

## Front-end Group - Task #24251

### Catalog Timestamp Drivers of Operational MOOC Front-Ends

03/30/2020 02:39 PM - Beau Harrison

<b>Status:</b>	Closed	<b>Start date:</b>	03/30/2020
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Beau Harrison	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
Timestamps have been shown to be generated inconsistently. We should catalog what drivers are used in front-ends so that we can discover what is being done well and what can be done better. Jason St. John has been working with GMPS, BOOST1, MI3, and MECAR to show this so a first pass is to look at similar MOOC front-ends.			

#### History

##### #1 - 03/30/2020 02:45 PM - Beau Harrison

I wrote a Python script that takes a list of nodes from a file and telnets into each node and executes moduleShow and then parses the output with the regex (sld)|(pmctrig)|(iptrig)|(vucdtrig).

There are three outside cases; unknown, busy, and timed out. Unknown means that everything was successful but the regex didn't match. Busy means there was an EOFError which is likely due to a connection refused. Timed out means that there was no output with 2 seconds.

The acl I used to create the node list is acl node\_info/operational/mooc.

```
AP1001 unknown
AP1002 unknown
AP5001 unknown
BADMAB pmctrig
BAPS vucdtrig
BCOLL iptrig
BGMPS iptrig
BLLRF1 busy
BLLRF2 unknown
BLLRFD unknown
BLLRFO unknown
BLONGD unknown
BLRFDS timed out
BOOST1 timed out
BOOST2 sld
BOOSTR sld
BOOVAC unknown
BOOWIR iptrig
BST1 iptrig
CMLLRF unknown
CMTIL1 unknown
CMTIL2 unknown
CMTIL3 unknown
CUB01 unknown
DBPM10 unknown
DBPM20 unknown
DBPM30 unknown
DBPM40 unknown
DBPM50 unknown
DBPM60 unknown
ESBHRM unknown
HINSGP unknown
HINSMC iptrig
HNSPLC unknown
IBPM10 unknown
IBPM20 unknown
IBPM30 unknown
IBPM40 unknown
IBPM50 unknown
IBPM6N unknown
IBPM6S unknown
IBPM8A busy
```

IBPM8B unknown  
IBPM8C pmctrig  
IBPM8D pmctrig  
IBPM8E pmctrig  
IBPMAL pmctrig  
IDAMP unknown  
IPMCN2 iptrig  
IPMCNT iptrig  
LEBIT1 unknown  
LIP741 timed out  
LIP742 timed out  
LIP743 timed out  
LIP744 timed out  
LIP745 timed out  
M10TOR pmctrig  
M40TOR unknown  
MBLM10 unknown  
MBLM20 unknown  
MBLM30 unknown  
MBLM40 unknown  
MBLM50 unknown  
MBLM6N unknown  
MBLM6S unknown  
MBLMP1 pmctrig  
MBPM10 pmctrig  
MBPM12 pmctrig  
MC1HRM unknown  
MCR01 unknown  
MCR02 pmctrig  
MCR03 unknown  
MCRBCC unknown  
MEBIT1 unknown  
MECAR unknown  
MESON sld  
MI1 sld  
MI10 iptrig  
MI14 unknown  
MI14TO timed out  
MI2 sld  
MI20 iptrig  
MI3 sld  
MI30 iptrig  
MI30TO timed out  
MI39 unknown  
MI4 sld  
MI40 iptrig  
MI50 unknown  
MI52 unknown  
MI52SP iptrig  
MI60N unknown  
MI60NB unknown  
MI60S unknown  
MI60S2 unknown  
MI60S3 unknown  
MI60SB unknown  
MI62 unknown  
MI62B unknown  
MI65B unknown  
MI8CL1 iptrig  
MIBEAM pmctrig  
MILLRF unknown  
MITHSR unknown  
MRF unknown  
MS3CL1 iptrig  
MS4 unknown  
MSEPTA iptrig  
MT1 iptrig  
MT2 iptrig  
MU3HRM unknown  
MUONFE sld  
MWF23 unknown  
MWF2P3 unknown  
MWIRE0 unknown  
MWIRE1 sld  
MWIRE2 unknown

MWIRE3 unknown  
MWMB10 unknown  
MWMB12 unknown  
MWWI14 unknown  
MWWI30 unknown  
MWMS1 unknown  
MWMTA sld  
MWT52 iptrig  
N60TOR pmctrig  
NBPB65 unknown  
NBPM65 pmctrig  
NBPM6N pmctrig  
NBPM6S pmctrig  
NBPMOV pmctrig  
NEUTR sld  
NMAAT unknown  
NMGLRF unknown  
NMGUNI unknown  
NMLA unknown  
NMLB unknown  
NMLBP2 unknown  
NMLBP3 unknown  
NMLGP1 unknown  
NMLGP2 unknown  
NMLGP3 unknown  
NMLHEC unknown  
NMLHOM unknown  
NMLLD1 unknown  
NMLLEC unknown  
NMLLRF unknown  
NMLRFI unknown  
NMLTOR unknown  
NMLTR2 unknown  
NMLTR3 unknown  
NMLTRG unknown  
NMLVAC unknown  
NMLVM1 timed out  
NOVASC unknown  
NUMI sld  
NUMI65 unknown  
NUMIHN iptrig  
NWAVAC unknown  
OTISVW unknown  
PBCOOL unknown  
PBEAM pmctrig  
PXINT unknown  
PXMC1 iptrig  
PXMC2 iptrig  
QXRMI sld  
R60CSC iptrig  
RBPM10 unknown  
RBPM20 unknown  
RBPM30 unknown  
RBPM40 unknown  
RBPM50 unknown  
RBPM60 unknown  
RDLOSS unknown  
RRCOLL timed out  
RRLLNV unknown  
RRXDMP pmctrig  
RTPM10 unknown  
RTPM20 unknown  
RTPM30 unknown  
RTPM40 unknown  
RTPM50 unknown  
RTPM60 unknown  
S60TOR unknown  
SBPMF1 unknown  
SBPMF3 unknown  
SRFMPS unknown  
STATE timed out  
STATEA pmctrig  
SWIC unknown  
SWYD sld  
SYBPMP timed out

TBLMF1 pmctrig  
TBLMF2 pmctrig  
TBLMF3 pmctrig  
TBLMF4 pmctrig  
TCLK sld  
TEVA sld  
TEVAC unknown  
TEVF unknown  
TLG unknown  
UBLM10 pmctrig  
UBLM30 pmctrig  
UBLM3A pmctrig  
UBLM3B pmctrig  
UBLM50 pmctrig  
UBLMM1 pmctrig  
UBLMM4 pmctrig  
UCDA unknown  
UCDB unknown  
UCDHIN iptrig  
UCDNML busy  
UPMA30 pmctrig  
UPMF1 pmctrig  
UPMF23 pmctrig  
UPMF27 pmctrig  
UPMM60 pmctrig  
XTBPM1 unknown

**#2 - 03/30/2020 02:51 PM - Beau Harrison**

The nodes in question:

BGMPS iptrig  
BOOSTR sld  
MECAR unknown  
MI3 sld

**#3 - 03/30/2020 02:53 PM - Beau Harrison**

Maybe my script isn't waiting long enough for output?

I looked at MECAR manually and found pmctrig.

**#4 - 07/03/2020 10:51 AM - Beau Harrison**

- *Status changed from New to Closed*