

nsm2cad

Yongkyu Kim

Disconnected PV

- One of the most frequent reason of PV disconnection on Archiver was due to nsm2cad problem.
- There seems most of disconnection due to failure of restarting nsm2cad process.
- However, we got some report on nsm2cad.
- Although we are investigating why nsm2cad stops, we are in lack of information state, if you have something interesting, please let me know.
- By the way, Disconnected PV manage based on "List of Archived PVs" confluence webpage, please keep update.

nsm2cad

Bitbucket Projects Repositories

Search for code or repositories...

Belle II DAQ / daq_slc

Source

master ... daq_slc / apps / nsm2cad / nsm2caApp / src /

deviceNSM2CA.c move epics apps to apps 04 3월 2018

deviceNSM2CA.dbd move epics apps to apps 04 3월 2018

devNSM2CA.cpp move epics apps to apps 04 3월 2018

devNSM2CA.h move epics apps to apps 04 3월 2018

ioc_shell.c move epics apps to apps 04 3월 2018

ioc_shell.dbd move epics apps to apps 04 3월 2018

Makefile Corrected lib order 07 3월 2019

NSM2CA.cpp Also replace the mutex locks with the LockGuard in all the apps 18 3월 2019

NSM2CA.h merged working version 11 3월 2018

NSM2CACallback.cpp Also replace the mutex locks with the LockGuard in all the apps 18 3월 2019

NSM2CACallback.h removed throw and fixed styles 09 7월 2018

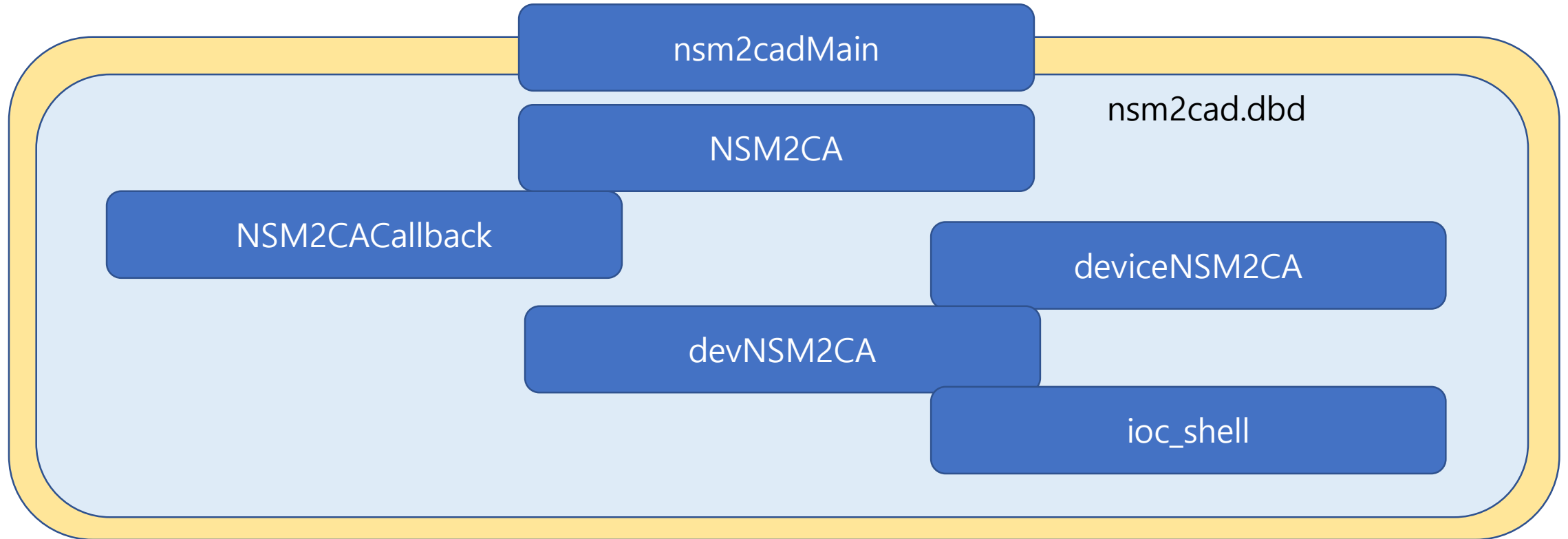
nsm2cadMain.cpp move epics apps to apps 04 3월 2018

Git repository management for enterprise teams powered by Atlassian Bitbucket

Atlassian Bitbucket v5.9.0 · Documentation · Contact Support · Request a feature · About · Contact Atlassian

Atlassian

File structure



How it works

- nsm2cadMain : Calls epics shell (/w nsm2cad.dbd)
- NSM2CA : Manages epics shell call nsmvget/set
- NSM2CACallback : Manage nsm part work on nsmvget/set
- devNSM2CA : wrapping nsmvget/set calls on epics side.
- deviceNSM2CA : wrap again calls on devNSM2CA and export to epics shell.
- ioc_shell : register nsm commands to epics shell. (init_nsm)

Status on Investigation

- Testing under test pc of Yonsei group using custom variable.
- Small change was done to understand how nsm2cad works.
- I still have vague concept how it works EPICS side.
- After local test, will be tested on one of the ROPC replacing existing nsm2cad process.

Plan and Summary

- Now, just 1st step of investigation.
- Currently, investigation based on small change and logging.
- If you have suggestion, please let us know.
- If there is some error of nsm2cad, please let us know.
- Should understand more on epics shell.
- To reduce disconnected time, we should check restart nsm2cad process correctly done and included in standard procedure of restart.