

# ADDI-DATA: testing /proc interface

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# cd /data/cpu-b34-mc22/caf/addi
# insmod apci1710.ko
[ 1310.339480] apci1710: loaded
[ 1310.342595] apci1710: board 0000:05:04.0 managed (minor number will be 0)
[ 1310.349384] module 0: ID is 0x53433237 (functionality: INCREMENTAL_COUNTER, version: 0x3237)
[ 1310.357810] module 1: ID is 0x53433237 (functionality: INCREMENTAL_COUNTER, version: 0x3237)
[ 1310.366234] module 2: ID is 0x53433237 (functionality: INCREMENTAL_COUNTER, version: 0x3237)
[ 1310.374660] module 3: ID is 0x53433237 (functionality: INCREMENTAL_COUNTER, version: 0x3237)
# ls /proc/driver/
# insmod apci1710ctr.ko
[ 1323.989230] apci1710ctr: looking for board 0
[ 1323.993502] apci1710ctr: calling proc_create()
[ 1323.997948] apci1710ctr: beginning test
[ 1324.001798]
[ 1324.001798] slac_inc_counter_kernel: Initialization of module 0 successful
# ls /proc/driver/
ctr0
# ls /proc/driver/ctr0/
counter digout status
# cat /proc/driver/ctr0/counter
0x00000000
# cat /proc/driver/ctr0/digout
Usage:
echo {0|1} > digout
example: echo 1 > digout
sets value of digital output
# cat /proc/driver/ctr0/status
ReadLatchRegisterStatus: 0x00000000 (0)
ReadLatchRegisterValue: 0x00000000 (0)
Interrupt count: 0
# rmmod apci1710ctr
[ 1382.303454] apci1710ctr: calling proc_remove()
# ls /proc/driver/
#
```