

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
25332	Feature	New	Normal	Add support for alarm checking on other than the default FTD		12/17/2020 12:41 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
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
24376	Feature	New	Normal	Scapy Network Message Monitor	Beau Harrison	05/05/2020 08:35 AM
24352	Feature	New	Normal	Data Source Requests		04/28/2020 10:44 AM
24267	Feature	New	Normal	Central respository/database for Erlang Alarm reports		04/04/2020 02:05 PM
24224	Feature	Closed	Normal	Request for code that replicates CONSAR array building plus array subtraction	Dennis Nicklaus	03/27/2020 11:36 AM
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
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
23602	Feature	New	Normal	ACNETD Local Config for Nodes	Beau Harrison	11/14/2019 11:24 AM
23417	Feature	New	Normal	Decimate Rate		10/14/2019 10:58 AM
23415	Feature	New	Normal	Settings		10/28/2019 07:55 PM
23110	Feature	New	Normal	Request for 15Hz readout of one MFTU segment	Dennis Nicklaus	08/13/2019 12:09 PM
22585	Feature	Closed	Normal	Implement support for reading Wiener Crates via HTTP	Dennis Nicklaus	09/09/2020 04:01 PM
22352	Feature	New	Normal	Change Javascript client library to use worker thread	Richard Neswold	04/10/2019 11:49 AM
22256	Feature	Closed	Normal	Use generators in Javascript output.	Richard Neswold	04/01/2019 03:07 PM
22183	Feature	Closed	Normal	Convert module to use promise API	Richard Neswold	04/02/2019 09:09 AM
22152	Feature	Closed	Normal	Let front-end programmer adjust logging.	Richard Neswold	03/18/2019 02:19 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

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22083	Feature	New	Normal	Dynamic Properties		03/07/2019 04:22 PM
21926	Feature	Closed	Normal	Write to Device via Device Index	Beau Harrison	02/21/2019 10:26 AM
21864	Feature	New	Normal	Add Node Configuration Changes to DBNEWS		02/07/2019 11:38 AM
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
21692	Feature	Closed	Normal	Standard Deviation Calculation	Beau Harrison	01/15/2019 08:14 AM
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
21464	Feature	Closed	Normal	Create a way of summing arrays of device readings	Dennis Nicklaus	11/30/2018 02:12 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
21283	Feature	Closed	Normal	DPM should support the "Who is Accessing Device" feature supported by the old DPM		03/20/2019 02:30 PM
21216	Feature	New	Normal	Need to include context in DPMCLIENT messages	Richard Neswold	10/23/2018 10:45 AM
21132	Feature	Closed	Normal	Add set_bad_perf alarm similar to rd_bad_perf	Dennis Nicklaus	11/21/2018 02:37 PM
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
20611	Feature	New	Normal	Add Kotlin as a target language	Richard Neswold	08/15/2018 10:48 AM
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
19839	Feature	New	Normal	Improve correlation of readings		11/15/2018 09:32 AM
19367	Feature	Assigned	Normal	Add another channel to PECL configuration	Richard Neswold	03/13/2018 02:08 PM
19366	Feature	Closed	Normal	Provide access to the frequency parameters in the PECL driver	Richard Neswold	03/15/2018 04:01 PM
19337	Feature	New	Normal	Add function to download from product area		01/15/2020 09:57 AM
19070	Feature	New	Normal	Handle statistics more efficiently	Richard Neswold	02/21/2018 10:12 AM
18743	Feature	Closed	Normal	Limitations of Alarm Mapping for multi-area Front-ends		01/18/2018 05:42 PM

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18476	Feature	New	Normal	Migrate Serial-to-Ethernet Devices from VxWorks to Erlang		12/05/2017 02:45 PM
18467	Feature	Closed	Normal	Make gpib-enet devices in one front-end have different OIDs	Jerry Firebaugh	12/05/2017 10:45 AM
18465	Feature	Closed	Normal	semTake isn't scaled by clock rate in odasooc.c		04/05/2018 10:48 AM
18175	Feature	Assigned	Normal	Add access to decimation register	Richard Neswold	11/09/2017 11:17 AM
18174	Feature	Assigned	Normal	Add timestamp to trip information	Richard Neswold	11/09/2017 11:06 AM
18173	Feature	Closed	Normal	Detect overflow in averaging registers	Ning Liu	04/04/2018 10:32 AM
18171	Feature	Assigned	High	Add support for watchdog	Ning Liu	02/26/2018 10:15 AM
18120	Feature	Closed	High	Need to support multiple segments in CEC protocol for MultiFunction Timer Units	Dennis Nicklaus	03/07/2018 02:32 PM
18119	Feature	Closed	Normal	Support 4byte words and more than 256 channels in CEC protocol for BeamSync Clock Generator	Dennis Nicklaus	03/07/2018 02:30 PM
18016	Feature	Closed	Normal	Add a function to validate a time_range()	Richard Neswold	04/11/2018 10:46 AM
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
17955	Feature	Closed	Normal	We need to organize our releases better.	Richard Neswold	10/18/2017 03:34 PM
17954	Feature	Closed	Normal	Add option to emit only C++ header or C++ source	Richard Neswold	10/23/2017 02:42 PM
17939	Feature	Closed	Normal	Add the Java buffer as a source/destination for PC messages	Charles King	10/17/2017 04:36 PM
17408	Feature	Closed	Normal	Implement the setsdb message for peer-to-peer acnet settings.	Dennis Nicklaus	08/25/2017 11:30 AM
16780	Feature	Closed	Normal	Multiple User Support for SRFILE Reading		09/05/2019 10:27 AM
16767	Feature	Closed	Normal	Support patching of stable releases.	Richard Neswold	10/24/2019 03:54 PM
16756	Feature	Closed	Normal	Add BASIC CONTROL to V1495's register bank driver.	Richard Neswold	04/13/2018 02:28 PM
16754	Feature	Closed	Normal	Driver needs to support alarms	Richard Neswold	11/21/2017 04:10 PM
16707	Feature	New	Normal	Find an alternate to 'nodesd'		05/30/2017 10:53 AM
16622	Feature	Closed	Normal	Deprecate the version directive	Richard Neswold	09/17/2018 04:02 PM
16522	Feature	Closed	Normal	Allow a DPM to have a custom configuration	Richard Neswold	11/30/2017 03:04 PM
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
15022	Feature	Closed	High	Add diagnostics	Richard Neswold	01/28/2020 01:50 PM
14560	Feature	Closed	Normal	figure out how to start acnetset	Dennis Nicklaus	11/23/2016 04:08 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
13617	Feature	New	Normal	New driver: setting forwarder		08/22/2016 04:10 PM
13557	Feature	Closed	Normal	Need option to have PC errors not kill application using C++	Richard Neswold	10/17/2017 04:23 PM
13396	Feature	New	Normal	Add make target which shows state of project	Richard Neswold	08/02/2016 10:15 AM

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12822	Feature	Assigned	Normal	gige on newer 5500s does not work	Mike Sliczniak	12/13/2018 11:10 AM
12820	Feature	Assigned	Normal	vxi	Mike Sliczniak	06/01/2016 08:19 PM
12735	Feature	Assigned	Normal	Add support for large messages	Richard Neswold	03/18/2020 10:10 AM
12246	Feature	Closed	High	DPM should seamlessly use FTPMAN protocol		01/28/2020 01:51 PM
12077	Feature	Closed	Normal	New DPM needs to forward errors to ACNET error logger		01/28/2020 01:50 PM
12073	Feature	New	Normal	Support the FTD field in the SETS32 header		11/15/2018 09:33 AM
12038	Feature	Closed	Normal	After upgrading the firmware, the board should be reset.	Richard Neswold	03/23/2016 03:47 PM
11796	Feature	Closed	Normal	Have FE workers cache the returned data.		01/28/2020 01:49 PM
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
11474	Feature	Closed	Normal	Allow fields to be individually marshalled		11/05/2019 03:23 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
11367	Feature	Closed	High	It has been proposed that DPM needs to support settings		03/20/2019 02:52 PM
10769	Feature	New	Normal	Switch data collection to use graphs		08/15/2018 02:57 PM
8126	Feature	Assigned	Normal	C1151 modules in beamline front-ends should support array devices.	Richard Neswold	05/03/2016 01:09 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