

GUI for local runs

- A common GUI with both run control and HV control is now available
- It required merging run control and HV control (version 5) OPI's (Operator Panel Interface)
- Provided a link within the run control panel which opens the HV control panel in a new tab
- Location of the final OPI file: `/home/usr/vipingau/.cs-studio/DAQ/v8.opi`

To do ..

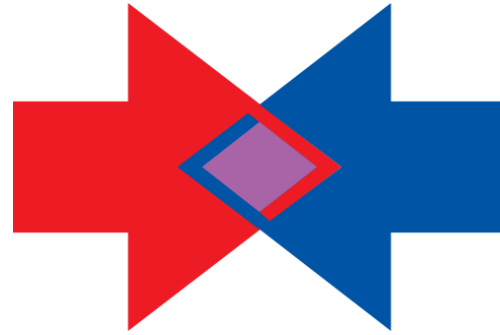
- HV control OPI (version 6) with `hvcrateswitch.js` is now available
- Use HV control OPI (version 6) for the common GUI

Run control OPI



runcontrol.opi
ttd.opi

sockmem_copper.opi
sock_mem_klm.opi
storage.opi



HV Control OPI



bklmhvcontrol_BBScin.opi
bklmhvcontrol_BFScin.opi

bklmhvcontrol_RPCBB0.opi
.
.
bklmhvcontrol_RPCBB7.opi
bklmhvcontrol_RPCBF0.opi
.
.
bklmhvcontrol_RPCBF7.opi
hvchannel_details.opi

v8.opi HVGUI:BKLM_HV

HV BKLM_HV

PS State: #####

Main commands

TURNON STANDBY
TURNOFF RECOVER

BKLM HV sectors

scintillator BF scintillator BB

RPC BF0 RPC BF1 RPC BF2 RPC BF3

RPC BF4 RPC BF5 RPC BF6 RPC BF7

RPC BB0 RPC BB1 RPC BB2 RPC BB3

RPC BB4 RPC BB5 RPC BB6 RPC BB7

Date	From	Level	Message

RUNCONTROL

Run #: #####

#####

LOAD

ABORT

#####

#####

#####

Hostname	Status	BytesRate [MB/s]	HSLB-a	HSLB-b	HSLB-c	HSLB-d
cpr7001	Label	#####	#####	#####	#####	#####
cpr7002	Label	#####	#####	#####	#####	#####
cpr7003	Label	#####	#####	#####	#####	#####
cpr7004	Label	#####	#####	#####	#####	#####

TTD

FTSW # #####

Trigger type

TT IO

Trigger limit

Dummy rate [Hz]

Max time [us]

Max trig

FTSW state

Run start at #####

Run time [sec]

Trigger in [Hz]

Trigger out [Hz]

Input count

Output count

reset

start

STORE_BKLM

Run type

Event rate [Hz]

Event size [kB]

Event counter

File size [MB]

of files

eb2rx input

000000

000000

0:

0:

Panel 1

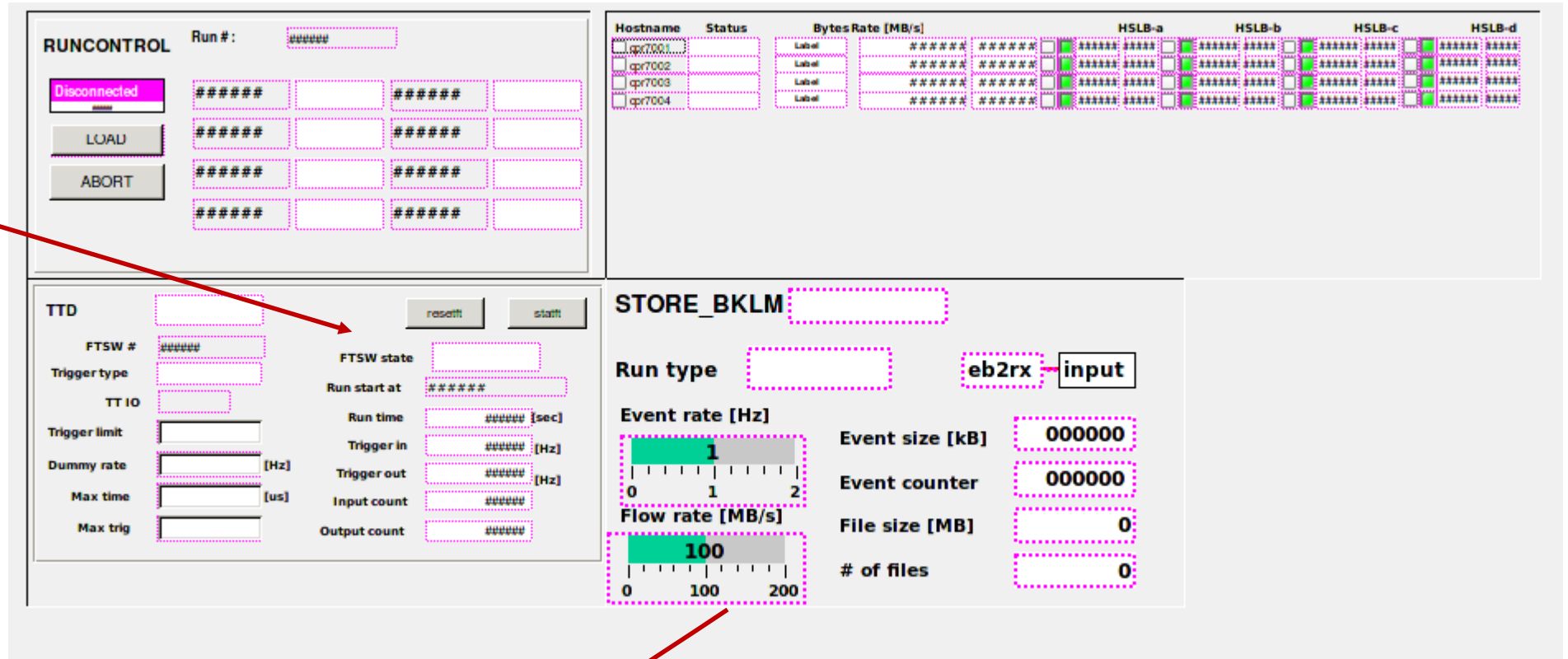
Open /
DAQ/

Workbench Tab



Panel 1 & 2 in two tabs

Thanks!



- FTSW status
- Option to input

- ❖ Trigger type
- ❖ Trigger limit
- ❖ Dummy rate
- ❖ Max time

- BKLM store

Top left panel

- Run control panel
- With load, abort and boot features

Top right panel

- Displays host name (name of cpr)
- Displays status of all four cpr and slots a, b, c & d
- Allows us to include or exclude any cpr and its slots
- Displays byte rate