Unassigned Issues

#	Project	Tracker	Status	Subject	Author	Updated
wibtools (1)						
23672	wibtools	Bug	New	Get WIBTools.exe to work after setting up wibtools with ups	William Badgett	12/02/2019 02:31 PM
VxWorks Kernels (1)						
19337	VxWorks Kernels	Feature	New	Add function to download from product area	Richard Neswold	01/15/2020 09:57 AM
VxWorks Concurrency (2)						
16974	VxWorks Concurrency	Idea	New	Add interrupt support to vwpp::Task interface	Richard Neswold	06/22/2017 10:28 AM
11624	VxWorks Concurrency	Feature	New	Update the mutex-protected variable API	Richard Neswold	05/03/2016 01:07 PM
VxWorks ACNET Library (1)						
22971	VxWorks ACNET Library	Support	New	Need to add trunks 15 and 16 to node table	Richard Neswold	07/22/2019 10:19 AM
Vulcan (1)						
8961	Vulcan	Bug	New	Migrate Certificate request scripts	Anthony Tiradani	05/27/2015 08:14 PM
VME Intensity Monitor (27)						
9388	VME Intensity Monitor	Milestone	New	2015 Shutdown	Roger Tokarek	09/04/2018 01:03 PM
11965	VME Intensity Monitor	Milestone	New	April Release - 201604A	John Diamond	09/04/2018 01:01 PM
8559	VME Intensity Monitor	Feature	New	BBB standard deviation device	John Diamond	05/01/2015 09:15 AM
16524	VME Intensity Monitor	Milestone	New	Commission new toroid nodes at NML	John Diamond	07/11/2017 07:22 PM
19614	VME Intensity Monitor	Task	New	Install and configure hardware for S16TOR	John Diamond	04/09/2018 03:10 PM
17764	VME Intensity Monitor	Task	New	More summation devices requested	Elliott McCrory	09/22/2017 03:59 PM
11687	VME Intensity Monitor	Task	New	Move ADC drivers to adinsthw	John Diamond	03/15/2016 12:20 PM
11629	VME Intensity Monitor	Task	New	Refactor to useAD/Control's concurrency library	John Diamond	03/15/2016 12:20 PM
12191	VME Intensity Monitor	Task	New	Refactor TRACE0 calls with the appropriate TRACE/TRACE0/TRACEP	John Diamond	04/06/2016 04:13 PM
17355	VME Intensity Monitor	Task	New	Test & Verify	John Diamond	08/03/2017 09:40 AM
12190	VME Intensity Monitor	Milestone	New	Turn of tracing for ACNET tasks	John Diamond	04/06/2016 04:11 PM
16590	VME Intensity Monitor	Task	New	Verify BBM interface with Bill Marsh's test program	John Diamond	05/18/2017 02:52 PM
16589	VME Intensity Monitor	Task	New	Verify new devices with a test signal	John Diamond	05/18/2017 02:51 PM
9392	VME Intensity Monitor	Task	Resolved	Deploy New MI Tororid Nodes	Roger Tokarek	09/04/2018 01:03 PM
9529	VME Intensity Monitor	Task	Closed	Create ACNET devices	John Diamond	08/02/2016 10:52 AM
11649	VME Intensity Monitor	Milestone	Closed	Feb 2016 Release A - 201602A	John Diamond	02/28/2016 11:32 AM
9527	VME Intensity Monitor	Task	Closed	Install and Configure Processors	John Diamond	08/02/2016 10:50 AM

#	Project	Tracker	Status	Subject	Author	Updated
10338	VME Intensity Monitor	Task	Closed	Make sure all startup scripts are enabled	John Diamond	10/05/2015 12:24 PM
11650	VME Intensity Monitor	Milestone	Closed	Mar 2016 Release A - 201603A	John Diamond	08/03/2016 10:36 AM
6970	VME Intensity Monitor	Bug	Closed	Network issues with nmltor	John Diamond	11/05/2014 10:57 AM
11959	VME Intensity Monitor	Milestone	Closed	PXIE Startup	John Diamond	08/03/2016 10:52 AM
11428	VME Intensity Monitor	Task	Closed	Refactor VMEInt::_monitors to use a std::map	John Diamond	08/03/2016 10:39 AM
9528	VME Intensity Monitor	Task	Closed	Request ACNET node assignments	John Diamond	08/02/2016 10:51 AM
10928	VME Intensity Monitor	Milestone	Closed	Support for new MI/RR/BNB digitizer firmware	John Diamond	08/02/2016 03:03 PM
11012	VME Intensity Monitor	Feature	Closed	Support for Total Beam Energy Loss devices	John Diamond	12/15/2015 10:15 PM
11737	VME Intensity Monitor	Support	Work in progress	Rename *.h Files to *.hpp	Roger Tokarek	08/03/2016 10:34 AM
9524	VME Intensity Monitor	Task	Work in progress	Request remote reboot devices	John Diamond	08/02/2016 10:49 AM

VME BPM (10)

#	Project	Tracker	Status	Subject	Author	Updated
16574	VME BPM	Task	New	ACNET support for beam threshold	John Diamond	05/17/2017 11:05 AM
16575	VME BPM	Task	New	Error state during spill	John Diamond	05/17/2017 11:10 AM
16573	VME BPM	Task	New	Establish alarms for SBPMxx nodes	John Diamond	05/17/2017 10:44 AM
16571	VME BPM	Bug	New	Flat positions being reported intermittently	John Diamond	05/17/2017 10:36 AM
16577	VME BPM	Task	New	Improve error handling of CAN bus communication	John Diamond	04/12/2018 09:10 AM
16570	VME BPM	Milestone	New	Improvements for auto-tune operation	John Diamond	05/17/2017 10:30 AM
16576	VME BPM	Task	New	Investigate reading back attenuator settings from transition crate	John Diamond	05/17/2017 11:16 AM
16572	VME BPM	Task	New	Put together a test stand	John Diamond	05/17/2017 10:38 AM
10100	VME BPM	Milestone	Closed	Refactor ACNET subsystem	John Diamond	11/08/2015 08:49 AM
13191	VME BPM	Milestone	Closed	Release 201607A	John Diamond	07/13/2016 07:51 PM

ups (32)

#	Project	Tracker	Status	Subject	Author	Updated
205	ups	Feature	New	Allow db-relocatable entries	Marc Mengel	04/25/2017 05:10 PM
18064	ups	Bug	New	"current" behavior is wierd in v6_0_x ups...	Marc Mengel	10/27/2017 04:38 PM
23454	ups	Bug	New	Deprecation warning in ups.py for setup from within python scripts	Lauri Carpenter	03/23/2020 01:29 PM
18209	ups	Feature	New	facility to generate "flavor" subdir like `get-directory-name subdir` in ups...	Ron Rechenmacher	08/03/2020 11:21 AM
206	ups	Feature	New	Have implicit "current"	Marc Mengel	04/25/2017 05:10 PM
6141	ups	Bug	New	problem with product path	Lynn Garren	04/25/2017 05:10 PM
7066	ups	Feature	New	products with "-" in their name	Ron Rechenmacher	04/25/2017 05:10 PM
21117	ups	Bug	New	setup returns status 0 even when a dependent product setup has failed	Marc Paterno	10/11/2018 06:44 PM
14330	ups	Bug	New	Strange error with strict version checking	Andrei Gaponenko	04/25/2017 05:10 PM

#	Project	Tracker	Status	Subject	Author	Updated
6175	ups	Bug	New	UPS_OS_FLAVOR does not have 64bit-ness	Christopher Green	04/25/2017 05:10 PM
22965	ups	Bug	New	ups parent doesn't seem to work	Ron Rechenmacher	07/20/2019 12:45 AM
16670	ups	Feature	New	UPS to deal properly with SetupRequired inside a conditrional	Christopher Green	05/25/2017 07:49 AM
17976	ups	Bug	Resolved	ups v6_0_2 setups problem	Lynn Garren	10/19/2017 09:12 PM
4887	ups	Feature	Closed	-B behavior to be specifiable via .upsfiles config.	Christopher Green	04/25/2017 04:32 PM
430	ups	Bug	Closed	declare to db with prod_dir_prefix	Ron Rechenmacher	04/25/2017 04:32 PM
9662	ups	Feature	Closed	envPrepend and friends to recognize and/or deal appropriately with MANPATH-like variables	Christopher Green	04/25/2017 04:59 PM
13554	ups	Feature	Closed	Improved context information upon version conflict	Kyle Knoepfel	04/25/2017 05:05 PM
6340	ups	Bug	Closed	interesting problem with cvmfs	Lynn Garren	01/02/2019 08:48 PM
4951	ups	Support	Closed	Is it possible to get a full dependency tree from ups depend?	Christopher Green	04/25/2017 04:32 PM
6098	ups	Bug	Closed	problem with setup for zsh	Lynn Garren	04/25/2017 04:32 PM
16041	ups	Bug	Closed	problem with setup of g4	Dorota Stefan	04/02/2017 09:19 PM
4948	ups	Bug	Closed	Relocatable ups 5.0.1 segfault with ups declare -c where current.chain/ exists but is empty	Christopher Green	04/25/2017 04:32 PM
22982	ups	Bug	Closed	setup file has a problem with /bin/sh on fedora 28 which has bash version 4.4.23	Ron Rechenmacher	07/24/2019 11:02 AM
14329	ups	Bug	Closed	setupRequired -B	Andrei Gaponenko	04/25/2017 05:09 PM
6015	ups	Bug	Closed	setups makes SETUPS_DIR have relative path.	Christopher Green	12/27/2018 02:11 PM
5731	ups	Bug	Closed	setups script fails in zsh	Paul Russo	04/25/2017 04:37 PM
5650	ups	Bug	Closed	sourcing setup or setups fails on tcsh if not the login shell	Christopher Green	04/25/2017 04:28 PM
7295	ups	Bug	Closed	unexpected behavior of UPS product area /grid/fermiapp/products/common/	Michael Kirby	04/25/2017 05:12 PM
5649	ups	Bug	Closed	unsetup of product not already set up causes shell error	Christopher Green	04/25/2017 04:32 PM
11531	ups	Support	Closed	ups override file	Lynn Garren	04/25/2017 05:03 PM
4748	ups	Bug	Closed	Ups verify prints wrong action in error	Marc Mengel	04/25/2017 04:32 PM
4888	ups	Feature	Rejected	'+' qualifier behavior to be specifiable per product	Christopher Green	04/23/2014 01:58 PM

upd (1)

#	Project	Tracker	Status	Subject	Author	Updated
259	upd	Bug	New	in v4_7_4a, "upd addproduct -4" makes goofy flavors	Marc Mengel	02/01/2010 04:23 PM

ubpm (10)

#	Project	Tracker	Status	Subject	Author	Updated
13294	ubpm	Task	New	Add Muon Campus Devel 'area' to R43 and R44	John Diamond	07/19/2016 12:18 PM
13284	ubpm	Task	New	Assemble crate	John Diamond	07/19/2016 11:39 AM
13293	ubpm	Task	New	Create ACNET devices for test node	John Diamond	07/19/2016 12:07 PM
13288	ubpm	Task	New	Create git repository	John Diamond	07/19/2016 11:49 AM

#	Project	Tracker	Status	Subject	Author	Updated
13290	ubpm	Task	New	Establish Targets file, startup scripts and boot areas	John Diamond	07/19/2016 11:57 AM
13283	ubpm	Milestone	New	Establish Test Stand	John Diamond	07/19/2016 11:36 AM
13295	ubpm	Task	New	Modify MuonStateMachine to respond to Muon campus events	John Diamond	07/19/2016 12:22 PM
13285	ubpm	Task	New	Network connection	John Diamond	07/19/2016 11:40 AM
13291	ubpm	Task	New	Rename RRXxx classes to MuonXxx	John Diamond	07/19/2016 11:59 AM
13286	ubpm	Task	New	Request ACNET node name	John Diamond	07/19/2016 11:41 AM

uBooNE Utilities (4)

#	Project	Tracker	Status	Subject	Author	Updated
7045	uBooNE Utilities	Feature	New	Add ability to fetch and store log files in output area.	Herbert Greenlee	07/07/2015 04:38 PM
7044	uBooNE Utilities	Feature	Closed	Add support for sam projects when using jobsub_client.	Herbert Greenlee	10/31/2014 09:39 AM
7249	uBooNE Utilities	Feature	Closed	Modify bookkeeping in project.py to be file based	Herbert Greenlee	11/04/2014 04:33 PM
7043	uBooNE Utilities	Feature	Closed	Separating functions done by --check.	Herbert Greenlee	10/31/2014 09:41 AM

uBooNE slowmon analysis (4)

#	Project	Tracker	Status	Subject	Author	Updated
12143	uBooNE slowmon analysis	Feature	New	Better UI, especially for on-shift peopl	Glenn Horton-Smith	04/01/2016 01:42 PM
12146	uBooNE slowmon analysis	Feature	New	Import from other data sources	Glenn Horton-Smith	04/01/2016 01:49 PM
12145	uBooNE slowmon analysis	Feature	New	Quick, convenient date <-> unixtime conversion tool	Glenn Horton-Smith	04/01/2016 01:46 PM
12142	uBooNE slowmon analysis	Feature	New	Support different aggregate functions in binned data	Glenn Horton-Smith	04/01/2016 01:41 PM

uBooNE Reconstruction (50)

#	Project	Tracker	Status	Subject	Author	Updated
13648	uBooNE Reconstruction	Task	New	3D shower direction reconstruction	David Caratelli	11/01/2016 02:22 PM
13403	uBooNE Reconstruction	Milestone	New	Alternate Reconstruction Paths	Tracy Usher	10/21/2016 11:01 AM
13646	uBooNE Reconstruction	Task	New	charge clustering impact on energy estimation	David Caratelli	11/02/2016 01:36 PM
13647	uBooNE Reconstruction	Task	New	containment of charge in TPC : study and corrections	David Caratelli	11/02/2016 01:45 PM
13409	uBooNE Reconstruction	Milestone	New	Cosmic Ray Tagger reconstruction	Tracy Usher	08/02/2016 02:22 PM
13408	uBooNE Reconstruction	Milestone	New	Cosmic Ray tagging for use in reconstruction	Tracy Usher	08/02/2016 02:21 PM
13653	uBooNE Reconstruction	Task	New	data-driven 3D direction & energy resolution calculation	David Caratelli	11/01/2016 02:23 PM
14361	uBooNE Reconstruction	Task	New	DATA gain validation	David Caratelli	11/02/2016 01:23 PM
13645	uBooNE Reconstruction	Task	New	dead-wire region impact on energy	David Caratelli	11/02/2016 01:34 PM
13652	uBooNE Reconstruction	Task	New	detector energy calibration	David Caratelli	09/20/2016 04:00 PM
13641	uBooNE Reconstruction	Task	New	electronics gain calculation	David Caratelli	11/02/2016 02:24 PM
13640	uBooNE Reconstruction	Task	New	Energy reconstruction	David Caratelli	11/02/2016 02:24 PM
13412	uBooNE Reconstruction	Milestone	New	Final Object Selection	Tracy Usher	08/02/2016 02:25 PM
13410	uBooNE Reconstruction	Milestone	New	Hit Finding	Tracy Usher	11/01/2016 11:26 AM
13427	uBooNE Reconstruction	Task	New	Interface to new Track Fitter	Tracy Usher	08/03/2016 12:35 PM

#	Project	Tracker	Status	Subject	Author	Updated
13400	uBooNE Reconstruction	Milestone	New	MCC8 and "v6" reconstruction development	Tracy Usher	11/04/2016 11:13 AM
14360	uBooNE Reconstruction	Task	New	MC gain estimation and validation	David Caratelli	11/02/2016 01:21 PM
13649	uBooNE Reconstruction	Task	New	neutrino vertex resolution measurement /estimation	David Caratelli	11/01/2016 02:22 PM
13404	uBooNE Reconstruction	Milestone	New	Optical Reconstruction	Tracy Usher	08/02/2016 02:44 PM
13399	uBooNE Reconstruction	Milestone	New	Parent reconstruction milestones/tasks for reconstruction necessary for MCC8 and reconstruction "v6"	Tracy Usher	11/04/2016 11:13 AM
13747	uBooNE Reconstruction	Task	New	Pi0 Clustering	David Caratelli	09/01/2016 04:53 PM
13651	uBooNE Reconstruction	Task	New	Pi0 Mass Peak reconstruction	David Caratelli	11/01/2016 02:23 PM
11263	uBooNE Reconstruction	Milestone	New	Production shower finding	Erica Snider	08/02/2016 01:31 PM
13644	uBooNE Reconstruction	Task	New	recombination correction	David Caratelli	11/02/2016 01:27 PM
13401	uBooNE Reconstruction	Milestone	New	Reconstruction Tuning	Tracy Usher	08/02/2016 02:07 PM
13402	uBooNE Reconstruction	Milestone	New	Reconstruction validation	Tracy Usher	08/02/2016 02:08 PM
13411	uBooNE Reconstruction	Milestone	New	Reconstruction workflow	Tracy Usher	08/02/2016 02:24 PM
13639	uBooNE Reconstruction	Task	New	shower 3D start point reconstruction	David Caratelli	09/20/2016 03:50 PM
13650	uBooNE Reconstruction	Task	New	shower dE/dx reconstruction	David Caratelli	09/20/2016 03:59 PM
13405	uBooNE Reconstruction	Milestone	New	Shower Reconstruction	Tracy Usher	11/04/2016 11:11 AM
13407	uBooNE Reconstruction	Milestone	New	Track Reconstruction	Tracy Usher	11/04/2016 11:13 AM
13406	uBooNE Reconstruction	Milestone	New	Vertex Reconstruction	Tracy Usher	11/04/2016 11:12 AM
13634	uBooNE Reconstruction	Task	Assigned	Overlapping track removal	David Caratelli	09/01/2016 04:54 PM
13633	uBooNE Reconstruction	Task	Assigned	Remove external shower-reconstruction dependency	David Caratelli	09/01/2016 04:53 PM
13643	uBooNE Reconstruction	Task	Resolved	lifetime correction	David Caratelli	11/02/2016 01:45 PM
11262	uBooNE Reconstruction	Milestone	Resolved	March production reconstruction	Erica Snider	08/02/2016 01:56 PM
13636	uBooNE Reconstruction	Task	Resolved	sample identification [through hand-scanning]	David Caratelli	09/20/2016 03:52 PM
11268	uBooNE Reconstruction	Task	Closed	Define and implement track fitting interface using Kalman fit as first implementation	Erica Snider	08/02/2016 01:38 PM
11269	uBooNE Reconstruction	Task	Closed	Define high-level and internal interfaces for tracking	Erica Snider	08/02/2016 01:39 PM
11239	uBooNE Reconstruction	Task	Closed	Determine if a single hit-finder will suffice for production processing	Erica Snider	08/02/2016 01:46 PM
11477	uBooNE Reconstruction	Task	Closed	Develop event-by-event channel status tagging	Erica Snider	08/02/2016 01:47 PM
11237	uBooNE Reconstruction	Milestone	Closed	Develop / optimize signal processing algorithms needed for production processing	Erica Snider	08/02/2016 01:49 PM
11266	uBooNE Reconstruction	Task	Closed	Fix 3D seed finding that is used as input to TrackKalman3D tracks	Erica Snider	08/02/2016 01:36 PM
11478	uBooNE Reconstruction	Task	Closed	Integrate event-by-event channel status into uB implementation of ChannelStatus service	Erica Snider	08/02/2016 01:47 PM
11265	uBooNE Reconstruction	Task	Closed	Make PMATrackMaker respect gaps due to bad hits	Erica Snider	08/02/2016 01:39 PM

#	Project	Tracker	Status	Subject	Author	Updated
11480	uBooNE Reconstruction	Milestone	Closed	Optical reconstruction suitable for production processing	Erica Snider	08/02/2016 01:51 PM
11236	uBooNE Reconstruction	Milestone	Closed	Production TPC response functions and deconvolution	Erica Snider	08/02/2016 01:50 PM
11261	uBooNE Reconstruction	Milestone	Closed	Track finding and fitting improvements	Erica Snider	08/02/2016 01:40 PM
11264	uBooNE Reconstruction	Task	Closed	Understand and fix broken track issue from Track3DKalmanTrack	Erica Snider	08/02/2016 01:35 PM
11636	uBooNE Reconstruction	Milestone	Accepted	Improve reconstruction speed by 2x	Erica Snider	02/05/2016 09:40 AM

uBooNE Production (1)

#	Project	Tracker	Status	Subject	Author	Updated
14831	uBooNE Production	Production Request	New	MCC7 in time CORSIKA samples	Wesley Ketchum	12/16/2016 09:52 AM

uBoone Operations (29)

#	Project	Tracker	Status	Subject	Author	Updated
8758	uBoone Operations	Necessary Maintenance	New	Decision about separating Mpod HV and LV modules into different crates	Matthew Toups	05/12/2015 03:31 PM
8725	uBoone Operations	Necessary Maintenance	New	Determine operational requirements for TPC flange FT heaters	Matthew Toups	05/12/2015 02:21 PM
8738	uBoone Operations	Necessary Maintenance	New	Develop Cryo Display in ROC-W	Matthew Toups	05/12/2015 02:54 PM
8737	uBoone Operations	Necessary Maintenance	New	Hardware history database	Matthew Toups	05/14/2015 02:37 PM
9082	uBoone Operations	Feature	New	Improvements to Alarm Area Panel and Alarm Tree for improved status visibility	Glenn Horton-Smith	06/09/2015 03:41 PM
9653	uBoone Operations	Feature	New	Install more powerful fan pack from PMT HV crate	Matthew Toups	07/16/2015 03:45 PM
8801	uBoone Operations	Necessary Maintenance	New	Investigate the use of anti-static mats on the platform	Matthew Toups	05/14/2015 02:37 PM
8759	uBoone Operations	Necessary Maintenance	New	Lexan cover installed over NIM bin in DAQ room	Matthew Toups	05/12/2015 03:32 PM
8736	uBoone Operations	Necessary Maintenance	New	MPod HV modules need to be labelled	Matthew Toups	05/12/2015 02:50 PM
8756	uBoone Operations	Necessary Maintenance	New	MPod HV modules need to be tested	Matthew Toups	05/12/2015 03:20 PM
8757	uBoone Operations	Necessary Maintenance	New	Mpod LV module need to be tested	Matthew Toups	05/12/2015 03:25 PM
8735	uBoone Operations	Necessary Maintenance	New	MPod LV modules need to be labelled	Matthew Toups	05/12/2015 02:49 PM
8723	uBoone Operations	Necessary Maintenance	New	Put LArTF network connection on UPS	Matthew Toups	05/14/2015 02:38 PM
8767	uBoone Operations	Necessary Maintenance	New	Relabel uboonedaq-seb-02	Matthew Toups	05/12/2015 05:44 PM

#	Project	Tracker	Status	Subject	Author	Updated
8739	uBoone Operations	Necessary Maintenance	New	Remove HV filter boxes from back of MPod	Matthew Toups	05/12/2015 02:57 PM
8753	uBoone Operations	Necessary Maintenance	New	Spare Wiener PL508 power supplies need to be load-tested	Matthew Toups	05/12/2015 03:15 PM
7700	uBoone Operations	Necessary Maintenance	New	Specify voltage and supply needed for field cage ring	Matthew Toups	01/28/2015 01:58 PM
9002	uBoone Operations	Necessary Maintenance	New	Submit EDR, get appoval	Taritree Wongjirad	06/02/2015 05:43 AM
8742	uBoone Operations	Necessary Maintenance	New	Write up summary and conclusions from remote viewing inside cryostat	Matthew Toups	05/12/2015 03:03 PM
7696	uBoone Operations	Necessary Maintenance	Closed	Check out and test laser-PMT-drift HV interlock box	Matthew Toups	05/27/2015 10:07 AM
7699	uBoone Operations	Necessary Maintenance	Closed	Check out the LAr level - drift_HV interlock	Matthew Toups	05/14/2015 02:30 PM
7695	uBoone Operations	Milestone	Closed	Install Muon Tagger at LArTF	Matthew Toups	10/15/2015 02:32 PM
7702	uBoone Operations	Necessary Maintenance	Closed	Investigate Glassman current monitoring precision	Matthew Toups	05/14/2015 02:31 PM
7703	uBoone Operations	Necessary Maintenance	Closed	Repair LAr liquid level probes	Matthew Toups	05/14/2015 02:31 PM
8151	uBoone Operations	Necessary Maintenance	Closed	review all crate temperature and fan speed alarm ranges	Glenn Horton-Smith	10/02/2015 08:01 PM
8150	uBoone Operations	Necessary Maintenance	Closed	review all our power supply alarm ranges	Glenn Horton-Smith	10/02/2015 08:00 PM
8152	uBoone Operations	Necessary Maintenance	Closed	review daq, pc status, and related alarm ranges	Glenn Horton-Smith	10/02/2015 08:01 PM
9001	uBoone Operations	Necessary Maintenance	Closed	Write EDR	Taritree Wongjirad	10/15/2015 02:29 PM
9003	uBoone Operations	Necessary Maintenance	Closed	Write interface code	Taritree Wongjirad	10/15/2015 02:27 PM

uBooNE Detector Physics (23)

#	Project	Tracker	Status	Subject	Author	Updated
11683	uBooNE Detector Physics	Task	New	Apply lifetime corrections to hits	Ben Carls	02/09/2016 11:41 AM
11673	uBooNE Detector Physics	Task	New	Apply lifetime correction to hits	Ben Carls	02/08/2016 11:41 AM
11682	uBooNE Detector Physics	Task	New	Apply recombination correction using modified Box model (or Birk's)	Ben Carls	02/09/2016 11:38 AM
11675	uBooNE Detector Physics	Task	New	Apply space charge correction if necessary	Ben Carls	02/08/2016 11:44 AM
9900	uBooNE Detector Physics	Milestone	New	Cosmic rate paper	Michael Weber	02/08/2016 11:08 AM
11686	uBooNE Detector Physics	Task	New	Create TPC reconstruction algorithm	Ben Carls	02/09/2016 11:43 AM
11667	uBooNE Detector Physics	Task	New	Get ADC to charge conversion from crossing tracks	Ben Carls	02/08/2016 11:35 AM

#	Project	Tracker	Status	Subject	Author	Updated
11668	uBooNE Detector Physics	Task	New	Get ADC to charge conversion from MuCS tracks	Ben Carls	02/08/2016 11:36 AM
11670	uBooNE Detector Physics	Task	New	Hypothesize the Bragg peak and scale measured charge to match	Ben Carls	02/08/2016 11:42 AM
9928	uBooNE Detector Physics	Task	New	Identify stopping cosmics	Herbert Greenlee	02/22/2016 02:00 PM
11669	uBooNE Detector Physics	Task	New	Identify stopping muons	Ben Carls	03/16/2016 02:17 PM
9927	uBooNE Detector Physics	Task	New	Identify through-going cosmics	Herbert Greenlee	02/22/2016 02:00 PM
10526	uBooNE Detector Physics	Task	New	Laser+Cosmics calibration methods	Jyoti Joshi	02/08/2016 10:51 AM
11671	uBooNE Detector Physics	Task	New	Look at data from different fields	Ben Carls	02/08/2016 11:42 AM
11674	uBooNE Detector Physics	Task	New	Look at hit width as a function of time	Ben Carls	02/08/2016 11:43 AM
11666	uBooNE Detector Physics	Task	New	Measure the ADC to charge conversion	Ben Carls	02/08/2016 11:33 AM
9898	uBooNE Detector Physics	Milestone	New	Purity Paper	Michael Weber	02/08/2016 11:05 AM
10515	uBooNE Detector Physics	Task	New	Special Laser and Cosmic Runs at 50kV, 60kV	Jyoti Joshi	02/08/2016 11:03 AM
11676	uBooNE Detector Physics	Task	New	Understand the double-exponential or exponential behavior	Ben Carls	02/11/2016 11:31 AM
11684	uBooNE Detector Physics	Task	New	Use ADC to charge conversion	Ben Carls	02/09/2016 11:40 AM
9904	uBooNE Detector Physics	Milestone	Assigned	Diffusion paper	Michael Weber	02/22/2016 01:58 PM
9930	uBooNE Detector Physics	Task	Assigned	Production TPC pedestal determination	Herbert Greenlee	02/22/2016 01:59 PM
10540	uBooNE Detector Physics	Milestone	Assigned	Space Charge Measurement Paper	Jyoti Joshi	02/22/2016 02:00 PM

uBooNE DAQ (35)

#	Project	Tracker	Status	Subject	Author	Updated
7542	uBooNE DAQ	Bug	New	DAQApplicationManager --- sebApps sometimes fail to start	Wesley Ketchum	12/18/2014 10:37 AM
10243	uBooNE DAQ	Idea	New	near real time ifbeam efficiency info	Glenn Horton-Smith	09/21/2015 05:45 PM
7828	uBooNE DAQ	Feature	New	RunControl --- ASIC and Pulser configurations done inside run control	Wesley Ketchum	03/11/2015 12:27 AM
7406	uBooNE DAQ	Feature	New	RunControl --- check marks in resource selection should be consistent (checkbox means either selected or deselected, not both)	Wesley Ketchum	12/02/2014 04:27 PM
7500	uBooNE DAQ	Bug	New	RunControl --- install area not properly populated with "setup" and ".upsfiles" upon creation	Wesley Ketchum	12/12/2014 02:33 PM
7550	uBooNE DAQ	Feature	New	RunControl --- Need way to know status of all processes	Wesley Ketchum	01/27/2015 10:58 AM
2926	uBooNE DAQ	Feature	Closed	Application Manager	Catherine James	12/10/2014 10:27 AM
2925	uBooNE DAQ	Feature	Closed	Automate Calibration	Catherine James	12/10/2014 10:27 AM
2930	uBooNE DAQ	Feature	Closed	Beam Data - acquisition, display, storage	Catherine James	12/10/2014 10:27 AM
2923	uBooNE DAQ	Feature	Closed	Configuration Manager	Catherine James	12/10/2014 10:27 AM
2934	uBooNE DAQ	Feature	Closed	Database requirements	Catherine James	12/10/2014 10:27 AM
2933	uBooNE DAQ	Feature	Closed	Data Logger	Catherine James	12/10/2014 10:27 AM
2936	uBooNE DAQ	Feature	Closed	EPICs-CSS system	Catherine James	12/10/2014 10:26 AM
2921	uBooNE DAQ	Feature	Closed	Event Viewer	Catherine James	12/10/2014 10:27 AM

#	Project	Tracker	Status	Subject	Author	Updated
2913	uBooNE DAQ	Feature	Closed	Fake Data Event Building	Catherine James	12/10/2014 10:27 AM
2911	uBooNE DAQ	Feature	Closed	Fake XMIT data from files to Assembler	Eric Church	12/10/2014 10:27 AM
2935	uBooNE DAQ	Feature	Closed	Glomation Interfaces	Catherine James	12/10/2014 10:27 AM
2918	uBooNE DAQ	Feature	Closed	Initial Run Control - States	Catherine James	12/10/2014 10:27 AM
2920	uBooNE DAQ	Feature	Closed	MF Logging from Event Builders	Catherine James	12/10/2014 10:27 AM
2915	uBooNE DAQ	Feature	Closed	Non-triggered data readout	Catherine James	12/10/2014 10:27 AM
2929	uBooNE DAQ	Feature	Closed	Online Event Display	Catherine James	12/10/2014 10:27 AM
2927	uBooNE DAQ	Feature	Closed	Online hooks to LArSoft	Catherine James	12/10/2014 10:27 AM
2928	uBooNE DAQ	Feature	Closed	Online Plots & Viewer	Catherine James	12/10/2014 10:27 AM
2932	uBooNE DAQ	Feature	Closed	Roto-Rooter	Catherine James	12/10/2014 10:27 AM
5816	uBooNE DAQ	Bug	Closed	Run Control --- Assembler not stopping when told to stop	Wesley Ketchum	12/02/2014 04:28 PM
2919	uBooNE DAQ	Feature	Closed	Run Control of Event Building	Catherine James	12/10/2014 10:27 AM
7405	uBooNE DAQ	Bug	Closed	RunControl --- startAssembler and startSEB scripts should be under version control	Wesley Ketchum	12/18/2014 10:28 AM
2922	uBooNE DAQ	Feature	Closed	Set up Calibration Hardware	Catherine James	12/10/2014 10:27 AM
2916	uBooNE DAQ	Feature	Closed	Set up DDS	Catherine James	12/10/2014 10:27 AM
2924	uBooNE DAQ	Feature	Closed	Set up Dispatcher	Catherine James	12/10/2014 10:27 AM
2917	uBooNE DAQ	Feature	Closed	Set up MF	Catherine James	12/10/2014 10:27 AM
2937	uBooNE DAQ	Feature	Closed	SN Runs	Catherine James	12/10/2014 10:26 AM
2939	uBooNE DAQ	Feature	Closed	Timestamp Implementation	Catherine James	12/10/2014 10:26 AM
2931	uBooNE DAQ	Feature	Closed	Timestamp Requirements	Catherine James	12/10/2014 10:27 AM
2914	uBooNE DAQ	Feature	Closed	Triggered data readout	Catherine James	12/10/2014 10:27 AM

uBooNE code (24)

#	Project	Tracker	Status	Subject	Author	Updated
8921	uBooNE code	Feature	New	Add standard fcl configurations and mc samples with space charge simulation.	Herbert Greenlee	05/26/2015 08:51 AM
8923	uBooNE code	Feature	New	Experiment-independent access to database calibration information in LArProperties	Herbert Greenlee	05/26/2015 08:54 AM
8925	uBooNE code	Feature	New	Experiment-independent channel filter in geometry service	Herbert Greenlee	05/27/2015 09:57 AM
13442	uBooNE code	Necessary Maintenance	New	Outdated specification for data product dictionary	Gianluca Petrillo	08/04/2016 02:49 PM
14177	uBooNE code	Bug	New	RootOutput and fileProperties	Herbert Greenlee	10/18/2016 10:54 AM
15670	uBooNE code	Bug	New	SimWireMicroBooNE results are not reproducible	Gianluca Petrillo	02/24/2017 05:33 PM
15127	uBooNE code	Bug	New	SpaceChargeService service is configured with the wrong name	Gianluca Petrillo	01/12/2017 06:28 PM
15851	uBooNE code	Bug	New	Test PropTest uses non-reproducible random stream	Gianluca Petrillo	03/13/2017 03:08 PM

#	Project	Tracker	Status	Subject	Author	Updated
22232	uBooNE code	Support	New	Uboonecode v08_00_00_11	Herbert Greenlee	03/27/2019 04:48 PM
22505	uBooNE code	Support	New	Uboonecode v08_00_00_13a	Herbert Greenlee	05/02/2019 03:57 PM
14634	uBooNE code	Bug	New	UBOpReadoutMap bugs	Herbert Greenlee	11/23/2016 11:38 AM
18998	uBooNE code	Necessary Maintenance	New	Verify the aggregation criteria for data product MuCS::MuCSDTOffset	Gianluca Petrillo	02/14/2018 06:28 PM
8920	uBooNE code	Feature	Closed	Add standard fcl configurations and mc samples with dynamic induced charge.	Herbert Greenlee	11/10/2016 12:31 PM
14401	uBooNE code	Bug	Closed	Art v2_05_00 failed assertion.	Herbert Greenlee	11/07/2016 03:21 PM
3344	uBooNE code	Bug	Closed	Better noise modeling in the Monte Carlo - MicroBooNE	Bruce Baller	04/09/2015 02:39 PM
20427	uBooNE code	Bug	Closed	Corrupt file in CVMFS uboonedata produces abnormal memory usage	Lorena Escudero sanchez	07/30/2018 10:42 AM
5515	uBooNE code	Bug	Closed	Error setting up local products on uboonegpvm04 (was: Broken release?)	Jonathan Asaadi	07/15/2014 10:29 AM
8924	uBooNE code	Feature	Closed	Experiment-independent access to database information in DetectorProperties	Herbert Greenlee	11/10/2016 12:29 PM
24562	uBooNE code	Support	Closed	SCE systematic uncertainty on LEE analyses	Tingjun Yang	10/20/2020 01:36 PM
5430	uBooNE code	Bug	Closed	setups_layout not found in setup_uboone.sh	Anne Schukraft	02/26/2014 10:27 AM
10141	uBooNE code	Bug	Closed	uboonedaq_datatypes dependency of uboonecode is not optional any more	Gianluca Petrillo	08/23/2016 01:06 PM
8927	uBooNE code	Feature	Closed	Web server with expanded storage capacity.	Herbert Greenlee	11/10/2016 12:27 PM
7235	uBooNE code	Bug	Closed	Why is this redmine SO slow?	Corey Adams	11/18/2014 10:47 AM
10844	uBooNE code	Bug	Rejected	Inconsistent dependencies in uboonecode	Gianluca Petrillo	11/06/2015 01:16 PM

uBAna (1)

#	Project	Tracker	Status	Subject	Author	Updated
22763	uBAna	Bug	New	NTupleInterface ignores fGPhaseSpace member of simb::GTruth	Steven Gardiner	06/19/2019 10:17 AM

tramalargu (4)

#	Project	Tracker	Status	Subject	Author	Updated
8114	tramalargu	Bug	New	Fortran 95 support in R	Giulio Stancari	03/18/2015 12:38 PM
8113	tramalargu	Idea	New	improve adaptive slicing of longitudinal coordinate	Giulio Stancari	03/18/2015 12:36 PM
9464	tramalargu	Bug	New	R diagnostic plots	Giulio Stancari	07/08/2015 02:17 PM
8112	tramalargu	Bug	New	tracking in R	Giulio Stancari	03/18/2015 12:35 PM

TrajCluster (5)

#	Project	Tracker	Status	Subject	Author	Updated
18068	TrajCluster	Feature	New	Add StudyMode feature to analyze hits	Bruce Baller	10/27/2017 01:56 PM
19121	TrajCluster	Bug	Resolved	Problem with running trajcluster on DUNE events	Tingjun Yang	02/28/2018 08:35 AM
21307	TrajCluster	Bug	Resolved	TrajCluster changes start/end ticks of hits in a multiplcity of hits	Tingjun Yang	11/08/2018 03:34 PM
21306	TrajCluster	Bug	Resolved	TrajCluster does not save one hit in a multiplicity of hits	Tingjun Yang	11/08/2018 03:37 PM
21293	TrajCluster	Bug	Resolved	TrajCluster does not save unclustered hits	Tingjun Yang	11/08/2018 03:47 PM

TRACE (6)

#	Project	Tracker	Status	Subject	Author	Updated
25261	TRACE	Idea	New	add stack usage - currently no	Ron Rechenmacher	11/27/2020 04:09 PM
24210	TRACE	Feature	New	Allow multiple TRACE user functions	Eric Flumerfelt	03/23/2020 02:04 PM
25236	TRACE	Feature	New	migrate to timespec	Ron Rechenmacher	11/22/2020 08:27 AM
25205	TRACE	Bug	New	tcntl help should be "cmd aware"	Ron Rechenmacher	11/13/2020 08:49 AM
25204	TRACE	Bug	Closed	tcntl lvlstrs needs raw level number	Ron Rechenmacher	11/16/2020 11:59 AM
25212	TRACE	Bug	Closed	v3_16_01 and some previous version -- tshow can hang if additional tracing happens simultaneously	Ron Rechenmacher	11/16/2020 11:58 AM

TIssueV2 (21)

#	Project	Tracker	Status	Subject	Author	Updated
2232	TIssueV2	Feature	New	script to migrate a detector and its issues from INT to PRD	Lauri Carpenter	11/29/2011 09:39 AM
2385	TIssueV2	Feature	New	TIssue exemption workflow changes	Lauri Carpenter	01/13/2012 12:36 PM
2362	TIssueV2	Feature	New	WorkFlow for Exemption Requests	Lauri Carpenter	01/09/2012 10:00 AM
1894	TIssueV2	Bug	Closed	Add a link to registration page for MIS, GM systems	Lauri Carpenter	10/25/2011 02:09 PM
2412	TIssueV2	Bug	Closed	"Bars series with value domain axis is not supported." error in pink ponies	Lauri Carpenter	01/24/2012 10:23 AM
2012	TIssueV2	Bug	Closed	Block not scheduled after remediation revoked.	Randy Reitz	11/03/2011 07:58 AM
2011	TIssueV2	Bug	Closed	Duplicate MAC addresses in block/unblock requests.	Randy Reitz	11/03/2011 07:58 AM
2142	TIssueV2	Bug	Closed	email not going out to everybody we think	Lauri Carpenter	11/11/2011 12:39 PM
2479	TIssueV2	Bug	Closed	email reminders should not go out when event is PENDING	Lauri Carpenter	02/14/2012 10:55 AM
2137	TIssueV2	Bug	Closed	fix that if issue is not configured for detail keywords it doesn't barf when you don't send them	Lauri Carpenter	11/11/2011 12:36 PM
2387	TIssueV2	Bug	Closed	Internal Server Error caused by illegal value in GUI ShowEvents Filter	Randy Reitz	01/25/2012 02:23 PM
2115	TIssueV2	Feature	Closed	more robust ip->mac translation in reportEvent	Lauri Carpenter	11/18/2011 11:53 AM
2361	TIssueV2	Bug	Closed	query event schedules fails for argument event_id=NNN	Lauri Carpenter	01/25/2012 02:48 PM
2468	TIssueV2	Bug	Closed	show events filter for system_identifier = cluster should show all events for that cluster	Lauri Carpenter	02/14/2012 10:56 AM
2469	TIssueV2	Feature	Closed	showEvents (GUI) should accept "bookmarked" queries, args same as API	Lauri Carpenter	02/14/2012 10:56 AM
2474	TIssueV2	Bug	Closed	showExemption/eId/ not showing expired exemptions	Lauri Carpenter	02/14/2012 10:56 AM
1903	TIssueV2	Feature	Rejected	Allow for a logout feature when logged using a KCA cert.	Michael Zalokar	11/01/2011 09:05 AM
1741	TIssueV2	Bug	Rejected	Elevated privileges needed to create new Detectors	Tim Rupp	09/16/2011 12:35 PM
1740	TIssueV2	Bug	Rejected	Elevated privileges needed to create new Remediations	Tim Rupp	09/16/2011 12:37 PM
2131	TIssueV2	Bug	Rejected	string matching not working as expected	Lauri Carpenter	11/11/2011 12:34 PM
3201	TIssueV2	Bug	Rejected	Testing Systems.py fails.	Michael Zalokar	09/12/2014 01:48 PM

TIMEAV (2)

#	Project	Tracker	Status	Subject	Author	Updated
22135	TIMEAV	Bug	New	Average Values Going to 0	Beau Harrison	03/13/2019 03:38 PM

#	Project	Tracker	Status	Subject	Author	Updated
21713	TIMEAV	Feature	New	Reinitialize Parameter on Reset Even in Error	Beau Harrison	01/17/2019 10:14 AM

Synoptic (11)

#	Project	Tracker	Status	Subject	Author	Updated
2182	Synoptic	Bug	New	Broken display cause memory leak on the server.	Andrey Petrov	11/19/2011 08:32 PM
3554	Synoptic	Bug	New	Cannot open Display	Pat Karns	02/28/2013 01:12 PM
2552	Synoptic	Feature	New	Create a mobile version of the webapp.	Andrey Petrov	03/13/2012 10:06 AM
2551	Synoptic	Feature	New	Implement an ACL component.	Andrey Petrov	03/13/2012 10:06 AM
2548	Synoptic	Feature	New	Implement Bar Plot component.	Andrey Petrov	03/13/2012 10:05 AM
2549	Synoptic	Feature	New	Implement log scale for all plots.	Andrey Petrov	03/13/2012 10:05 AM
2550	Synoptic	Feature	New	Improve the zoom function in plots.	Andrey Petrov	03/13/2012 10:06 AM
25294	Synoptic	Support	New	Need links for Nova Far Displays on synoptic home page	Dennis Nicklaus	12/08/2020 10:41 AM
1885	Synoptic	Bug	New	some components will not display data tag.	Dennis Nicklaus	09/19/2011 04:25 PM
2555	Synoptic	Idea	New	Start a real time plot of a device from the datalogger and then continue with current data	William Marsh	03/13/2012 01:29 PM
3552	Synoptic	Bug	New	Synoptic Display Failed	Pat Karns	02/28/2013 09:35 AM

Synergia2 (68)

#	Project	Tracker	Status	Subject	Author	Updated
3915	Synergia2	Feature	New	Add mean and std p_z/p_ref to the basic and full2 diagnostics	Eric Stern	05/21/2013 01:10 PM
8283	Synergia2	Bug	New	collimators	James Amundson	04/08/2015 04:30 PM
8383	Synergia2	Bug	New	combined function rbends need to be adjusted so their closed orbit exists	Eric Stern	04/21/2015 10:47 AM
7163	Synergia2	Bug	New	convert python script for reading particles from a file to c++	Eric Stern	10/15/2014 11:45 AM
11038	Synergia2	Bug	New	creating a stepper from a lattice read in from a mad8 file that contains no beam statement generates a misleading segfault from the bowels of lsexpr	Eric Stern	11/30/2015 10:41 PM
17180	Synergia2	Bug	New	devel-pre3 libff propagation fails when there is an odd number of particles using vector class	Eric Stern	07/13/2017 05:58 PM
4921	Synergia2	Bug	New	Impedance crashes if input file is not found	James Amundson	11/07/2013 01:17 PM
11726	Synergia2	Bug	New	implement tkicker	Eric Stern	02/15/2016 11:37 AM
10102	Synergia2	Bug	New	job with inpedance segfaults when resumed	Eric Stern	09/10/2015 03:51 PM
17052	Synergia2	Bug	New	libFF rfcavities are not set up to handle acceleration	Eric Stern	06/28/2017 10:08 AM
17051	Synergia2	Bug	New	libFF rfcavities do not anharmonic (displaced frequency) phase	Eric Stern	06/28/2017 10:01 AM
17089	Synergia2	Bug	New	lots of failures occur in test_libff_with chef when the bunch reference particle momentum is different from the lattice reference particle momentum	Eric Stern	06/29/2017 10:41 AM
7352	Synergia2	Bug	New	need a test for resume from python	Eric Stern	11/19/2014 02:04 PM
14237	Synergia2	Bug	New	populate_transverse_KV_GaussLong populates the bunch with an emittance that is 4 times smaller than the requested emittance	Eric Stern	10/24/2016 11:43 AM

#	Project	Tracker	Status	Subject	Author	Updated
4920	Synergia2	Bug	New	RBEND length can be either arc length or straight line length depending on the RBARC option setting	Eric Stern	11/07/2013 09:47 AM
10615	Synergia2	Bug	New	sbend using chef_mixed extractor_type with Independent_stepper_elements introduces spurious motion	Eric Stern	10/23/2015 06:16 AM
12825	Synergia2	Bug	New	synergia-resume throws an exception when run on the cxx_checkpoint example running on ubuntu 16.04 laptop but not my SL7 desktop	Eric Stern	06/01/2016 10:51 AM
15788	Synergia2	Bug	New	test_step apply in the twotrains_sc branch doesn't actually do anything	Eric Stern	03/08/2017 04:38 PM
13863	Synergia2	Bug	New	The libFF quadrupole element (in particular) doesn't handle hoffset and voffset attributes.	Eric Stern	09/15/2016 11:07 AM
15789	Synergia2	Bug	New	twotrains_sc should use the actual bucket_index member instead of the position of the bunch in the bunches list for z calculation.	Eric Stern	03/08/2017 04:39 PM
7222	Synergia2	Bug	New	using the Random_distribution().fill_unit_gaussian on the local_particles of a bunch messes things up	Eric Stern	10/27/2014 04:02 PM
6860	Synergia2	Bug	New	we have no good tests for non-standard elements	Eric Stern	08/26/2014 10:12 AM
4009	Synergia2	Bug	New	we need a synergia way to access the new number of thin kicks in a quadrupole chef feature	Eric Stern	06/06/2013 09:52 AM
11481	Synergia2	Bug	New	we will really need a way to get the actual path length or propagation time especially when we're using libFF propagation	Eric Stern	01/22/2016 05:50 PM
3813	Synergia2	Milestone	Resolved	Beta 1	James Amundson	05/07/2013 11:22 AM
3819	Synergia2	Bug	Closed	2d_open_hockney tests fail on some SL5 machines	Eric Stern	05/26/2013 10:50 PM
10930	Synergia2	Bug	Closed	3d space charge test real_apply_full_highgamma and real_apply_transverse_highgamma fail while the lowgamma versions pass	Eric Stern	11/19/2015 07:43 PM
7162	Synergia2	Bug	Closed	add option for cf sbends to use the madlike propagator	Eric Stern	12/09/2014 10:56 AM
13862	Synergia2	Feature	Closed	add second order slip factor and chromaticity	Eric Stern	09/15/2016 10:20 AM
7750	Synergia2	Bug	Closed	adjust_tunes is not set up to handle combined function magnets	Eric Stern	02/03/2015 09:58 AM
3919	Synergia2	Feature	Closed	allow continuation of "completed" runs	Eric Stern	06/11/2014 11:36 AM
6464	Synergia2	Bug	Closed	bunch injection doesn't handle momenta variables correctly when the two bunches have different reference momenta	Eric Stern	06/14/2014 04:46 PM
9199	Synergia2	Bug	Closed	can't create a stepper when an accelerating cavity is present before a combined function sbend containing a quadrupole component	Eric Stern	06/13/2015 04:43 PM
3836	Synergia2	Bug	Closed	chef_beamline_as_string is not wrapped in python	Eric Stern	05/09/2013 03:07 PM
8326	Synergia2	Bug	Closed	chef-libs/cmake fails when an external boost is pointed to by boost/include= and boost/lib= contract options	Eric Stern	04/17/2015 01:58 PM
4008	Synergia2	Bug	Closed	commxx_divider does not work with space_charge_2d_open_hockney solver	Eric Stern	06/11/2014 11:22 AM
6522	Synergia2	Bug	Closed	diagnostics_bulk_tracks segfaults if the offset is nonzero	Eric Stern	06/19/2014 04:06 PM
6985	Synergia2	Bug	Closed	generate_matched_bunch_transverse assumes protons, fails for electrons	Eric Stern	09/11/2014 05:23 PM
7689	Synergia2	Bug	Closed	lattice_simulator.update() leaks memory when the underlying lattice is from a madX file	Eric Stern	04/07/2015 05:06 PM

#	Project	Tracker	Status	Subject	Author	Updated
3947	Synergia2	Bug	Closed	libsynergia_command_line does not get installed	Eric Stern	05/28/2013 02:28 PM
7508	Synergia2	Bug	Closed	madx adaptor appears to make all quadrupoles have positive strength	Eric Stern	12/13/2014 09:21 AM
6797	Synergia2	Bug	Closed	madx adaptor does not handle skew moments k1s, k2s, etc.	Eric Stern	08/27/2014 12:27 PM
13615	Synergia2	Bug	Closed	Main Injector simulation with error multipoles added to the elements leaks memory in lattice_simulator.update()	Eric Stern	08/22/2016 05:02 PM
7353	Synergia2	Bug	Closed	need a test_diagnostics_bulk_track_mpi	Eric Stern	12/10/2015 11:24 AM
10573	Synergia2	Bug	Closed	new Lattice_element::get_lattice method needs to be serialized	Eric Stern	10/23/2015 06:10 AM
4048	Synergia2	Bug	Closed	no python wrapping for get_brho() method of Chef_lattice	Eric Stern	06/10/2013 04:24 PM
4453	Synergia2	Bug	Closed	no python wrapping to create a synergia Lattice() with a MadX_adaptor_map	Eric Stern	07/30/2013 10:53 AM
6399	Synergia2	Bug	Closed	polygon aperture fails to cut particle at 0 that is outside of aperture	Eric Stern	06/02/2014 10:10 PM
3826	Synergia2	Bug	Closed	print_cs_lattice_functions generates nonsense lines with PS lattice	Eric Stern	05/15/2013 03:53 PM
7179	Synergia2	Bug	Closed	rcollimator and ecollimator not handled in madx adaptors	Eric Stern	10/17/2014 04:31 PM
12217	Synergia2	Bug	Closed	reading a mad8 lattice that does not contain a beam statement segfaults on the first attempt	Eric Stern	06/07/2016 04:17 PM
6466	Synergia2	Bug	Closed	real_num is not calculated correctly when a bunch with charge is injected into an empty bunch	Eric Stern	06/16/2014 04:02 PM
7329	Synergia2	Bug	Closed	resume fails for sis18 job on the wilson cluster	Eric Stern	11/19/2014 02:04 PM
4945	Synergia2	Bug	Closed	some Lattice_simulator methods assume the particle is a proton	Eric Stern	11/13/2013 04:25 PM
3948	Synergia2	Bug	Closed	synergia/bunch/diagnostics_particles.h include file does not get installed	Eric Stern	05/28/2013 02:25 PM
12076	Synergia2	Bug	Closed	synergia propagation in madx skew multipoles does not match madx	Eric Stern	03/28/2016 02:17 PM
7576	Synergia2	Bug	Closed	test_space_charge_3d_open_hockney_mpi4 fails intermittently	Eric Stern	01/01/2015 03:41 PM
17807	Synergia2	Bug	Closed	The dispersion values in the CS lattice function array (and maybe others) are garbage	Eric Stern	10/03/2017 03:50 PM
12800	Synergia2	Bug	Closed	The Lattice::Lattice(Lattice &) copy constructor fails to copy the element_adaptor_map_sptr	Eric Stern	06/07/2016 04:17 PM
9015	Synergia2	Bug	Closed	There is no python wrapping for Lattice::get_element_adaptor_map()	Eric Stern	10/23/2015 09:22 AM
13861	Synergia2	Bug	Closed	the slip factor from lattice_simulator.get_slip_factor() changes after restart	Eric Stern	09/15/2016 10:17 AM
4136	Synergia2	Bug	Closed	tune adjustment does not work for the main injector	Eric Stern	06/17/2013 10:41 AM
8443	Synergia2	Bug	Rejected	when a job that has Diagnostics_particles enabled is resumed, the resumed job apparently does not continue to write out the particles.	Eric Stern	05/19/2015 01:04 PM
10487	Synergia2	Bug	Accepted	ecollimator and rcollimator not implemented for mad8 lattices	Eric Stern	10/23/2015 09:59 AM
6692	Synergia2	Bug	Remission	diagnostics_bulk_track segfaults (probably if one processor happens to lose all its particles)	Eric Stern	12/09/2014 11:32 AM
12177	Synergia2	Bug	Remission	Hdf_file class fails on reading diagnostics in the libffgsvopenmp-ql branch	Eric Stern	04/06/2016 02:23 PM
6395	Synergia2	Bug	Remission	The particle at with ID 0.0 will not be cut even if it doesn't fit through an aperture if there are any other particles in the bunch	Eric Stern	06/03/2014 09:21 AM

#	Project	Tracker	Status	Subject	Author	Updated
11117	Synergia2	Bug	Remission	wilson-cluster bundle doesn't include lsexpr library	Eric Stern	12/10/2015 01:32 PM

Superconducting Quantum Computing (4)

#	Project	Tracker	Status	Subject	Author	Updated
23805	Superconducting Quantum Computing	Task	New	DR1_Run_6 - Measure 3 GHz cavities	Daniil Frolov	12/26/2019 11:01 AM
23809	Superconducting Quantum Computing	Task	New	DR1_Run_6 - Measure qubit from McDermott	Daniil Frolov	02/13/2020 11:49 AM
25193	Superconducting Quantum Computing	Task	New	DR2 cooldown test	Sergey Belomestnykh	11/13/2020 09:05 AM
22836	Superconducting Quantum Computing	Task	New	spectroscopy 2.6	Silvia Zorzetti	07/08/2019 11:54 AM

Summer Shutdown 2017 (14)

#	Project	Tracker	Status	Subject	Author	Updated
16316	Summer Shutdown 2017	Bug	New	BufferNodeEVB	Eric Flumerfelt	04/25/2017 12:00 PM
16317	Summer Shutdown 2017	Bug	New	DAQApplicationManager	Eric Flumerfelt	04/25/2017 12:02 PM
16270	Summer Shutdown 2017	Feature	New	DAQ Dashboard Devel.	Andrew Norman	04/21/2017 10:23 AM
16271	Summer Shutdown 2017	Feature	New	DAQ On-Call Expert Documentation	Andrew Norman	04/21/2017 10:23 AM
16269	Summer Shutdown 2017	Feature	New	DAQ/Trigger Repository Change	Andrew Norman	04/21/2017 10:20 AM
16267	Summer Shutdown 2017	Feature	New	DSO scan reprocess fixes	Andrew Norman	04/21/2017 10:21 AM
16266	Summer Shutdown 2017	Feature	New	DSO Scan Retries	Andrew Norman	04/21/2017 10:21 AM
16272	Summer Shutdown 2017	Feature	New	Expert Desktop Setup	Andrew Norman	04/21/2017 10:23 AM
16273	Summer Shutdown 2017	Feature	New	Ganglia Upgrade	Andrew Norman	04/21/2017 10:24 AM
16314	Summer Shutdown 2017	Feature	New	NovaDAQMonitorClient upgrade	Eric Flumerfelt	04/25/2017 11:54 AM
16318	Summer Shutdown 2017	Bug	New	NovaDataLogger	Eric Flumerfelt	04/25/2017 12:04 PM
16315	Summer Shutdown 2017	Feature	New	Report DCM fan speeds to Ganglia	Eric Flumerfelt	04/25/2017 11:57 AM
16274	Summer Shutdown 2017	Task	New	Trigger Validation Framework	Andrew Norman	04/21/2017 10:40 AM
16268	Summer Shutdown 2017	Feature	New	VNC version alignment	Andrew Norman	04/21/2017 10:19 AM

studio (3)

#	Project	Tracker	Status	Subject	Author	Updated
16309	studio	Bug	Closed	Nothing in studio sets FHICL_FILE_PATH	Adam Lyon	01/18/2018 10:17 AM
16335	studio	Necessary Maintenance	Accepted	Do you need the "setliblist.cmake" file?	Adam Lyon	01/18/2018 10:10 AM
16307	studio	Feature	Accepted	Setup script for a studio area does not set up cmake, causing studio build to fail	Adam Lyon	05/01/2017 11:43 AM

storage-investigation-2010-11 (5)

#	Project	Tracker	Status	Subject	Author	Updated
1357	storage-investigation-2010-11	Feature	New	Sub-Subtask	Gabriele Garzoglio	06/07/2011 01:44 PM

#	Project	Tracker	Status	Subject	Author	Updated
1355	storage-investigation-2010-11	Feature	New	Sub-Task Test1.1	Gabriele Garzoglio	06/07/2011 01:44 PM
1356	storage-investigation-2010-11	Feature	New	Sub-Task Test1.2	Gabriele Garzoglio	06/07/2011 01:43 PM
1353	storage-investigation-2010-11	Feature	New	Sub-Task Test2.1	Gabriele Garzoglio	06/07/2011 01:38 PM
1352	storage-investigation-2010-11	Feature	New	Test2	Gabriele Garzoglio	06/07/2011 01:38 PM

Spack Planning (26)

#	Project	Tracker	Status	Subject	Author	Updated
24271	Spack Planning	Bug	Resolved	spack install cetlib@develop issue	Eric Flumerfelt	04/27/2020 07:04 AM
18396	Spack Planning	Milestone	Accepted	Build a basic tool stack comprising two distinct toolchains (discounting native compiler) on one Linux and one MacOS platform.	Christopher Green	08/27/2018 10:31 AM
18397	Spack Planning	Milestone	Accepted	Build an empty product that has only dependencies.	Christopher Green	08/27/2018 10:31 AM
18399	Spack Planning	Milestone	Accepted	Build a small set of products, move and then build a new product against them.	Christopher Green	08/27/2018 10:31 AM
18428	Spack Planning	Milestone	Accepted	Cease distribution of new software releases using relocatable UPS, and of all devel- opment of relocatable UPS-bound cetbuildtools, and of MRB.	Christopher Green	08/27/2018 10:31 AM
18421	Spack Planning	Milestone	Accepted	Clean up an old release distribution while retaining those products that are required by other releases.	Christopher Green	08/27/2018 10:31 AM
18406	Spack Planning	Milestone	Accepted	Configure the current environment to be able to use a product.	Christopher Green	08/27/2018 10:31 AM
18412	Spack Planning	Milestone	Accepted	Demonstrate successful use of interactive Root after relocation.	Christopher Green	08/27/2018 10:31 AM
18423	Spack Planning	Milestone	Accepted	Demonstrate the ability to install easily and maintain and use a workable installation of multiple release distributions.	Christopher Green	08/27/2018 10:31 AM
18426	Spack Planning	Milestone	Accepted	Obtain agreement in principle from all software projects and experimental collabo- rations still using one or more components of the old system.	Christopher Green	08/27/2018 10:31 AM
18427	Spack Planning	Milestone	Accepted	Obtain agreement on an end date from all stakeholders, with agreement from management on the effort required to support both systems during the transition period.	Christopher Green	08/27/2018 10:31 AM
18425	Spack Planning	Milestone	Accepted	Obtain Fermilab management buy-in on replacement of the old ecosystem.	Christopher Green	08/27/2018 10:31 AM
18417	Spack Planning	Milestone	Accepted	Produce a full distribution built using the Jenkins facility, and successful use thereof.	Christopher Green	08/27/2018 10:31 AM
18420	Spack Planning	Milestone	Accepted	Produce a release distribution utilizing debug variants of art suite and selected third party products.	Christopher Green	08/27/2018 10:31 AM
18424	Spack Planning	Milestone	Accepted	Produce a set of automated tests of the ecosystem to guard against regressions introduced during continued development of its constituent tools.	Christopher Green	08/27/2018 10:31 AM
18411	Spack Planning	Milestone	Accepted	Produce a Spack-based distribution of the canvas product stack art-precursor distribution on both toolchains and both platforms mentioned above.	Christopher Green	08/27/2018 10:31 AM
18413	Spack Planning	Milestone	Accepted	Produce a successful Spack build of the art and gallery suites passing all tests.	Christopher Green	08/27/2018 10:31 AM
18415	Spack Planning	Milestone	Accepted	Produce a successful Spackdev build of critic, passing all tests, using art and gallery as installed and relocated.	Christopher Green	08/27/2018 10:31 AM

#	Project	Tracker	Status	Subject	Author	Updated
18414	Spack Planning	Milestone	Accepted	Produce a successful Spackdev build of the art and gallery suites passing all tests.	Christopher Green	08/27/2018 10:31 AM
18416	Spack Planning	Milestone	Accepted	Produce usable relocatable UPS tarballs for products built using Spack and Spack- dev.	Christopher Green	08/27/2018 10:31 AM
18418	Spack Planning	Milestone	Accepted	Select and use one of two available variants of a release distribution.	Christopher Green	08/27/2018 10:31 AM
18419	Spack Planning	Milestone	Accepted	Select and use one of two available versions of a release distribution.	Christopher Green	08/27/2018 10:31 AM
18408	Spack Planning	Milestone	Accepted	Set up multiple products for use by referring directly only to an umbrella product.	Christopher Green	08/27/2018 10:31 AM
18410	Spack Planning	Milestone	Accepted	Use successfully a non-trivial product relocated to a system where a dependency is a virtual package whose definition and/or location has changed.	Christopher Green	08/27/2018 10:31 AM
18409	Spack Planning	Milestone	Accepted	Use successfully a non-trivial product relocated to a system with a materially different pacakges.yaml.	Christopher Green	08/27/2018 10:31 AM
18422	Spack Planning	Milestone	Accepted	When building releases against multiple compilers, avoid unnecessary duplica- tion of installations of non-architecture- or non-compiler-dependent products.	Christopher Green	08/27/2018 10:31 AM

Spack Infrastructure (29)

#	Project	Tracker	Status	Subject	Author	Updated
22907	Spack Infrastructure	Task	New	Build recipe files for SAM dependencies not already in spack	Marc Mengel	07/10/2019 01:17 PM
22902	Spack Infrastructure	Milestone	New	Convert POMS to install with spack rather than using virtualenv	Marc Mengel	11/18/2019 10:23 AM
22903	Spack Infrastructure	Milestone	New	Convert SAM to install with spack rather than ups / virtualenv	Marc Mengel	07/10/2019 01:22 PM
22906	Spack Infrastructure	Task	New	Design development setup (spack install + pip -e ?)	Marc Mengel	07/10/2019 01:03 PM
24484	Spack Infrastructure	Feature	New	double check undoing libxml2 vs python hacks in recipes.	Marc Mengel	05/27/2020 03:39 PM
22911	Spack Infrastructure	Task	New	Dual-mode /cvmfs/fermi.opensciencegrid.org/products/larsoft	Marc Mengel	07/11/2019 02:32 PM
22910	Spack Infrastructure	Task	New	Dual-mode grid/fermiapp/products	Marc Mengel	07/11/2019 02:31 PM
22909	Spack Infrastructure	Milestone	New	Dual-mode spack/ups major product areas	Marc Mengel	07/29/2019 02:59 PM
24785	Spack Infrastructure	Bug	New	fontconfig FREETYPE_LIBS pull request upstream	Marc Mengel	08/17/2020 03:18 PM
24483	Spack Infrastructure	Feature	New	freetype in fontutil	Marc Mengel	05/27/2020 03:26 PM
22908	Spack Infrastructure	Task	New	Install Development sam-web, station via spack	Marc Mengel	07/10/2019 01:22 PM
22905	Spack Infrastructure	Task	New	Install via spack on development POMS instance	Marc Mengel	11/18/2019 10:23 AM
24485	Spack Infrastructure	Feature	New	-lintl woes with system gettext on RedHat/Centos/ScientificLinux	Marc Mengel	05/27/2020 03:33 PM
22912	Spack Infrastructure	Milestone	New	Migrate first experiment (Dune?)	Marc Mengel	07/10/2019 01:52 PM
24480	Spack Infrastructure	Feature	New	os scope request	Marc Mengel	05/27/2020 05:06 PM
24787	Spack Infrastructure	Bug	New	pull request upstream: find_library allow foo.so.2, foo.so.3, etc.	Marc Mengel	08/17/2020 03:18 PM
24789	Spack Infrastructure	Bug	New	pull request upstream: +usesystemlib on py-astropy	Marc Mengel	08/17/2020 03:09 PM
24487	Spack Infrastructure	Feature	New	py-astropy variant from vito	Marc Mengel	05/27/2020 03:36 PM

#	Project	Tracker	Status	Subject	Author	Updated
23616	Spack Infrastructure	Task	New	Spack Documentation Guide	Stephen White	11/18/2019 10:23 AM
24481	Spack Infrastructure	Feature	New	system bzip vs boost	Marc Mengel	05/27/2020 02:56 PM
24479	Spack Infrastructure	Feature	New	system package dependency check	Marc Mengel	05/27/2020 02:33 PM
24486	Spack Infrastructure	Feature	New	termlib vs ncurses recheck	Marc Mengel	05/27/2020 03:34 PM
24478	Spack Infrastructure	Feature	New	Tracking upstream request ups table/version file bits	Marc Mengel	05/27/2020 02:32 PM
23312	Spack Infrastructure	Bug	New	ups_to_spack makes unspecified dependency loads...	Marc Mengel	11/18/2019 10:23 AM
24788	Spack Infrastructure	Bug	New	upstream pull request: gcc w/binutils convolves static libstdc++...	Marc Mengel	08/17/2020 03:17 PM
24786	Spack Infrastructure	Bug	New	upstream pull request: -lintl woes	Marc Mengel	08/17/2020 03:17 PM
24790	Spack Infrastructure	Bug	New	upstream pull request py-cheroot patch	Marc Mengel	08/17/2020 03:09 PM
23311	Spack Infrastructure	Bug	Work in progress	ups_to_spack makes broken module files	Marc Mengel	11/18/2019 10:23 AM
22890	Spack Infrastructure	Feature	Under Discussion	SciSoft Tarball builder	Marc Mengel	07/10/2019 10:13 AM

Solenoid scans (4)

#	Project	Tracker	Status	Subject	Author	Updated
6318	Solenoid scans	Bug	New	Slice allocation error when using trmat.tramalargu.call (trmat.tramalargu.file seems fine)	Giulio Stancari	05/22/2014 10:31 AM
6358	Solenoid scans	Bug	Closed	error loading dynamic library in Linux: dyn.load('getmatR-Linux.so')	Giulio Stancari	05/29/2014 02:28 PM
6345	Solenoid scans	Bug	Closed	nls() fit occasionally fails on YAG images; replace with optim()?	Giulio Stancari	05/29/2014 02:29 PM
6356	Solenoid scans	Bug	Closed	R temporary files generated by fit2sets.R may fill /tmp area	Giulio Stancari	05/29/2014 02:29 PM

SOFTWARE (8)

#	Project	Tracker	Status	Subject	Author	Updated
5111	SOFTWARE	Bug	New	BeamDataUtil/BDSpillAccessor assumes DBI rows come back from DB time ordered	Robert Hatcher	12/18/2013 12:06 PM
5113	SOFTWARE	Bug	New	MINOS code doesn't run when build 64-bit	Robert Hatcher	12/19/2013 01:34 AM
2396	SOFTWARE	Bug	New	Nightly build partial failure due to SLF5 upgrade	Robert Hatcher	01/17/2012 02:03 PM
2138	SOFTWARE	Bug	New	Problems running dogwood5 on R2.6 through R2.8 (+development)	Robert Hatcher	11/10/2011 05:01 PM
1959	SOFTWARE	Bug	New	SLF5 issues	Robert Hatcher	10/04/2011 03:34 PM
1962	SOFTWARE	Support	New	Transition to SLF6	Robert Hatcher	10/04/2011 05:04 PM
2005	SOFTWARE	Bug	Closed	Possible pathology in std track fitter E~100 GeV	Robert Hatcher	09/08/2020 02:42 PM
2006	SOFTWARE	Bug	Closed	Suspected bug (bias) in Track Fitter	Robert Hatcher	11/23/2011 10:51 AM

Simulation Tools and Features (4)

#	Project	Tracker	Status	Subject	Author	Updated
9600	Simulation Tools and Features	Support	New	Get ANNIE experiment setup to use artg4tk	Robert Hatcher	07/13/2015 11:47 AM
9603	Simulation Tools and Features	Support	New	Write code to stop/write out artg4tk particles entering ANNIE detector	Robert Hatcher	07/13/2015 11:53 AM
9601	Simulation Tools and Features	Support	New	Write module so artg4tk can read GENIE output	Robert Hatcher	07/13/2015 11:49 AM

#	Project	Tracker	Status	Subject	Author	Updated
9602	Simulation Tools and Features	Support	New	Write stepping/stacking action for ANNIE neutron study in artg4tk	Robert Hatcher	07/13/2015 11:51 AM

Simulation Pipeline (9)

#	Project	Tracker	Status	Subject	Author	Updated
3863	Simulation Pipeline	Support	New	module numbering and labeling	Brian Nord	05/13/2013 03:48 PM
3758	Simulation Pipeline	Idea	Closed	Chunking of spectra	Ben Hambrecht	05/21/2013 02:42 AM
3385	Simulation Pipeline	Bug	Closed	Consistency	Ben Hambrecht	04/17/2013 11:03 AM
3440	Simulation Pipeline	Feature	Closed	Data bank - almost there	Ben Hambrecht	04/17/2013 11:05 AM
3526	Simulation Pipeline	Bug	Closed	FA runtime	Ben Hambrecht	04/17/2013 11:18 AM
3462	Simulation Pipeline	Feature	Closed	Gals in tile	Ben Hambrecht	04/17/2013 10:59 AM
3386	Simulation Pipeline	Bug	Closed	Spectra	Ben Hambrecht	03/05/2013 08:26 AM
3535	Simulation Pipeline	Bug	Closed	Survey Strategy tiles disappear	Ben Hambrecht	04/17/2013 11:18 AM
3864	Simulation Pipeline	Feature	Closed	use function name instead of number in python call to run pipeline	Brian Nord	06/18/2013 10:12 AM

SIMULATION (3)

#	Project	Tracker	Status	Subject	Author	Updated
1380	SIMULATION	Bug	Closed	Bg in the script	Rashid Mehdiyev	09/24/2011 09:39 AM
2703	SIMULATION	Support	Closed	Cosmic Muons for FD	Jarek Nowak	06/14/2012 01:18 PM
1371	SIMULATION	Support	Closed	MC Production Request	Jarek Nowak	09/24/2011 09:40 AM

Simons Foundation Data Management (11)

#	Project	Tracker	Status	Subject	Author	Updated
13040	Simons Foundation Data Management	Task	New	Client changes	Robert Illingworth	06/24/2016 01:13 PM
13038	Simons Foundation Data Management	Task	New	Deploy self-registration	Robert Illingworth	06/24/2016 01:07 PM
13039	Simons Foundation Data Management	Task	New	Documentation	Robert Illingworth	06/24/2016 01:09 PM
13022	Simons Foundation Data Management	Task	New	Enable Open ID CILogin auth	Robert Illingworth	06/23/2016 02:58 PM
13036	Simons Foundation Data Management	Task	New	Front-end web pages	Robert Illingworth	06/24/2016 01:09 PM
13010	Simons Foundation Data Management	Task	New	Modify SAMWeb	Robert Illingworth	06/23/2016 02:47 PM
13011	Simons Foundation Data Management	Task	New	Open ID Authentication	Robert Illingworth	06/23/2016 02:48 PM
13013	Simons Foundation Data Management	Task	New	Remove HEP specific features	Robert Illingworth	06/23/2016 02:46 PM
13015	Simons Foundation Data Management	Task	New	Remove unnecessary query terms	Robert Illingworth	06/23/2016 02:46 PM

#	Project	Tracker	Status	Subject	Author	Updated
13021	Simons Foundation Data Management	Task	New	Request security variance for OpenID cert access	Robert Illingworth	06/23/2016 02:56 PM
13016	Simons Foundation Data Management	Task	New	Set up and install server	Robert Illingworth	06/23/2016 03:01 PM

ServiceNOW (1)

#	Project	Tracker	Status	Subject	Author	Updated
13307	ServiceNOW	Idea	New	make SN blue and orange	Theodore Schmidt	07/20/2016 11:27 AM

SeaScape (20)

#	Project	Tracker	Status	Subject	Author	Updated
6531	SeaScape	Bug	New	Add fixed elementIDs to the Detector page	Markus Diefenthaler	06/20/2014 01:18 PM
6616	SeaScape	Idea	New	Clock, last updated?	Markus Diefenthaler	07/11/2014 01:57 AM
6601	SeaScape	Idea	New	Efficiency/Purity calculations	Markus Diefenthaler	07/10/2014 03:41 PM
6615	SeaScape	Idea	New	Export functionality - ELOG support	Markus Diefenthaler	07/11/2014 01:55 AM
6602	SeaScape	Idea	New	Hot Road Analysis	Markus Diefenthaler	07/10/2014 03:41 PM

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