Milestone | New | NCV shipped to FNAL | Matthew Wetstein | 04/06/2016 11:08 PM |
| 11093 | ANNIE1-Assembly | Task | New | Modify top of tank, add round offs | Matthew Wetstein | 01/12/2016 02:36 PM |
| 11083 | ANNIE1-Assembly | Milestone | New | Lower inner structure into tank at ANNIE Hall | Matthew Wetstein | 04/06/2016 11:11 PM |
| 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 |
| 11099 | ANNIE1-Assembly | Task | New | Installation of Forward Veto Cabling | Matthew Wetstein | 04/06/2016 11:07 PM |
| 11097 | ANNIE1-Assembly | Bug | New | Finalize crates and racks | Matthew Wetstein | 04/06/2016 11:11 PM |
| 11078 | ANNIE1-Assembly | Task | New | Development of PMT installation procedure | Matthew Wetstein | 04/06/2016 11:05 PM |

| # | Project | Tracker | Status | Subject | Author | Updated |
|-------|-----------------|-----------|--------|--|------------------|---------------------|
| 11094 | ANNIE1-Assembly | Milestone | New | Cut top of tank | Matthew Wetstein | 12/06/2015 12:08 PM |
| 11084 | ANNIE1-Assembly | Task | New | Construction of NCV | Matthew Wetstein | 04/06/2016 11:07 PM |
| 11080 | ANNIE1-Assembly | Task | New | Construction of Inner Structure | Matthew Wetstein | 01/12/2016 02:29 AM |
| 11086 | ANNIE1-Assembly | Milestone | New | Cabling of the installed tank | Matthew Wetstein | 04/06/2016 11:08 PM |
| 8576 | ANNIE1-Assembly | Task | New | Assembly and installation of PMT modules | 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 |

ANNIE1-Commissioning (6)

| | | | | | | |
|-------|----------------------|-----------|-----|---|------------------|---------------------|
| 8636 | ANNIE1-Commissioning | Task | New | Installation and commissioning of NCV | Matthew Wetstein | 01/25/2018 07:11 AM |
| 11098 | ANNIE1-Commissioning | Milestone | New | Final ORC review | Matthew Wetstein | 01/25/2018 07:20 AM |
| 11088 | ANNIE1-Commissioning | Task | New | Detector commissioning with water | Matthew Wetstein | 01/25/2018 07:21 AM |
| 8600 | ANNIE1-Commissioning | Task | New | Dark commissioning of PMTs in ANNIE Hall (no water) | Matthew Wetstein | 01/25/2018 07:10 AM |
| 11087 | ANNIE1-Commissioning | Task | New | DAQ commissioning | Matthew Wetstein | 01/25/2018 07:10 AM |
| 8599 | ANNIE1-Commissioning | Task | New | Begin Run1 data taking | Matthew Wetstein | 01/25/2018 07:11 AM |

ANNIE1-electronics-design (12)

| | | | | | | |
|-------|---------------------------|-----------|--------|--|-------------------|---------------------|
| 8816 | ANNIE1-electronics-design | Milestone | New | What is our calibration system? | Matthew Wetstein | 01/25/2018 07:13 AM |
| 10512 | ANNIE1-electronics-design | Task | New | Test final pickoff/splitter | Jonathan Eisch | 04/06/2016 11:14 PM |
| 8907 | ANNIE1-electronics-design | Task | Closed | Ship PSEC eval card to QMUL | Matthew Wetstein | 10/09/2015 01:11 PM |
| 11348 | ANNIE1-electronics-design | Task | New | Postgress setup | Benjamin Richards | 01/05/2016 08:22 AM |
| 10469 | ANNIE1-electronics-design | Task | Closed | Order rack enclosure | Jonathan Eisch | 12/18/2015 02:43 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 |
| 8807 | ANNIE1-electronics-design | Task | Closed | Get FADCs from UChicago | Matthew Wetstein | 10/06/2015 01:45 PM |
| 8804 | ANNIE1-electronics-design | Task | Closed | Follow up with PREP on LeCroy 1440s | Matthew Wetstein | 10/09/2015 01:05 PM |
| 8815 | ANNIE1-electronics-design | Task | New | Final Decision on MRD and veto electronics | Matthew Wetstein | 04/06/2016 11:08 PM |
| 8912 | ANNIE1-electronics-design | Meeting | Closed | Discuss development of new Central card | Matthew Wetstein | 10/09/2015 01:14 PM |
| 11345 | ANNIE1-electronics-design | Task | New | DAQ Serialisation | Benjamin Richards | 01/05/2016 08:17 AM |
| 11349 | ANNIE1-electronics-design | Task | New | DAQ board reader TOOL | Benjamin Richards | 01/15/2016 08:05 AM |

ANNIE1-MCstudies (4)

| | | | | | | |
|------|------------------|------|-----|--|------------------|---------------------|
| 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 |
| 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 |

ANNIE1-mechanical-design (7)

| # | Project | Tracker | Status | Subject | Author | Updated |
|-------|--------------------------|-----------|--------|---|------------------|---------------------|
| 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 |
| 11092 | ANNIE1-mechanical-design | Task | New | Finish design of PMT holders | Matthew Wetstein | 01/22/2016 08:51 AM |
| 11076 | ANNIE1-mechanical-design | Task | New | Final decision on liner specs and estimate | Matthew Wetstein | 01/12/2016 02:33 AM |
| 8572 | ANNIE1-mechanical-design | Task | New | Fermilab approval for tank purchase | Matthew Wetstein | 06/09/2015 02:01 AM |
| 8855 | ANNIE1-mechanical-design | Milestone | New | Design of veto structure | Matthew Wetstein | 08/05/2015 11:55 PM |
| 8573 | ANNIE1-mechanical-design | Task | New | Approval to purchase tank, from IA State Purchasing | Matthew Wetstein | 05/27/2015 07:54 AM |

ANNIE1-MRD-design (4)

| | | | | | | |
|------|-------------------|------|-----|--|------------------|---------------------|
| 8618 | ANNIE1-MRD-design | Task | New | Sign over stewardship of the MRD steel | Matthew Wetstein | 06/05/2015 06:39 AM |
| 8617 | ANNIE1-MRD-design | Task | New | Follow up with NMSU about keeping the MRD Scintillator | Matthew Wetstein | 12/18/2015 09:22 AM |
| 8616 | ANNIE1-MRD-design | Task | New | Follow up on Fermilab PMTs/Scintillator | Matthew Wetstein | 06/09/2015 02:02 AM |
| 8615 | ANNIE1-MRD-design | Task | New | Arrange to get the Kansas/Syracuse PMTs and scintillator | Matthew Wetstein | 06/05/2015 06:42 AM |

ANNIE1-Planning (4)

| | | | | | | |
|------|-----------------|-----------|-----|---|------------------|---------------------|
| 8629 | ANNIE1-Planning | Meeting | New | Run 1 Mechanical Review | Matthew Wetstein | 01/22/2016 08:51 AM |
| 8575 | ANNIE1-Planning | Task | New | Contact Stephen Geer about June PAC meeting | Matthew Wetstein | 05/21/2015 10:07 AM |
| 8638 | ANNIE1-Planning | Milestone | New | Complete TSW for ANNIE experiment | Matthew Wetstein | 12/16/2015 11:56 PM |
| 8630 | ANNIE1-Planning | Meeting | New | ANNIE Run 1 Electronics Review | Matthew Wetstein | 05/06/2015 09:47 AM |

ANNIE1-Staging (6)

| | | | | | | |
|-------|----------------|-----------|-----|-----------------------------------|------------------|---------------------|
| 8571 | ANNIE1-Staging | Milestone | New | Tank Manufacture | Matthew Wetstein | 12/06/2015 11:38 AM |
| 11091 | ANNIE1-Staging | Milestone | New | Prototype PMT holder | Matthew Wetstein | 04/06/2016 11:10 PM |
| 8634 | ANNIE1-Staging | Task | New | Order materials for PMT structure | Matthew Wetstein | 04/06/2016 11:09 PM |
| 8633 | ANNIE1-Staging | Task | New | MRD + veto system testing | 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 |
| 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)

| | | | | | | |
|-------|-----------------|------|-----|-----------------------------------|------------------|---------------------|
| 18930 | ANNIE2-Assembly | Task | New | In situ calibration of MRD layers | Matthew Wetstein | 02/09/2018 09:07 AM |
| 18929 | ANNIE2-Assembly | Task | New | Functional test of new MRD layers | Matthew Wetstein | 02/09/2018 09:07 AM |
| 18928 | ANNIE2-Assembly | Task | New | Finish MRD Refurbishment | Matthew Wetstein | 02/09/2018 09:06 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 |
| 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 |
| 18934 | ANNIE2-electronics-design | Milestone | New | Final crate and rack maps | Matthew Wetstein | 02/09/2018 09:15 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) | | | | | | |
| 18933 | ANNIE2-electronics-readiness | Task | New | Firmware upgrades for KOTO boards (2 different trigger schemes) | Matthew Wetstein | 02/09/2018 09:13 AM |
| 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 |
| ANNIE2-mechanical-design (17) | | | | | | |
| 18564 | ANNIE2-mechanical-design | Task | New | Separate voltage regulators from ACDCs to separate board | Matthew Wetstein | 06/12/2018 09:20 AM |
| 18569 | ANNIE2-mechanical-design | Task | New | Revise Specification Doc. | Emrah Tiras | 06/12/2018 09:18 AM |
| 18939 | ANNIE2-mechanical-design | Milestone | New | Identify new tank liner | Matthew Wetstein | 06/13/2018 01:30 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 |
| 18941 | ANNIE2-mechanical-design | Milestone | New | Final Review of the Tank Lid design | Matthew Wetstein | 02/09/2018 09:48 AM |
| 18565 | ANNIE2-mechanical-design | Task | New | Final layout of new LAPPD housing | Matthew Wetstein | 06/12/2018 09:19 AM |
| 18570 | ANNIE2-mechanical-design | Task | New | Finalize experimental layout in the hall | Matthew Wetstein | 12/14/2017 01:39 PM |
| 18568 | ANNIE2-mechanical-design | Task | New | Finalize design of transparency calibration system | Matthew Wetstein | 12/14/2017 01:34 PM |
| 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 |
| 18571 | ANNIE2-mechanical-design | Task | New | Finalize design and layout of water system | Matthew Wetstein | 01/25/2018 07:40 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 |
| 18556 | ANNIE2-mechanical-design | Task | New | Design of the new tank lid | Matthew Wetstein | 01/25/2018 07:34 AM |
| 18572 | ANNIE2-mechanical-design | Task | New | Cleanliness and handling strategy | Emrah Tiras | 06/12/2018 09:20 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 |
|-------|---------|-----------------------|------------------|--|-------------------|---------------------|
| 7811 | art | Support | Closed | Would like event split and merge functionality in the readin module | Thomas Junk | 12/23/2015 09:05 AM |
| 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 |
| 13692 | art | Bug | Closed | Web page for gallery v1_03_06 download has an error | Marc Paterno | 08/26/2016 09:51 AM |
| 3119 | art | Bug | Closed | Version 1.02.05 (and develop) have a circular dependency. | Christopher Green | 08/09/2013 11:34 AM |
| 3925 | art | Feature | Closed | ValidHandle::id() | Andrei Gaponenko | 05/24/2013 02:28 PM |
| 7029 | art | Feature | Accepted | Use one consistent unit test framework for Art | Ben Morgan | 10/23/2017 12:12 PM |
| 2751 | art | Feature | Closed | Use of ART-service in standalone scripts, not depending on ART | Denis Perevalov | 08/24/2012 11:59 AM |
| 13610 | art | Feature | Assigned | Update schema evolution wiki page | Marc Paterno | 12/03/2019 12:41 PM |
| 18973 | art | Feature | Accepted | Update cetskelgen to use fhicl validation | Giuseppe Cerati | 02/12/2018 12:22 PM |
| 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 |
| 16126 | art | Feature | Accepted | Update Allinea Wiki Page With More Useful Documentation | Brian Rebel | 12/03/2019 12:41 PM |
| 1197 | art | Necessary Maintenance | Accepted | Unit / regression tests for RootInput random access. | Christopher Green | 10/23/2017 12:12 PM |
| 11634 | art | Bug | Remission | Unexpected message from ROOT | Rob Kutschke | 02/08/2016 11:21 AM |
| 10544 | art | Bug | Closed | Unexpected error when trying to run MCShower maker | Jonathan Asaadi | 12/17/2015 01:42 PM |
| 8426 | art | Feature | Accepted | Understand gradual memory growth and determine if it can be mitigated | Kyle Knoepfel | 04/27/2015 11:46 AM |
| 2701 | art | Feature | Closed | turn off exception catching | Herbert Greenlee | 08/24/2012 12:14 PM |
| 11026 | art | Feature | Accepted | Tuple product support | Jim Kowalkowski | 04/23/2018 10:51 AM |
| 18305 | art | Bug | Remission | TimeTracker database output option sometimes causes exception | David Brown | 12/06/2017 10:00 AM |
| 1918 | art | Feature | Accepted | Thinking ahead to event mixing and art::Ptr to run product | Rob Kutschke | 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 |
| 956 | art | Feature | Accepted | Testing of signal emission is needed | Marc Paterno | 10/23/2017 12:12 PM |
| 8178 | art | Necessary Maintenance | Accepted | Testing of drop on input needs improvement | Marc Paterno | 10/23/2017 12:12 PM |
| 10386 | art | Bug | Rejected | Tentative bug report: Using cetbuildtools v4_12_6 , cmake stage fails.. | Paul Lebrun | 10/05/2015 10:03 AM |
| 3188 | art | Feature | Rejected | Support the routing of corrupt RawEvents to different disk files | Kurt Biery | 12/18/2012 09:25 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 |
| 15169 | art | Idea | Accepted | Support splitting data products by schema evolution | Gianluca Petrillo | 01/23/2017 11:20 AM |
| 15894 | art | Feature | Under Discussion | Support RangeSet calculation and use per-schedule and across schedules | Kyle Knoepfel | 05/18/2018 02:55 PM |
| 15618 | art | Idea | Accepted | Support for reading secondary input files in a special scenario | Rob Kutschke | 03/13/2017 02:15 PM |
| 8846 | art | Feature | Accepted | Support for handling branch aliases | Marc Paterno | 04/23/2018 10:51 AM |

| # | Project | Tracker | Status | Subject | Author | Updated |
|-------|---------|-----------------------|----------|---|-----------------------|---------------------|
| 5775 | art | Feature | Feedback | Support for arbitrary, random-file access | Nathaniel Tagg | 10/23/2017 12:12 PM |
| 11156 | art | Feature | Accepted | Suggestions to update the fhicl documentation | Rob Kutschke | 12/21/2015 11:21 AM |
| 13852 | art | Feature | Closed | Stop event loop dynamically end exit with status 0 | Pengfei Ding | 02/16/2018 12:32 PM |
| 1057 | art | Bug | Rejected | Specifying maximum output file size does not work | Brian Rebel | 07/25/2013 12:13 PM |
| 14889 | art | Support | Closed | Source module documentation | Robert Sulej | 01/09/2017 11:59 AM |
| 13274 | art | Bug | Accepted | Some dead links in art wiki: ROOT schema evolution | Gianluca Petrillo | 07/18/2016 11:24 AM |
| 1316 | art | Feature | Feedback | Snapshot histogram file | Mark Messier | 10/23/2017 12:12 PM |
| 13624 | art | Support | Closed | Slow reading of a MicroBooNE highly filtered event file | Bruce Baller | 10/03/2016 12:17 PM |
| 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 |
| 899 | art | Feature | Rejected | Should module_label continue to be injected into each module? | Christopher Green | 06/26/2012 01:34 PM |
| 945 | art | Feature | Rejected | Set up LXR browser for all projects. | Christopher Green | 12/09/2011 03:09 PM |
| 11152 | art | Support | Closed | services.scheduler.errorOnFailureToPut should default to true | John Freeman | 12/16/2015 10:27 AM |
| 3321 | art | Bug | Rejected | Services do not call preBeginRun, endJob etc... | Denis Perevalov | 01/18/2013 11:09 AM |
| 7177 | art | Feature | Accepted | service and module testing utilities | Lynn Garren | 10/23/2017 12:12 PM |
| 11118 | art | Feature | Closed | SelectEvents setting should respect filters by default | Christopher Backhouse | 08/29/2016 12:08 PM |
| 8699 | art | Feature | Closed | Segregate use of Reflex | Marc Paterno | 12/17/2015 01:31 PM |
| 16678 | art | Bug | Closed | segfault running FileDumperOutput on older file with missing dictionaries. | Christopher Green | 10/18/2017 01:47 PM |
| 2463 | art | Feature | Closed | Seeding the random engines inside the MixFilter templates | Rob Kutschke | 03/02/2012 11:32 AM |
| 10554 | art | Feature | Closed | Save TimeTracker DB to output art-ROOT file or TFileService file. | Dominick Rocco | 08/29/2016 11:52 AM |
| 7081 | art | Feature | Assigned | SAM Process ID in metadata | Dominick Rocco | 12/03/2019 12:41 PM |
| 20849 | art | Support | Closed | safety in art::DataViewImpl::getPointerByLabel(InputTag const& tag) | Pavel Murat | 11/08/2018 02:46 PM |
| 1000 | art | Feature | Assigned | Run/event range | Eric Church | 12/03/2019 12:41 PM |
| 7351 | art | Bug | Closed | root gui bug in v1_12_00 | Herbert Greenlee | 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 |
| 895 | art | Feature | Rejected | Revise ROOT-based I/O to incorporate improvements in CMS code base | Christopher Green | 12/09/2011 11:46 AM |
| 908 | art | Necessary Maintenance | Accepted | Review structure, code and other aspects of cpp0x and cetlib | Christopher Green | 10/23/2017 12:12 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 |
| 913 | art | Idea | Rejected | Review naming conventions in messagefacility. | Christopher Green | 12/09/2011 02:49 PM |
| 890 | art | Feature | Closed | Review linking of shared libraries. | Christopher Green | 07/24/2013 04:01 PM |
| 907 | art | Necessary Maintenance | Accepted | Review and rationalize use of exceptions across art. | Christopher Green | 10/23/2017 12:12 PM |

| # | Project | Tracker | Status | Subject | Author | Updated |
|-------|---------|-----------------------|------------------|---|-----------------------|---------------------|
| 946 | art | Necessary Maintenance | Accepted | Review and provide precise definitions of each signal watchpoint. | Christopher Green | 10/23/2017 12:12 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 |
| 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 |
| 10545 | art | Support | Closed | Returning false from EDFilter::beginSubRun() does not skip the events | Christopher Backhouse | 12/02/2015 10:50 AM |
| 2943 | art | Feature | Feedback | ResourceWatch utility | Rob Kutschke | 10/23/2017 12:12 PM |
| 22225 | art | Feature | Under Discussion | Request to add a file index offset to PostCloseFileRenamer | Kurt Biery | 05/17/2019 11:45 AM |
| 7818 | art | Feature | Closed | Request that ProductNotFound rethrow by default | Rob Kutschke | 10/18/2017 03:00 PM |
| 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 |
| 2445 | art | Feature | Closed | Request improved error message | Rob Kutschke | 10/07/2015 02:00 PM |
| 3077 | art | Feature | Rejected | Request comparison functions for art::Ptr | Rob Kutschke | 11/02/2012 11:39 AM |
| 13050 | art | Feature | Accepted | Request a new variant of T* TFileDirectory::makeAndRegister<T> | Rob Kutschke | 06/27/2016 12:17 PM |
| 16706 | art | Feature | Accepted | Request additional output from EventIDFilter | Rob Kutschke | 12/03/2019 12:41 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 |
| 921 | art | Feature | Rejected | Replace Worker, WorkerT and friends with something with better consistency / problem detection. | Christopher Green | 12/09/2011 03:03 PM |
| 8698 | art | Feature | Closed | Remove use of Reflex | Marc Paterno | 12/17/2015 01:31 PM |
| 11107 | art | Support | Closed | Release art 1.18.02 | Kyle Knoepfel | 12/14/2015 11:30 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 |
| 1246 | art | Feature | Accepted | Reco on demand not finding products in the file | Rob Kutschke | 10/23/2017 12:12 PM |
| 4187 | art | Feature | Accepted | Reading in metadata from input files | Adam Aurisano | 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 |
| 1062 | art | Feature | Rejected | Quick reference guide for documentation site | Brian Rebel | 07/25/2013 01:47 PM |
| 2325 | art | Feature | Rejected | query disk size for data objects | Andrei Gaponenko | 02/07/2012 01:08 PM |
| 15387 | art | Feature | Accepted | Put context information into messagefacility messages | Marc Paterno | 05/18/2018 02:57 PM |
| 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 |
| 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 |

| # | Project | Tracker | Status | Subject | Author | Updated |
|-------|---------|-----------------------|----------|--|-----------------------|---------------------|
| 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 |
| 3068 | art | Feature | Accepted | PtrVectorBase custom streamer could be made more efficient. | Christopher Green | 10/23/2017 12:12 PM |
| 10969 | art | Feature | Closed | Provide VERSION macro exports | Eric Flumerfelt | 08/29/2016 12:07 PM |
| 6387 | art | Feature | Feedback | Provide versioning API in art_Framework_Core instead of art_Version | Ben Morgan | 10/23/2017 12:12 PM |
| 4907 | art | Feature | Feedback | Provide Run::isRealData() and SubRun::isRealData() | Christopher Backhouse | 10/23/2017 12:12 PM |
| 15785 | art | Feature | Accepted | Provide hints for "obvious" typo's in FHICL parameter names | Rob Kutschke | 03/13/2017 11:37 AM |
| 3768 | art | Feature | Closed | Provide command line override for EmptyEvent module parameter firstEvent. | Herbert Greenlee | 06/03/2013 02:13 PM |
| 18971 | art | Support | Closed | Products of type "sumdata::RunData" cannot be aggregated. | Will Foreman | 02/12/2018 11:29 AM |
| 3105 | art | Feature | Rejected | Product Not Found exception is not caught for art::Event::getView() | Brian Rebel | 02/26/2013 09:54 AM |
| 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 |
| 19010 | art | Necessary Maintenance | Accepted | Producer for testing backwards compatibility | Kyle Knoepfel | 02/19/2018 11:26 AM |
| 18923 | art | Feature | Closed | Printout option of Memory Tracker service | Liang Li | 06/06/2018 08:32 AM |
| 1075 | art | Milestone | Accepted | Post on the tutorial web site some documentation for FileDumper | Marc Paterno | 10/23/2017 12:12 PM |
| 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 |
| 1759 | art | Feature | Accepted | Periodic refreshing of histogram files | Mark Messier | 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 |
| 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 |
| 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 |
| 4367 | art | Necessary Maintenance | Closed | OutputModule problems. | Christopher Green | 06/07/2016 08:18 AM |
| 18376 | art | Support | Closed | Output file name length limit. | Herbert Greenlee | 11/27/2017 12:17 PM |
| 2317 | art | Feature | Rejected | On demand loading of services when handle is requested | Brian Rebel | 08/24/2012 12:17 PM |
| 2275 | art | Feature | Rejected | On demand loading of module libraries | Brian Rebel | 12/16/2011 11:58 AM |
| 9999 | art | Feature | Accepted | objects and associated metadata in a single vector of pairs | Robert Sulej | 09/08/2015 03:50 PM |
| 24900 | art | Support | Closed | NOvA transitioning Assn creation from art2 to art3 | Brian Rebel | 09/03/2020 02:51 PM |
| 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 |
| 5474 | art | Feature | Closed | Nicer syntax for iterating over std::Handle<std::vector<... | Christopher Backhouse | 10/23/2017 12:12 PM |

| # | Project | Tracker | Status | Subject | Author | Updated |
|-------|---------|-----------------------|------------------|---|-----------------------|---------------------|
| 2992 | art | Bug | Closed | "-n -1" no longer means "unlimited" on the command line | Christopher Backhouse | 01/11/2013 11:10 AM |
| 6557 | art | Feature | Rejected | multi-file product reading for ROOT input module | Jim Kowalkowski | 07/21/2014 11:37 AM |
| 11036 | art | Feature | Accepted | multidimensional array support in NTuple product | Jim Kowalkowski | 12/07/2015 11:43 AM |
| 5281 | art | Necessary Maintenance | Closed | Move to using make_shared() wherever possible and appropriate. | Christopher Green | 12/03/2019 12:43 PM |
| 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 |
| 21964 | art | Bug | Accepted | Misleading output in case of exceptions | Giuseppe Cerati | 02/25/2019 10:25 AM |
| 9822 | art | Bug | Accepted | Misleading diagnostics by art framework | Pavel Murat | 08/17/2015 12:11 PM |
| 891 | art | Feature | Closed | Migrate simple_plugin Cmake macro to art package. | Christopher Green | 12/09/2011 11:44 AM |
| 15381 | art | Feature | Closed | Migrate code from CMSSW FWCore/Concurrency | Marc Paterno | 06/05/2018 03:27 PM |
| 3629 | art | Feature | Accepted | Metadata retained for pure transient data products? | Rob Kutschke | 10/23/2017 12:12 PM |
| 3571 | art | Bug | Accepted | Message logger configuration | Rob Kutschke | 10/23/2017 12:12 PM |
| 13675 | art | Bug | Accepted | messagefacility sqlite plugin test sporadic failure on OSX | Marc Paterno | 08/29/2016 11:35 AM |
| 2815 | art | Feature | Rejected | Merging/mixing multiple files event-by-event | Christopher Backhouse | 08/24/2012 12:05 PM |
| 10491 | art | Bug | Closed | memory spike at the end of a job | Andrei Gaponenko | 12/17/2015 01:33 PM |
| 1063 | art | Feature | Rejected | Make the input line parameters accessible to modules | Denis Perevalov | 03/21/2011 05:44 PM |
| 25578 | art | Necessary Maintenance | Accepted | Make TFileDirectory::mkdir() const? | Gianluca Petrillo | 03/08/2021 10:22 AM |
| 917 | art | Necessary Maintenance | Accepted | Make FHICL language document pretty. | Christopher Green | 10/23/2017 12:12 PM |
| 3756 | art | Bug | Closed | Make.config in GENIE v3665c | William Seligman | 04/23/2013 05:51 PM |
| 15394 | art | Feature | Accepted | Make cetbuilttools run the static analysis tools | Marc Paterno | 02/06/2017 11:19 AM |
| 15393 | art | Feature | Accepted | Make available the CMS static analysis tools | Marc Paterno | 02/06/2017 11:19 AM |
| 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 |
| 7294 | art | Feature | Closed | list dynamic libraries | Herbert Greenlee | 10/23/2017 12:12 PM |
| 8845 | art | Feature | Accepted | Limited support for analyzers in Python | Marc Paterno | 10/23/2017 12:12 PM |
| 10750 | art | Feature | Feedback | lazy loading of the parameter set database | Andrei Gaponenko | 08/29/2016 04:21 PM |
| 5790 | art | Feature | Feedback | It should be possible to discover the art metadata for an object. | Herbert Greenlee | 10/23/2017 12:12 PM |
| 13586 | art | Support | Closed | Is this the expected behaviour | Rob Kutschke | 08/18/2016 12:05 PM |
| 19846 | art | Support | Work in progress | Issues with events coming from different art histories in artdaq | Eric Flumerfelt | 05/14/2018 10:21 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 |

| # | Project | Tracker | Status | Subject | Author | Updated |
|-------|---------|-----------------------|------------------|--|-----------------------|---------------------|
| 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 |
| 919 | art | Bug | Rejected | Investigate report of problem with floating point exception control service. | Christopher Green | 07/25/2013 10:36 AM |
| 12322 | art | Bug | Closed | Invalid canonical fcl output | Herbert Greenlee | 05/24/2016 09:54 AM |
| 15380 | art | Feature | Closed | Introduction of multi-threaded running | Marc Paterno | 06/05/2018 03:55 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 |
| 15392 | art | Feature | Closed | Introduce "stream" modules | Marc Paterno | 06/05/2018 03:55 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 |
| 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 |
| 2397 | art | Feature | Closed | Interface to the ART "user" database (file's SQLite DB) | Adam Lyon | 09/19/2013 03:27 PM |
| 897 | art | Necessary Maintenance | Accepted | Institute validation tests for an installed art package. | Christopher Green | 10/23/2017 12:12 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 |
| 9803 | art | Feature | Rejected | Input files with no events | G2Muon G2Muon | 10/08/2015 10:26 AM |
| 20772 | art | Feature | Under Discussion | Inherit Configuration from Provenance | Alexander Himmel | 09/08/2018 04:55 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 |
| 3737 | art | Feature | Closed | improve the ability to auto detect the need to disable fast cloning | Rob Kutschke | 08/22/2016 11:27 AM |
| 3773 | art | Feature | Rejected | Improved ability to control when RootOutput will close and open output files. | Herbert Greenlee | 05/27/2015 09:49 AM |
| 19013 | art | Necessary Maintenance | Accepted | Implement tests for ensuring 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 |
| 4916 | art | Feature | Feedback | Implement SelectRuns and SelectSubRuns | Christopher Backhouse | 10/23/2017 12:12 PM |
| 8771 | art | Feature | Accepted | Implement parameter set configuration printout - task 3b of issue #7538 | Kyle Knoepfel | 06/01/2015 11:24 AM |
| 8690 | art | Support | Closed | Implementing the TEfficiency class in TFileService | Leon Rochester | 07/17/2015 09:24 AM |
| 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 |
| 1758 | art | Feature | Closed | Histograms in shared memory | Mark Messier | 10/23/2017 12:12 PM |
| 12952 | art | Support | Closed | Help NOvA investigate memory usage issues | Brian Rebel | 08/22/2016 08:25 AM |

| # | Project | Tracker | Status | Subject | Author | Updated |
|-------|---------|-----------------------|------------------|---|--------------------|---------------------|
| 13855 | art | Support | Closed | Help diagnose apparently misbehaving filter module | Marc Paterno | 09/13/2016 05:07 PM |
| 15665 | art | Bug | Closed | gPad->WaitForPrimitive does not work in v6_08_04c | Rob Kutschke | 02/28/2017 01:17 PM |
| 15389 | art | Feature | Closed | Get "legacy" modules running using TBB tasks. | Marc Paterno | 06/05/2018 03:26 PM |
| 7526 | art | Bug | Feedback | Follow up on Parameter Set bloat | Rob Kutschke | 10/23/2017 12:12 PM |
| 11495 | art | Feature | Rejected | FindMany/One interface that works with art::Ptr | Kanika Sachdev | 01/27/2016 10:50 AM |
| 6344 | art | Bug | Closed | Filter out output of some art services | Gianluca Petrillo | 02/16/2015 10:32 AM |
| 2948 | art | Feature | Rejected | fhicl::ParameterSet::print() | Denis Perevalov | 09/10/2012 12:25 PM |
| 9333 | art | Support | Closed | FHICL Information from Previous Module | Martin Frank | 08/14/2015 07:58 AM |
| 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 |
| 5690 | art | Feature | Closed | FCL file parameters not properly tracked | Wesley Ketchum | 05/01/2014 03:29 PM |
| 6094 | art | Bug | Rejected | Fcl expansion doesn't handle absolute path includes. | Herbert Greenlee | 05/01/2014 10:42 AM |
| 10140 | art | Bug | Rejected | Failure to specify option argument can lead to overwritten input files | Kyle Knoepfel | 09/14/2015 12:06 PM |
| 3401 | art | Feature | Closed | Facility to input metadata from user space | Andrew Norman | 09/19/2013 03:15 PM |
| 16342 | art | Feature | Accepted | Facility to convert fhicl::ParameterSets from art/ROOT file to Python dictionary | Kyle Knoepfel | 05/01/2017 11:51 AM |
| 8842 | art | Feature | Closed | Facility for quick bootstrapping of development | Marc Paterno | 04/23/2018 11:06 AM |
| 18628 | art | Feature | Feedback | expand Results concept | Raymond Culbertson | 01/25/2018 09:30 AM |
| 16042 | art | Bug | Closed | exception in art v2 | Pavel Murat | 04/26/2017 11:21 AM |
| 23925 | art | Feature | Under Discussion | Event resampling support | Andrei Gaponenko | 02/03/2020 10:27 AM |
| 900 | art | Feature | Closed | EventID should have the subRunID as part of its data | Christopher Green | 12/09/2011 11:55 AM |
| 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 |
| 1025 | art | Feature | Rejected | end_paths and trigger_paths are now unnecessary and should be retired. | Christopher Green | 07/25/2013 12:03 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 |
| 963 | art | Feature | Closed | EDProducer to read data products from another event data file. | Rob Kutschke | 12/09/2011 03:13 PM |
| 961 | art | Bug | Rejected | EDProducer to read data products from another event data file. | Rob Kutschke | 02/11/2011 11:54 AM |
| 1632 | art | Feature | Closed | -e command line option ignored | Mark Messier | 07/30/2014 06:29 PM |
| 1026 | art | Necessary Maintenance | Accepted | Duplicated code for branch name element verification | Marc Paterno | 10/23/2017 12:12 PM |
| 21846 | art | Support | Closed | Do nothing job has VmHWM = 3.6 GB | Rob Kutschke | 02/11/2019 11:29 AM |
| 943 | art | Feature | Accepted | Document in-use parameters for all framework code. | Christopher Green | 10/23/2017 12:12 PM |
| 13964 | art | Necessary Maintenance | Closed | Documentation on how to fill classes.h files | Gianluca Petrillo | 10/03/2016 11:26 AM |

| # | Project | Tracker | Status | Subject | Author | Updated |
|-------|---------|-----------------------|------------------|--|-----------------------|---------------------|
| 17084 | art | Necessary Maintenance | Accepted | Documentation of messagefacility on Redmine wiki is very outdated | Gianluca Petrillo | 07/05/2017 11:56 AM |
| 3553 | art | Bug | Closed | dlopen: cannot load any more object with static TLS | Andrei Gaponenko | 10/03/2013 03:15 PM |
| 942 | art | Milestone | Accepted | Design mechanism for library versioning and consistency checks | Christopher Green | 10/23/2017 12:12 PM |
| 920 | art | Milestone | Closed | Design a mechanism for specifying obsolete parameters with info/warnings when seen. | Christopher Green | 10/23/2017 12:12 PM |
| 1144 | art | Milestone | Accepted | Defining categories for the error logger | Rob Kutschke | 10/23/2017 12:12 PM |
| 5167 | art | Bug | Rejected | Data product sizes reported by FileDumperOutput | Rob Kutschke | 01/13/2014 12:10 PM |
| 19306 | art | Feature | Accepted | create Ptr to product | Raymond Culbertson | 03/12/2018 11:47 AM |
| 903 | art | Feature | Rejected | Create forwarding headers in each library with standard naming (fwd.h). | Christopher Green | 07/24/2013 04:44 PM |
| 24925 | art | Bug | Accepted | counter-intuitive behavior of the "drop on input" | Pavel Murat | 09/08/2020 12:38 PM |
| 2477 | art | Feature | Closed | controlling art printouts | Andrei Gaponenko | 10/23/2017 12:12 PM |
| 17634 | art | Feature | Closed | Consider variants of FindMany and friends that perform lookup by Ptr | Christopher Backhouse | 01/02/2018 01:14 PM |
| 1343 | art | Bug | Closed | Configuring the message logger | Rob Kutschke | 06/16/2011 01:57 PM |
| 19972 | art | Feature | Closed | configuring producing service | Raymond Culbertson | 06/06/2018 08:26 AM |
| 17407 | art | Feature | Accepted | Configuration description of module | Gianluca Petrillo | 09/17/2019 02:16 PM |
| 24067 | art | Support | Closed | Compilation error on OSX | Iker de Icaza Astiz | 03/25/2020 03:36 PM |
| 4704 | art | Feature | Accepted | Command line facility to insert arbitrary configuration items. | Christopher Green | 10/23/2017 12:12 PM |
| 5795 | art | Feature | Feedback | code version control provenance | Brendan Kiburg | 10/23/2017 12:12 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 |
| 1010 | art | Feature | Rejected | CheckUpsVersion to provide functions usable in IF checks | Christopher Green | 12/09/2011 03:16 PM |
| 16354 | art | Feature | Accepted | Check that duplicate events are not processed for an art job | Kyle Knoepfel | 05/01/2017 11:55 AM |
| 7322 | art | Feature | Closed | Change in fastCloning default value | Wesley Ketchum | 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 |
| 12857 | art | Bug | Remission | Build-time dictionary checking has dangerous false positives | Christopher Green | 06/06/2016 11:40 AM |
| 16249 | art | Bug | Accepted | building art on minsky.fnal.gv | Lynn Garren | 04/26/2017 11:34 AM |
| 8653 | art | Feature | Closed | Build and run art with ROOT6 | Ben Morgan | 12/17/2015 01:31 PM |
| 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 |
| 8271 | art | Feature | Assigned | Better diagnostics for ProductNotFound with multiple paths | Christopher Backhouse | 12/03/2019 12:41 PM |
| 3055 | art | Feature | Closed | art utility for monitoring file size contributions by new objects | Gavin Davies | 10/01/2015 01:26 PM |
| 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 |
| 25551 | art | Feature | Under Discussion | art_root_io/RootDB actually belongs to canvas_root_io | Gianluca Petrillo | 02/24/2021 09:31 AM |

| # | Project | Tracker | Status | Subject | Author | Updated |
|-------|---------|-----------------------|------------------|--|-----------------------|---------------------|
| 19890 | art | Bug | Closed | art requires dictionary for non-persistent product | Raymond Culbertson | 01/31/2019 02:06 PM |
| 24920 | art | Support | Closed | art "readFile" errors affecting MicroBooNE production jobs | Matthew Rosenberg | 09/11/2020 09:09 AM |
| 11035 | art | Feature | Accepted | art producer module in python | Jim Kowalkowski | 12/07/2015 11:43 AM |
| 19994 | art | Feature | Accepted | art multi-threading phase 2 | Kyle Knoepfel | 05/21/2018 10:33 AM |
| 15372 | art | Milestone | Closed | art multi-threading phase 1 | Marc Paterno | 06/05/2018 04:09 PM |
| 11033 | art | Feature | Accepted | art module in Python | Jim Kowalkowski | 04/23/2018 10:51 AM |
| 13833 | art | Bug | Rejected | artmod still produces #include "art/Utilities/InputTag.h" | Tingjun Yang | 09/13/2016 03:49 PM |
| 3647 | art | Bug | Closed | artmod created Module missing needed #include Event.h | Jan Zirnstein | 04/23/2013 10:07 AM |
| 19599 | art | Support | Feedback | art job influenced by random files | Andrei Gaponenko | 09/02/2020 09:11 AM |
| 1043 | art | Bug | Accepted | art::getFileFormatVersion and art::getFileFormatEra should be renamed | Marc Paterno | 10/23/2017 12:12 PM |
| 9768 | art | Support | Closed | art::FindManyP throws if art::Handle is invalid | Tingjun Yang | 12/29/2015 10:51 AM |
| 17752 | art | Support | Closed | art 2.8.3 generating a bus error under GDB (SLF6) | Gianluca Petrillo | 10/02/2017 11:53 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 |
| 6368 | art | Feature | Closed | A "print" feature to assist in debugging | Rob Kutschke | 11/28/2016 11:58 AM |
| 18159 | art | Feature | Closed | Another request for FileDumperOutput ... | Rob Kutschke | 08/20/2018 09:57 AM |
| 2334 | art | Feature | Rejected | Another candidate for cetlib? | Rob Kutschke | 08/02/2013 02:16 PM |
| 19011 | art | Necessary Maintenance | Accepted | Analyzer for testing backwards compatibility | Kyle Knoepfel | 02/19/2018 11:26 AM |
| 898 | art | Feature | Rejected | Allow underscores in Product class specifications. | Christopher Green | 12/09/2011 11:48 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 |
| 2887 | art | Feature | Closed | Allow modules to call library code to register their products | Adam Lyon | 08/24/2012 12:09 PM |
| 3190 | art | Feature | Closed | Allow for reconfiguration in a DAQ environment | Kurt Biery | 10/23/2017 12:12 PM |
| 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 |
| 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 |
| 7662 | art | Feature | Feedback | Allow absolute include paths in fcls | Christopher Backhouse | 10/23/2017 12:12 PM |
| 2886 | art | Feature | Closed | All configured services shall be created | Adam Lyon | 08/24/2012 11:56 AM |
| 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 |
| 906 | art | Feature | Rejected | Address the mf::service namespace issue. | Christopher Green | 12/09/2011 02:28 PM |
| 11839 | art | Feature | Feedback | Add respondToOpenInputFile method to ResultsProducer | Brian Rebel | 03/03/2016 03:21 PM |
| 15386 | art | Feature | Closed | Add basic level of setting context information | Marc Paterno | 06/05/2018 03:26 PM |

| # | Project | Tracker | Status | Subject | Author | Updated |
|-------|---------|---------|----------|---|-------------------|---------------------|
| 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 |
| 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 |
| 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 |
| 3067 | art | Feature | Closed | access to ParameterSet of a producer module | Andrei Gaponenko | 12/17/2015 01:53 PM |
| 2869 | art | Feature | Closed | Access to FCL parameter comments | Mark Messier | 08/31/2012 11:11 AM |
| 4107 | art | Feature | Closed | A candidate function for FHICLCP | Rob Kutschke | 10/07/2015 01:52 PM |

artdaq (222)

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|-------|--------|---------|----------|--|------------------|---------------------|
| 20367 | artdaq | Bug | New | zero length core file on terminate | Ron Rechenmacher | 07/19/2018 11:03 AM |
| 20341 | artdaq | Feature | Resolved | write data files directly from event builders | Kurt Biery | 07/24/2018 12:45 PM |
| 20433 | artdaq | Bug | New | When I accidentally try to import a configuration from a subdirectory, I get an extra schema.fcl file in that subdirectory | Kurt Biery | 07/24/2018 03:03 PM |
| 9772 | artdaq | Feature | Closed | Use TRACE to print out debug statements in R/SHandles instead of Debug macro(s) | Kurt Biery | 05/23/2016 10:31 AM |
| 24439 | artdaq | Support | New | Use new[] with align parameter in QuickVec to silence Valgrind error in ROOT | Eric Flumerfelt | 05/19/2020 04:42 PM |
| 24418 | artdaq | Feature | New | Use ExceptionHandler in xmlrpc_commander | Eric Flumerfelt | 05/14/2020 01:14 PM |
| 22569 | artdaq | Feature | Resolved | Update RequestReceiver's interface | Eric Flumerfelt | 05/31/2019 09:58 AM |
| 20857 | artdaq | Bug | Closed | Update bookkeeping in SMEM when Fragment is not completely received | Eric Flumerfelt | 09/27/2018 10:43 AM |
| 24417 | artdaq | Bug | Closed | Unhelpful Exception message from xmlrpc_commander | Eric Flumerfelt | 07/24/2020 02:14 PM |
| 20562 | artdaq | Bug | Resolved | transfer_driver tests fail in pdune_ron_Aug01 | Eric Flumerfelt | 08/08/2018 03:31 PM |
| 20546 | artdaq | Bug | New | transfer_driver_shmem_multi_t doesn't test non-reliable mode | Ron Rechenmacher | 08/06/2018 03:10 PM |
| 25359 | artdaq | Bug | Closed | TRACE_STREAMER used instead of TLOG | Ron Rechenmacher | 03/19/2021 12:46 PM |
| 15791 | artdaq | Idea | New | To prevent 100% CPU usage by fragment generators, users should have to specify a sleep time in getNext_() | John Freeman | 03/08/2017 05:13 PM |
| 20445 | artdaq | Idea | New | Think about whether EBs sending requests is more reliable than sending routing tables from the RoutingMaster | Kurt Biery | 07/25/2018 02:19 PM |
| 20455 | artdaq | Idea | New | Think about ways to support different configuration formats which still maintaining traceability and archiving | Kurt Biery | 07/26/2018 10:17 AM |
| 6793 | artdaq | Idea | New | Think about ways to read data from front-ends and discard it between runs | Kurt Biery | 01/13/2017 04:04 PM |
| 23050 | artdaq | Bug | New | The number of EB buffers seems to affect whether a demo system continues to take data after an EB crash | Kurt Biery | 08/07/2019 04:54 PM |
| 23371 | artdaq | Support | Closed | The installation of boost v1_70_0 on cvmfs is broken, please fix | Kurt Biery | 10/09/2019 11:12 AM |
| 5980 | artdaq | Bug | New | The Aggregator runs slower when event grouping is enabled | Kurt Biery | 01/13/2017 04:37 PM |

| # | Project | Tracker | Status | Subject | Author | Updated |
|-------|---------|---------|------------------|--|-------------------|---------------------|
| 11041 | artdaq | Feature | Rejected | Test that the number of buffers is GE the number of data sources in RHandles | Kurt Biery | 01/11/2017 10:15 AM |
| 20406 | artdaq | Support | Resolved | System behaving unexpectedly when there are no triggers | Kurt Biery | 07/23/2018 12:23 PM |
| 20294 | artdaq | Idea | New | Sync message in TCPsocketTransfer | Eric Flumerfelt | 07/23/2018 02:48 PM |
| 22529 | artdaq | Idea | New | Support the (proto)DUNE DFO Model in artdaq | Eric Flumerfelt | 07/25/2019 10:23 AM |
| 8588 | artdaq | Feature | Closed | Support metrics reporting from FragmentGenerator derived classes | Kurt Biery | 05/23/2016 10:30 AM |
| 20458 | artdaq | Support | New | Summary of EventBuilder crashes at protoDUNE July 23-26 | Kurt Biery | 07/26/2018 11:40 AM |
| 20569 | artdaq | Feature | Work in progress | Status monitoring display | Eric Flumerfelt | 01/30/2019 02:25 PM |
| 20471 | artdaq | Idea | Closed | standardize on a code format | Ron Rechenmacher | 10/18/2019 03:05 PM |
| 24303 | artdaq | Bug | Closed | Standard error messages should refer to the correct FHiCL parameter names | John Freeman | 07/24/2020 02:13 PM |
| 20387 | artdaq | Bug | New | Something set all of my requested trace levels to zero | Kurt Biery | 07/25/2018 04:12 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 |
| 22576 | artdaq | Bug | Closed | Some classes do not properly initialize and close socket descriptors | Eric Flumerfelt | 05/10/2019 02:39 PM |
| 20345 | artdaq | Support | New | Should we start bundling rgang with artdaq so that we have it available at experiments that we are supporting? | Kurt Biery | 07/18/2018 11:43 AM |

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