AD Controls Department - Issues

#	Tracker	Status	Priority	Subject	Assignee	Updated
25459	Feature	New	Normal	Use Python's enum module for enumerations	Richard Neswold	02/01/2021 02:12 PM
25396	Bug	New	Normal	P:L30Z ADC change	Richard Neswold	01/13/2021 02:47 PM
25332	Feature	New	Normal	Add support for alarm checking on other than the default FTD		12/17/2020 12:41 PM
25290	Bug	Assigned	Normal	resint crashes if a udp:send fails	Dennis Nicklaus	12/07/2020 02:53 PM
25041	Support	New	Normal	Timestamps between front-ends for a given event are not the same		10/01/2020 01:57 PM
25026	Feature	Assigned	Normal	Add BBM support to MADC burst driver	Richard Neswold	09/29/2020 02:30 PM
24981	Feature	New	Normal	Expand alarm reporting to indicate reading errors.		09/17/2020 09:57 AM
24980	Feature	New	Normal	Expand alarm reporting to indicate reading errors.		09/18/2020 03:26 PM
24938	Bug	New	Normal	Gracefully handle ACNET startup errors.		09/09/2020 03:51 PM
24723	Bug	New	Normal	State device labels aren't available	Richard Neswold	08/05/2020 03:29 PM
24591	Bug	Resolved	Normal	New DPM won't read on event for certain erlang front-ends on the CMTF subnet	Charles King	07/02/2020 11:39 AM
24568	Feature	New	Normal	Add local IP lookup to acnetd.	Richard Neswold	06/26/2020 11:50 AM
24382	Feature	New	Normal	Create v2 of DPM protocol	Richard Neswold	05/14/2020 09:06 AM
24377	Bug	Assigned	Normal	Alarm Limits Don't Convey Nom/Tol	Beau Harrison	05/06/2020 03:41 PM
24376	Feature	New	Normal	Scapy Network Message Monitor	Beau Harrison	05/05/2020 08:35 AM
24370	Bug	New	Normal	Python None Type Comparison	Charles King	05/01/2020 11:23 AM
24352	Feature	New	Normal	Data Source Requests		04/28/2020 10:44 AM
24298	Support	Assigned	Normal	BST1 and IPMCNT are not responding	Richard Neswold	04/20/2020 02:39 PM
24267	Feature	New	Normal	Central respository/database for Erlang Alarm reports		04/04/2020 02:05 PM
24253	Bug	Assigned	Normal	Nova Test Beam Scalers logged on Event 37 missing 2/3 of data	Dennis Nicklaus	04/14/2020 01:52 PM
24240	Bug	New	Normal	Update JavaScript DPM Client to conform to new practices and remove deprecated code	Beau Harrison	03/27/2020 09:31 AM
24237	Bug	New	Normal	JavaScript Data Logger Data Doesn't have Timestamps	Beau Harrison	03/27/2020 08:08 AM
24195	Idea	New	Normal	Support Python as a Light Weight FE Framework		06/23/2020 02:16 PM
24184	Bug	New	Normal	The gssapi library is not available in Windows	Beau Harrison	03/13/2020 01:07 PM
24157	Idea	New	Normal	Time Series Database		03/09/2020 04:58 PM
24156	Bug	New	Normal	Bursts of State Changes		03/09/2020 04:55 PM
24153	Idea	New	Normal	Device Scaling Transforms Audit		03/09/2020 12:30 PM
24152	Feature	New	Normal	Conditional Alarm States		03/09/2020 10:24 AM
24051	Feature	New	Normal	Python Package	Beau Harrison	02/13/2020 08:59 AM
23996	Feature	New	Normal	Lazy Load gssapi Module for Python Client	Beau Harrison	02/04/2020 08:04 AM
23968	Support	New	High	Audit SQL usage in front-ends	Dennis Nicklaus	01/29/2020 10:03 AM

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23957	Support	Assigned	Normal	Bad device in config	Dennis Nicklaus	01/27/2020 11:12 AM
23911	Support	Work in progress	Normal	Have ACNET access to select PVs from the CMTF 3.9 LLRF EPICS systems	Dennis Nicklaus	01/16/2020 02:52 PM
23910	Feature	Assigned	Normal	Be able to return the return status from acnet setting to erlang requestor	Dennis Nicklaus	01/16/2020 09:57 AM
23907	Task	Feedback	Normal	Request for Device Driver that Fans Out a Setting	Dennis Nicklaus	01/16/2020 09:30 AM
23813	Bug	Assigned	Normal	System time occasionally jumps ahead by a second when using IP-UCD	Richard Neswold	12/30/2019 12:51 PM
23806	Support	Feedback	High	TLG Front end clock drift problems	Linden Carmichael	01/14/2020 01:40 PM
23602	Feature	New	Normal	ACNETD Local Config for Nodes	Beau Harrison	11/14/2019 11:24 AM
23501	Support	Assigned	Normal	Install 4 more V474 cards in MC1HRM	Richard Neswold	10/31/2019 02:43 PM
23481	Bug	New	Normal	No Info on Data Callback	Beau Harrison	10/28/2019 07:56 PM
23463	Support	New	Normal	Labels on Crates/processors at NML, please!	Dennis Nicklaus	10/23/2019 11:31 AM
23421	Bug	New	Normal	ACNET Connection Retries are too Aggressive	Beau Harrison	10/14/2019 02:10 PM
23417	Feature	New	Normal	Decimate Rate		10/14/2019 10:58 AM
23415	Feature	New	Normal	Settings		10/28/2019 07:55 PM
23351	Idea	New	Normal	Reimagining the Parameter Page		09/30/2019 08:27 AM
23344	Support	Assigned	Normal	Node down errors from aliased acnet nodes since erlang dpm shutdown	Charles King	01/28/2020 01:57 PM
23335	Idea	New	Normal	Merge master-py3 to master branch	Beau Harrison	09/26/2019 10:35 AM
23258	Bug	New	Normal	Python Client Doesn't Handle Status and Alarm Replies		02/13/2020 08:53 AM
23252	Bug	New	Normal	Python DPM Client Library Error Message		09/10/2019 03:29 PM
23153	Support	Assigned	Normal	Write DABBEL template for 473 devices	Richard Neswold	08/21/2019 11:18 AM
23110	Feature	New	Normal	Request for 15Hz readout of one MFTU segment	Dennis Nicklaus	08/13/2019 12:09 PM
23100	Bug	New	Normal	Sets32 Settings Fail from FSM to Mooc fail with MOOC_ACNET_COMM_ERROR		08/12/2019 11:34 AM
22974	Support	Assigned	High	Add trunks 15 and 16 for IRMs	Mike Sliczniak	12/16/2020 12:46 PM
22973	Support	Assigned	High	Add trunks 15 and 16 in Linac front-ends	Mike Sliczniak	12/16/2020 12:46 PM
22972	Support	Feedback	High	Add trunks 15 and 16 to MOOC	Richard Neswold	11/12/2020 11:28 AM
22971	Support	New	High	Need to add trunks 15 and 16 to node table		07/22/2019 10:19 AM
22851	Support	Assigned	Normal	Add new 3805 board	Richard Neswold	07/01/2019 10:30 AM
22708	Support	Assigned	Normal	Erlang library needs to be updated	Richard Neswold	06/10/2019 02:37 PM
22702	Bug	Assigned	Normal	Problem with LLRF OTSDaq interface process not dying	Dennis Nicklaus	06/07/2019 05:22 PM
22620	Task	Assigned	Normal	Document Device Creation for OPC and SNMP OACs	Jianming You	05/22/2019 05:06 PM
22390	Bug	New	Normal	MACALC devices stop updating after some amount of time		04/17/2019 11:28 AM
22352	Feature	New	Normal	Change Javascript client library to use worker thread	Richard Neswold	04/10/2019 11:49 AM
22295	Support	Feedback	Normal	Some new Dawn VME crates have an extra field in the parameters read back	Dennis Nicklaus	04/08/2019 09:37 AM
22235	Support	Assigned	High	Add more driver slots in 6.4 kernels	Mike Sliczniak	03/28/2019 10:18 AM

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22135	Bug	New	Normal	Average Values Going to 0		03/13/2019 03:38 PM
22092	Feature	New	Normal	Multiple Clock Events for Requests		03/07/2019 04:44 PM
22091	Feature	New	Normal	Dynamic Size and Segments for Parameters		03/07/2019 04:42 PM
22088	Feature	New	Normal	SNP Data Requests		03/07/2019 03:24 PM
22087	Feature	New	Normal	FTP Data Requests		03/07/2019 04:27 PM
22086	Feature	New	Normal	Save/Restore Redirect		03/07/2019 03:23 PM
22085	Feature	New	Normal	Historical Data Request		03/07/2019 03:21 PM
22084	Feature	New	Normal	Making Settings		03/20/2019 02:48 PM
22083	Feature	New	Normal	Dynamic Properties		03/07/2019 04:22 PM
22082	Milestone	New	Normal	EPICS Support		03/07/2019 03:13 PM
21874	Bug	Remission	Normal	Device Reading NaN	Beau Harrison	02/18/2019 08:20 AM
21864	Feature	New	Normal	Add Node Configuration Changes to DBNEWS		02/07/2019 11:38 AM
21808	Support	New	Normal	Make the camera server C software less verbose		01/30/2019 02:38 PM
21796	Bug	Assigned	Normal	ps_lxi_driver problems with init -- undef	Richard Neswold	01/30/2019 01:29 PM
21791	Feature	New	Normal	Lifetime calculation for electron beam	Beau Harrison	02/18/2019 08:39 AM
21785	Feature	Feedback	Normal	Add Rust as a supported language	Richard Neswold	04/01/2019 03:08 PM
21725	Feature	Work in progress	Normal	Create an ACNET interface for NWA Omega PID temperature controllers	Dennis Nicklaus	03/19/2019 04:55 PM
21724	Feature	New	Normal	Create driver to receive image summary data from IOTA cameras	Dennis Nicklaus	01/18/2019 03:22 PM
21713	Feature	New	Normal	Reinitialize Parameter on Reset Even in Error		01/17/2019 10:14 AM
21708	Bug	Assigned	Urgent	LXI PS Driver is occasionally returning [57 -107] when setting	Richard Neswold	02/04/2019 01:19 PM
21675	Support	Assigned	Normal	Complete motor control stations 107 and 118 at NML.	Richard Neswold	01/17/2019 03:01 PM
21672	Bug	Feedback	High	ps_lxi_driver downloads problem at startup, alarms fail	Richard Neswold	10/25/2019 12:42 PM
21660	Feature	New	Normal	Use class syntax for request, reply, and structs in Javascript generator		04/05/2019 12:49 PM
21659	Feature	New	Normal	Redesign the output from the Javascript generator.		09/10/2019 10:23 AM
21554	Support	New	Low	Remove dependency of erl-daq from erl-dpmclient	Richard Neswold	12/14/2018 11:15 AM
21493	Bug	Assigned	Normal	iota_magnet_comb_drv repeatedly crashes	Jianming You	12/06/2018 11:26 AM
21492	Bug	New	Normal	When dev_registry restarts all drivers because one driver crashes too much, settings don't get downloaded		12/06/2018 05:04 PM
21414	Feature	Assigned	Normal	Add write-read atomic operation for CEC protocol	Dennis Nicklaus	04/15/2019 05:57 PM
21333	Feature	New	Normal	Possible improvements to mk_acsysfe script.	Richard Neswold	11/08/2018 11:30 AM
21216	Feature	New	Normal	Need to include context in DPMCLIENT messages	Richard Neswold	10/23/2018 10:45 AM
21215	Bug	Assigned	Normal	One-shots returning wrong data?	Charles King	01/28/2020 01:52 PM
20824	Support	New	Normal	Make task ID unique	Richard Neswold	09/12/2018 04:18 PM

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20698	Feature	New	Normal	Large Messages: Support the client API	Richard Neswold	08/28/2018 02:20 PM
20689	Feature	Assigned	Normal	Remove byte-swapping from acnetd	Richard Neswold	02/13/2019 01:45 PM
20622	Feature	Assigned	Normal	gpib_drv should have a way of not waiting on a reply for commands that have no expected reply	Jerry Firebaugh	09/17/2019 03:19 PM
20617	Bug	Assigned	Normal	Fix remaining issues with SG power supplies	Richard Neswold	11/21/2018 03:29 PM
20611	Feature	New	Normal	Add Kotlin as a target language	Richard Neswold	08/15/2018 10:48 AM
20304	Bug	New	Normal	libpmctrig-3.2 seems to cause failures on NBPMOV	Richard Neswold	07/11/2018 03:28 PM
20247	Bug	Feedback	High	mooc++.h release 4.8 has C++ syntax where it should not	Dennis Nicklaus	08/27/2018 12:52 PM
20155	Milestone	Assigned	Normal	Convert CAMAC VME to ECAFE		06/12/2018 02:08 PM
20115	Feature	New	Normal	Support extended clock event specification	Richard Neswold	06/07/2018 11:06 AM
20114	Feature	New	Normal	Support the extended clock specification	Richard Neswold	06/07/2018 10:50 AM
20113	Feature	Assigned	Normal	Support the extended clock specification	Richard Neswold	06/07/2018 10:45 AM
20112	Feature	New	Normal	MOOC needs to support the enhanced clock event specification		11/15/2018 09:34 AM
20111	Feature	Work in progress	Normal	Add clock type to event specification		06/07/2018 10:44 AM
20026	Feature	New	Normal	Add a trip condition to RPU system.	Richard Neswold	05/25/2018 02:40 PM
19841	Support	New	Normal	Support RETDAT_INIT/RETDAT_CANCEL consistently		05/07/2018 02:04 PM
19840	Support	Assigned	Normal	Make sure OID_SEM is used everywhere	Richard Neswold	11/15/2018 09:36 AM
19839	Feature	New	Normal	Improve correlation of readings		11/15/2018 09:32 AM
19748	Support	Assigned	Normal	High network causes "fatal DMA underflow"	Mike Sliczniak	04/18/2018 01:12 PM
19689	Bug	Assigned	Normal	UCD timestamps only work for 15 Hz configurations	Richard Neswold	05/01/2018 03:04 PM
19688	Bug	Assigned	Normal	Sync event isn't last in multicast packet	Richard Neswold	04/13/2018 04:42 PM
19531	Support	Feedback	Normal	Four more magnets need to be controlled by NMLHEC	Richard Neswold	04/13/2018 02:23 PM
19487	Bug	New	Low	Need to restrict building dependency files	Richard Neswold	04/11/2018 02:07 PM
19486	Bug	New	Normal	Built-in Version Device is brittle		04/09/2020 02:53 PM
19367	Feature	Assigned	Normal	Add another channel to PECI configuration	Richard Neswold	03/13/2018 02:08 PM
19337	Feature	New	Normal	Add function to download from product area		01/15/2020 09:57 AM
19159	Task	New	Normal	Edstrom request for IOTA magnet correction coordinator process.		02/28/2018 09:58 AM
19129	Support	Assigned	Normal	Can MCRBCC and the driver for G:BCYCLE monitor for sequencer problems?	Richard Neswold	04/04/2018 10:51 AM
19070	Feature	New	Normal	Handle statistics more efficiently	Richard Neswold	02/21/2018 10:12 AM
18995	Support	New	Normal	Stop TCLK dependency for SETDAT/SETS32		05/07/2018 02:08 PM
18514	Bug	Assigned	High	Wall-time is sensitive to tick rate in VxWorks 6.4 kernels targeting 2400s	Mike Sliczniak	04/18/2018 01:01 PM
18476	Feature	New	Normal	Migrate Serial-to-Ethernet Devices from VxWorks to Erlang		12/05/2017 02:45 PM
18285	Support	New	High	Driver needed to piece together MDAT data		06/08/2018 02:37 PM
18175	Feature	Assigned	Normal	Add access to decimation register	Richard Neswold	11/09/2017 11:17 AM

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18174	Feature	Assigned	Normal	Add timestamp to trip information	Richard Neswold	11/09/2017 11:06 AM
18171	Feature	Assigned	High	Add support for watchdog	Ning Liu	02/26/2018 10:15 AM
18133	Idea	New	Normal	Develop an IndustryPack framework		11/07/2017 09:29 AM
18127	Bug	Assigned	Normal	IRM Slow memory leak	Mike Sliczniak	06/08/2018 11:48 AM
18118	Bug	Feedback	Normal	copyset localapp dpmclient disconnects sometimes don't reconnect automatically.	Dennis Nicklaus	11/30/2018 02:16 PM
18101	Bug	Feedback	Normal	"Tries needed" not working properly	Richard Neswold	05/07/2018 02:04 PM
18084	Support	Assigned	Low	Fix warnings in acnet.erl	Richard Neswold	10/31/2017 03:12 PM
18082	Support	New	Normal	B:VXBIAS won't snapshot plot.	Jianming You	10/31/2017 02:02 PM
17994	Feature	New	High	Masking machine protection should generate an alarm		10/20/2017 10:54 AM
17973	Feature	New	Normal	Separate Python DPMs		02/13/2020 08:57 AM
17972	Support	New	Normal	Add redirection support to the Python library.	Charles King	10/19/2017 01:33 PM
17968	Support	New	High	Fix building prosilica driver		10/19/2017 10:30 AM
17967	Bug	New	High	Prosilica task seg-faults		10/19/2017 10:34 AM
17756	Support	New	Normal	Add a MOOC mutex for serializing internals		11/15/2018 09:48 AM
17253	Support	Assigned	Normal	ftpread from HRM (linac arch.) acquires at about half the requested frequency for first N points, then at full rate	Mike Sliczniak	07/21/2017 01:59 PM
16974	Idea	New	Normal	Add interrupt support to vwpp::Task interface		06/22/2017 10:28 AM
16939	Support	Assigned	Normal	Remove MOOC's -fpack-struct requirement	Richard Neswold	05/07/2018 02:04 PM
16707	Feature	New	Normal	Find an alternate to 'nodesd'		05/30/2017 10:53 AM
16693	Support	New	Normal	Many MOOC front-ends have no backup keeper	Dennis Nicklaus	05/26/2017 02:31 PM
16195	Support	New	Normal	Make the framework more control system agnostic		08/15/2018 02:55 PM
15978	Bug	Accepted	Normal	mblm40 exhausts heap memory	Jianming You	06/11/2018 01:21 PM
15854	Support	Assigned	Normal	CAMAC front-ends need to use 720Hz clock delivery support	Richard Neswold	03/14/2017 09:33 AM
15600	Feature	New	Normal	Ideas for erlang front-end monitoring.		03/12/2019 09:32 AM
15180	Feature	New	Normal	Need an easy way to kill TCP clients' connections		01/18/2017 10:39 AM
14805	Bug	Assigned	Normal	erl-modbus device occasionally see long delays	Dennis Nicklaus	11/21/2018 02:53 PM
14513	Support	Assigned	Low	Clean-up serial ports on camcon.fnal.gov	Richard Neswold	12/15/2016 01:37 PM
14346	Bug	Feedback	Normal	erlang front-end lookup request fails after full acnet restart (seen on clx42)	Richard Neswold	11/27/2018 02:19 PM
14098	Bug	Assigned	High	Create kernel for newer MVME-5500 boards	Mike Sliczniak	04/24/2018 03:53 PM
13806	Feature	Assigned	High	Add VxWorks 6.9 to our build environment	Richard Neswold	09/08/2016 02:07 PM
13805	Feature	Assigned	High	Install VxWorks 6.9 on vxbuild1 and vxbuild2	Mike Sliczniak	04/20/2017 02:41 PM
13798	Feature	New	Normal	Allow front-end to connect to multiple local aliases		11/21/2018 02:49 PM
13703	Bug	Assigned	Normal	Inconsistent behavior with D105	Richard Neswold	05/07/2018 09:51 AM

#	Tracker	Status	Priority	Subject	Assignee	Updated
13617	Feature	New	Normal	New driver: setting forwarder		08/22/2016 04:10 PM
13600	Support	New	High	Create a comprehensive test suite		10/14/2016 11:47 AM
13396	Feature	New	Normal	Add make target which shows state of project	Richard Neswold	08/02/2016 10:15 AM
12885	Milestone	New	Normal	Retire support for Objective-C		06/08/2016 01:19 PM
12822	Feature	Assigned	Normal	gige on newer 5500s does not work	Mike Sliczniak	12/13/2018 11:10 AM
12821	Bug	Assigned	Normal	vxMemProbe does 8-bit read	Mike Sliczniak	04/18/2018 01:03 PM
12820	Feature	Assigned	Normal	vxi	Mike Sliczniak	06/01/2016 08:19 PM
12819	Bug	Assigned	Normal	hung at bootloader	Mike Sliczniak	04/18/2018 01:03 PM
12735	Feature	Assigned	Normal	Add support for large messages	Richard Neswold	03/18/2020 10:10 AM
12696	Bug	Assigned	Normal	IRM not returning error status on bad setting	Mike Sliczniak	05/17/2016 03:04 PM
12409	Support	Assigned	High	Extend C1151 driver to include reading	Richard Neswold	05/10/2016 10:31 AM
12184	Support	Assigned	Normal	Enter all pending VxWorks issues in Redmine	Mike Sliczniak	06/08/2016 02:05 PM
12140	Support	Feedback	Low	Need to create a computed device for PXIMPS	Richard Neswold	08/09/2018 04:00 PM
12073	Feature	New	Normal	Support the FTD field in the SETS32 header		11/15/2018 09:33 AM
11710	Feature	New	Normal	Add "generics".		02/15/2016 10:04 AM
11624	Feature	New	Low	Update the mutex-protected variable API		05/03/2016 01:07 PM
11530	Feature	Assigned	Low	The V474 driver needs to support degaussing magnets	Richard Neswold	04/13/2018 03:10 PM
11465	Feature	Assigned	Normal	Add Swift as a target	Charles King	06/08/2016 01:06 PM
11464	Feature	New	Normal	Add a date type		01/21/2016 02:22 PM
11463	Feature	New	Normal	Add constraints to the grammar		01/22/2016 10:07 AM
11454	Feature	New	Normal	Add union types		05/12/2020 02:03 PM
10769	Feature	New	Normal	Switch data collection to use graphs		08/15/2018 02:57 PM
8161	Support	Assigned	Normal	Upgrade the CAMAC front-ends to VxWorks 6.x and the SLE	Richard Neswold	03/24/2015 10:09 AM
8126	Feature	Assigned	Normal	C1151 modules in beamline front-ends should support array devices.	Richard Neswold	05/03/2016 01:09 PM
8125	Support	Assigned	Normal	Upgrade the beamline front-ends to frontend.mk and MOOC 4.6	Richard Neswold	10/23/2018 04:42 PM
8124	Feature	Assigned	Normal	Add a setting property to the beamline C154 to reflect the position setting	Richard Neswold	05/03/2016 01:11 PM
7839	Feature	New	Normal	Add IOC support		08/15/2018 02:57 PM