
CMLOG Interface to ALH

Ralph Lange

BESSY II

EPICS Collaboration Meeting @ SLAC May 1999

The CMLOG tool (developed by J. Chen and C. Watson at JLab) will be used at BESSY II as the central logging facility for logging from IOCs as well as from high level application programs.

Additionally, Channel Access alarms should be logged into the central logging facility instead of ASCII files. The implementation of a CMLOG interface for the Alarm Handler ALH is almost completed. The slide shows a cmlog client screen during tests of this facility containing alarm and operator modification messages sent from different ALH processes. As soon as the implementation is finished, the additions and changes will be merged into the central CVS repository at APS to become part of the next revision of ALH.

CMLOG Interface to ALH

CMLOG Version 1.1

Facility	Host(Display)	User	PID	Verb	Code	Time	Domain	Device	Status	Severity	Value	Text
alh-Opmo	lenin (ice:0.0)	lange	2876	0	5	Mon May 17 19:45:19 1999	TEST	r1	HIGH	MINOR	M/A	Global Ack Channel (HIGH/MINOR)
alh-Alarm	lenin (ice:0.0)	lange	2876	0	1	Mon May 17 19:49:59 1999	TEST	r1	HIGH	MINOR	7	(HIGH/MINOR)
alh-Opmo	lenin (ice:0.0)	lange	2876	0	7	Mon May 17 19:50:41 1999	TEST	r2	N/A	0	M/A	Channel Mask [Enable / Disable] ON <-D----->
alh-Opmo	lenin (ice:0.0)	lange	2876	0	7	Mon May 17 19:50:47 1999	TEST	r2	N/A	0	M/A	Channel Mask [Enable / Disable] OFF <------>
alh-Opmo	lenin (ice:0.0)	lange	2876	0	7	Mon May 17 19:50:49 1999	TEST	r2	N/A	0	M/A	Channel Mask [Enable / Disable] RESET <------>
alh-Alarm	lenin (ice:0.0)	lange	2876	0	6	Mon May 17 19:53:51 1999	TEST	TEST	HIGH	MINOR	7	Global Ack Group (MINOR)
alh-Opmo	lenin (ice:0.0)	lange	7428	0	1	Mon May 17 20:42:50 1999	TEST	r1	N/A	0	M/A	OPER Group PV FORCE <-D-----> [1] [-]
alh-Alarm	lenin (ice:0.0)	lange	7428	2	8	Mon May 17 20:43:13 1999	TEST	Sub_1	HIGH	MINOR	7	(HIGH/MINOR)
alh-Opmo	lenin (ice:0.0)	lange	7428	0	1	Mon May 17 20:48:44 1999	TEST	r1	HIGH	MINOR	7	(HIGH/MINOR)
alh-Opmo	lenin (ice:0.0)	lange	7428	2	8	Mon May 17 20:48:44 1999	TEST	Sub_1	N/A	0	M/A	OPER Group PV RESET <------> [0] [-]
alh-Opmo	lenin (ice:0.0)	lange	7428	2	7	Mon May 17 20:44:38 1999	TEST	r1	N/A	0	M/A	OPER Channel PV FORCE <-D-----> [1] [-]
alh-Alarm	lenin (ice:0.0)	lange	7428	0	1	Mon May 17 20:44:54 1999	TEST	r1	HIGH	MINOR	7	(HIGH/MINOR)
alh-Opmo	lenin (ice:0.0)	lange	7428	2	7	Mon May 17 20:44:54 1999	TEST	r1	N/A	0	M/A	OPER Channel PV RESET <------> [0] [-]
cmlogServer	lenin	N/A	N/A	N/A	N/A	Mon May 17 20:46:25 1999	N/A	N/A	N/A	N/A	N/A	Received client connection from host ice.acc.bessy.c
alh-Opmo	ice (ice:0.0)	lange	5425	1	5	Mon May 17 20:46:40 1999	TEST	r1	HIGH	N/A	M/A	Global Ack Channel (HIGH/MINOR)
alh-Opmo	lenin (ice:0.0)	lange	7428	2	7	Mon May 17 20:47:57 1999	TEST	r1	N/A	MINOR	M/A	OPER Channel PV FORCE <-D-----> [1] [-]
alh-Opmo	ice (ice:0.0)	lange	5432	1	6	Mon May 17 20:48:20 1999	TEST	Sub_1	N/A	MINOR	M/A	Global Ack Group (MINOR)
alh-Alarm	lenin (ice:0.0)	lange	7428	0	1	Mon May 17 20:48:38 1999	TEST	r1	HIGH	MINOR	7	(HIGH/MINOR)
alh-Opmo	lenin (ice:0.0)	lange	7428	2	7	Mon May 17 20:48:38 1999	TEST	r1	N/A	0	M/A	OPER Channel PV RESET <------> [0] [-]
alh-Alarm	lenin (ice:0.0)	lange	7793	0	1	Mon May 17 20:50:21 1999	TEST	r1	NO_ALARM	NO_ALARM	0	(HIGH/MINOR)
alh-Opmo	lenin (ice:0.0)	lange	7793	1	6	Mon May 17 20:50:28 1999	TEST	TEST	N/A	NO_ALARM	M/A	Global Ack Group (MINOR)
alh-Alarm	lenin (ice:0.0)	lange	7793	0	1	Mon May 17 20:51:12 1999	TEST	r1	HIGH	MAJOR	7	(HIGH/MAJOR)
alh-Alarm	lenin (ice:0.0)	lange	7793	0	1	Mon May 17 20:51:30 1999	TEST	r1	NO_ALARM	NO_ALARM	0	(HIGH/MAJOR)
alh-Opmo	lenin (ice:0.0)	lange	7793	1	6	Mon May 17 20:51:41 1999	TEST	Sub_1	N/A	NO_ALARM	M/A	Global Ack Group (MAJOR)

Mon May 17 20:53:46 1999

From Mon May 17 19:45:11 1999 To