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Run PD SSP Online Monitor on np04:

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Manual:

- Login on `np04daq@np04-srv-001`
- Version built on `/nfs/sw/om/ProtoDUNE_OM_artdaq_v3_02_dev`
- `source /nfs/sw/om/ProtoDUNE_OM_artdaq_v3_02_dev/setupONLINEMONITORING`
- `cd your_output_dir`
- `art -c /nfs/sw/om/ProtoDUNE_OM_artdaq_v3_02_dev/srcs/dunetpc/dune/Protodune/singlephase/RawDecoder/data0/np04_raw_run_runnumber.root > output.log &`
- Look at your output in `RawDecoder_hist.root`

Paolo Franchini ROOT script:

- `cd /nfs/home/np04daq/pfranchini/DUNE/PD`
- `source /nfs/sw/om/ProtoDUNE_OM_artdaq_v3_02_dev/setupONLINEMONITORING`
- `/om.sh run_number` (e.g. `001983_5`)
- it creates a sub directory with all the plots and a pdf including all of them

List of available plots (not all are in MONET):

- packets frequency
- packets per event
- peaks height distribution

- pedestal vs event (per channel)
- area vs event (per channel)
- peak vs event (per channel)
- area vs peak (per channel)
- persistent waveform (per channel)

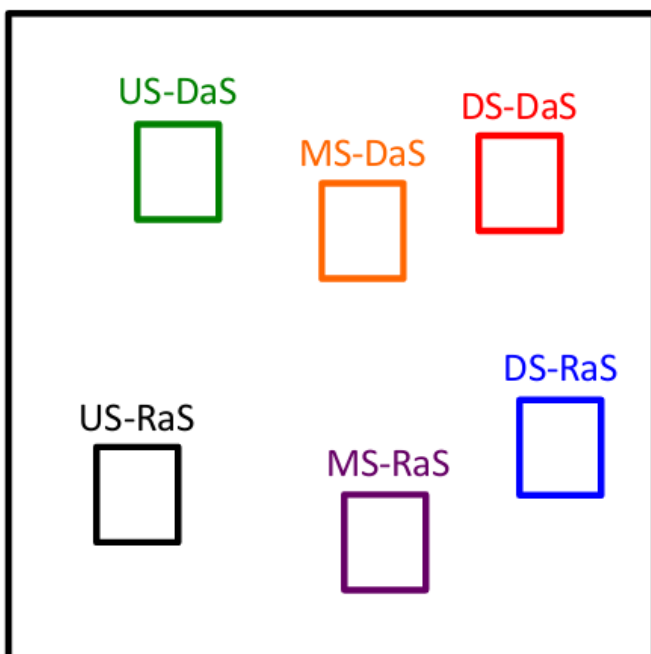
- area distribution (per channel)
- peak distribution (per channel)
- FFT (per channel)
- trigger type (per channel)

-- KarolH - 2017-06-29

- `ssp-map.png`:

Map of SSP DAQ #s to unit serial numbers – 25-JU

DAQ # labels (temporarily attached to front of SSP)
 SSP unit serial numbers (permanently attached to back)



Rack Name	SSP DAQ #s	SSP
US-DaS	501-504	121
MS-DaS	601-604	128
DS-DaS	401-404	117
US-RaS	301-304	114
MS-RaS	201-204	110
DS-RaS	101-104	106

Arrangement in racks – bottom
 – DAQ # x01, x02, x03, x04

- PDChannel_Map_Final_Aug2018.pdf: Final PD Channel Map-Aug2018

This topic: CENF > SSPBasicOp

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