

ADDI-DATA: start IOC with evrma support

Ford, Christopher

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To: Ford, Christopher <caf@slac.stanford.edu>;

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# pwd
/afs/slac/g/lcls/epics/R3-14-12-4_1-0/iocTop/users/caf/addi-data/apci1710-asyn/apci1710-asyn-R1-0-1/iocBoot
/apci1710-ioc
# lsmod
Module                Size Used by Tainted: G
apci1710ctr           16068 0
apci1710              75929 1 apci1710ctr
ec_generic            3453 0
ec_master            240382 1 ec_generic
evrma                 58444 0
ipv6                 362178 28 [permanent]
ipmi_si              43832 0
ipmi_msghandler      34500 1 ipmi_si
igb                  136345 0
i2c_algo_bit         5232 1 igb
i2c_core             20606 2 igb,i2c_algo_bit
ptp                  10764 1 igb
pps_core             6713 1 ptp
# ./st.cmd
Successfully locked memory using mlockAll
#!../bin/linuxRT_glibc-x86_64/apci1710App
< envPaths
epicsEnvSet("ARCH","linuxRT_glibc-x86_64")
epicsEnvSet("IOC","apci1710-ioc")
epicsEnvSet("TOP","../")
epicsEnvSet("EPICS_SITE_TOP","/afs/slac/g/lcls/epics/R3-14-12-4_1-0")
epicsEnvSet("BASE_SITE_TOP","/afs/slac/g/lcls/epics/R3-14-12-4_1-0/base")
epicsEnvSet("MODULES_SITE_TOP","/afs/slac/g/lcls/epics/R3-14-12-4_1-0/modules")
epicsEnvSet("IOC_SITE_TOP","/afs/slac/g/lcls/epics/R3-14-12-4_1-0/iocTop")
epicsEnvSet("PACKAGE_SITE_TOP","/afs/slac/g/lcls/package")
epicsEnvSet("TOOLS_SITE_TOP","/afs/slac/g/lcls/tools")
epicsEnvSet("ALARM_CONFIGS_TOP","/afs/slac/g/lcls/tools/AlarmConfigsTop")
epicsEnvSet("EPICS_MODULES","/afs/slac/g/lcls/epics/R3-14-12-4_1-0/modules")
epicsEnvSet("SNCSEQ","/afs/slac/g/lcls/epics/R3-14-12-4_1-0/modules/seq/seq-R2-1-6_1-3")
epicsEnvSet("AUTOSAVE","/afs/slac/g/lcls/epics/R3-14-12-4_1-0/modules/autosave/autosave-R5-5_0-0")
epicsEnvSet("CAPUTLOG","/afs/slac/g/lcls/epics/R3-14-12-4_1-0/modules/caPutLog/caPutLog-R3-3-0")
epicsEnvSet("IOCADMIN","/afs/slac/g/lcls/epics/R3-14-12-4_1-0/modules/iocAdmin/iocAdmin-R3-1-14_1-0")
epicsEnvSet("EVRCLIENT","/afs/slac/g/lcls/epics/R3-14-12-4_1-0/modules/evrClient/evrClient-R1-0-p4")
epicsEnvSet("MISCUTILS","/afs/slac/g/lcls/epics/R3-14-12-4_1-0/modules/miscUtils/miscUtils-R2-2-2")
epicsEnvSet("EVENT","/afs/slac/g/lcls/epics/R3-14-12-4_1-0/modules/evrClient/evrClient-R1-0-p4")
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epicsEnvSet("RTEMSUTILS","/afs/slac/g/lcls/epics/R3-14-12-4_1-0/modules/rtemsutils/rtemsutils-R1-0-0-lcls5")
epicsEnvSet("ASYN","/afs/slac/g/lcls/epics/R3-14-12-4_1-0/modules/asyn/asyn-R4-26_0")
epicsEnvSet("CEXP","/afs/slac/g/lcls/epics/R3-14-12-4_1-0/modules/cexpsh/cexpsh-R1-0-0")
epicsEnvSet("EPICS_BASE","/afs/slac/g/lcls/epics/R3-14-12-4_1-0/base/base-R3-14-12-4_1-0")
epicsEnvSet("LINUX_KERNEL_MODULES","/afs/slac/g/lcls/package/linuxKernel_Modules")
## Register all support components
dbLoadDatabase("../dbd/apci1710.dbd",0,0)
apci1710_registerRecordDeviceDriver(pdbbase)
Warning: IOC is booting with TOP = "../.."
        but was built with TOP = "../.."
dbLoadTemplate("APCI1710.substitutions")
# EVR
dbLoadRecords("/afs/slac/g/lcls/epics/R3-14-12-4_1-0/iocTop/evrClientLab/MAIN_TRUNK
/db/EvrPci.db","EVR=cafTESTevr,CRD=0,SYS=SYS0")
eevrmaConfigure(0, "/dev/vevr0")
DBG: ----- will evrmaOpenSession
DBG: mmap = 0x9472a000
APCI1710Config("apci1710", 0)
ioclnit()
Starting ioclnit
#####
## EPICS R3.14.12.4-1-0 $Date: Mon 2013-12-16 15:51:45 -0600$
## EPICS Base built Jan  9 2015
#####
CPU Clock Estimation: 1900.142057 MHz
iocRun: All initialization complete
epics> dbI
cafTESTevr:LINKERRCNT
cafTESTevr:EVENT10EVDESC
cafTESTevr:EVENT11EVDESC
cafTESTevr:EVENT12EVDESC
cafTESTevr:EVENT13EVDESC
cafTESTevr:EVENT14EVDESC
cafTESTevr:EVENT1EVDESC
cafTESTevr:EVENT2EVDESC
cafTESTevr:EVENT3EVDESC
cafTESTevr:EVENT4EVDESC
cafTESTevr:EVENT5EVDESC
cafTESTevr:EVENT6EVDESC
cafTESTevr:EVENT7EVDESC
cafTESTevr:EVENT8EVDESC
cafTESTevr:EVENT9EVDESC
cafTESTevr:LINK
cafTESTevr:LINKERRRST
mc22:addidata:Counter1Reset
mc22:addidata:Counter2Reset
mc22:addidata:Counter3Reset
mc22:addidata:Counter4Reset
cafTESTevr:LINKERR
mc22:addidata:Counter1Counts

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mc22:addidata:Counter1RTCounts
mc22:addidata:Counter2Counts
mc22:addidata:Counter2RTCounts
mc22:addidata:Counter3Counts
mc22:addidata:Counter3RTCounts
mc22:addidata:Counter4Counts
mc22:addidata:Counter4RTCounts
cafTESTevr:EVENT10DESC
cafTESTevr:EVENT11DESC
cafTESTevr:EVENT12DESC
cafTESTevr:EVENT13DESC
cafTESTevr:EVENT14DESC
cafTESTevr:EVENT1DESC
cafTESTevr:EVENT2DESC
cafTESTevr:EVENT3DESC
cafTESTevr:EVENT4DESC
cafTESTevr:EVENT5DESC
cafTESTevr:EVENT6DESC
cafTESTevr:EVENT7DESC
cafTESTevr:EVENT8DESC
cafTESTevr:EVENT9DESC
cafTESTevr:LINKERRRSTTOD
cafTESTevr:EVENT10RATE
cafTESTevr:EVENT11RATE
cafTESTevr:EVENT12RATE
cafTESTevr:EVENT13RATE
cafTESTevr:EVENT14RATE
cafTESTevr:EVENT1RATE
cafTESTevr:EVENT2RATE
cafTESTevr:EVENT3RATE
cafTESTevr:EVENT4RATE
cafTESTevr:EVENT5RATE
cafTESTevr:EVENT6RATE
cafTESTevr:EVENT7RATE
cafTESTevr:EVENT8RATE
cafTESTevr:EVENT9RATE
mc22:addidata:asyn1
cafTESTevr:CTRL
cafTESTevr:EVENT10CTRL
cafTESTevr:EVENT11CTRL
cafTESTevr:EVENT12CTRL
cafTESTevr:EVENT13CTRL
cafTESTevr:EVENT14CTRL
cafTESTevr:EVENT1CTRL
cafTESTevr:EVENT2CTRL
cafTESTevr:EVENT3CTRL
cafTESTevr:EVENT4CTRL
cafTESTevr:EVENT5CTRL
cafTESTevr:EVENT6CTRL
cafTESTevr:EVENT7CTRL

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cafTESTevr:EVENT8CTRL  
cafTESTevr:EVENT9CTRL  
epics>
```