

Experiment monitoring tool

Dan Higley suggested to re-implement SXR/AMO detector monitoring tool in order to make it more flexible for switching between experiments.

Dataset

Dan's description refers to LO59 experiment that is sxro5916, i.e.run10 has:

DetInfo and BldInfo keys for sxro5916 run 10

```
cfg.keys:
XXX: SxrBeamline.0:Opal1000.1
XXX: SxrEndstation.0:USDUSB.0
XXX: SxrEndstation.0:Acqiris.1
XXX: EpicsArch.0:NoDevice.80
XXX: SxrEndstation.0:Andor.0
XXX: SxrEndstation.0:USDUSB.1
XXX: EpicsArch.0:NoDevice.0
XXX: NoDetector.0:Evr.0
XXX: NoDetector.0:Evr.1
XXX: SxrEndstation.0:Acqiris.2
evt0.keys:
XXX: FEEGasDetEnergy
XXX: PhaseCavity
XXX: EBeam
XXX: GMD
```

References

- [2016-11-21-DanHigley-online_monitoring.pdf](#) - description of current tool
- [2016-11-22-DanHigley-sxr-mon-tool.txt](#) - e-mail from Dan Higley explaining what he expects from monitoring tool.
- [Experiment Monitor](#) - instructions of how to run application `emon`