

Installation of GDS broadcaster

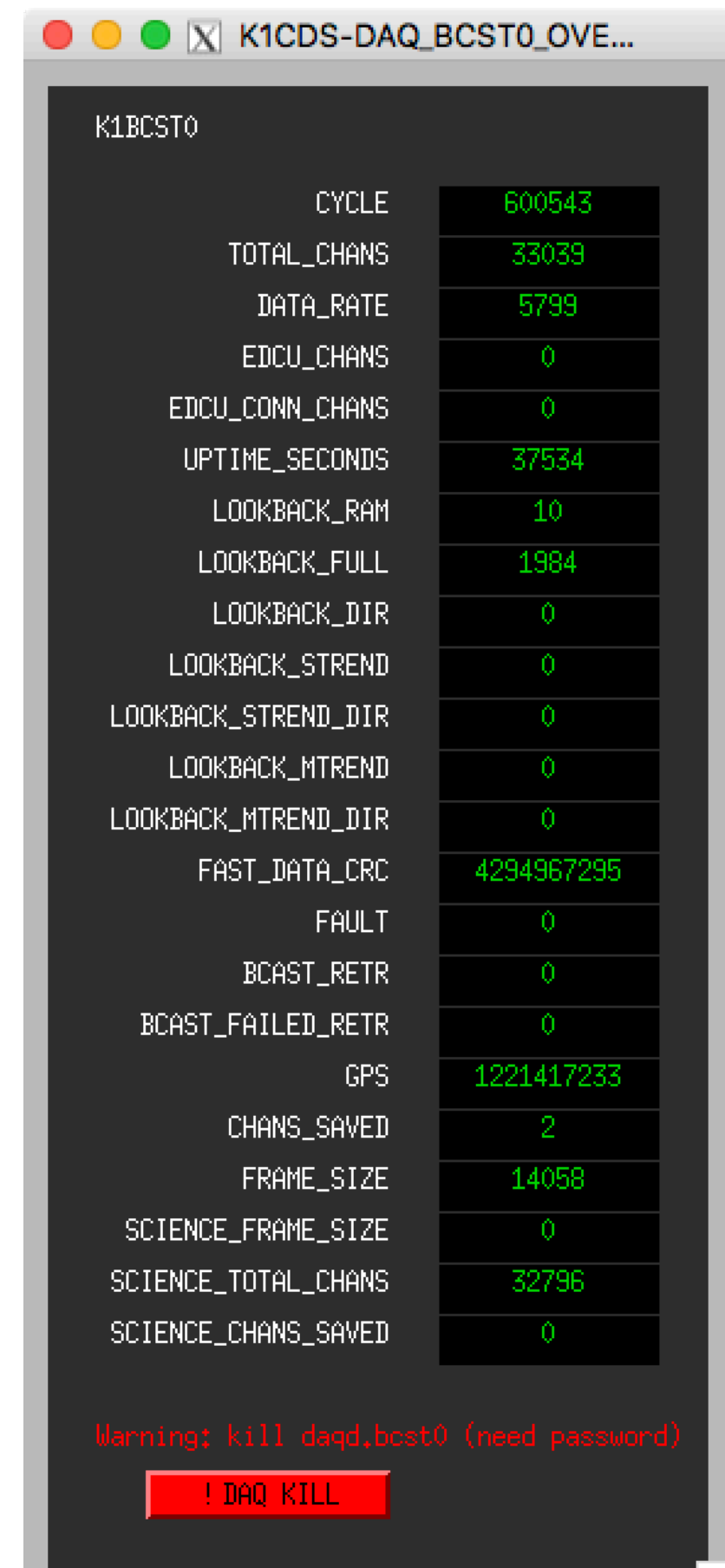
L-K CDS Meeting

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Instration of GDS broadcaster (k1bcst0)

- I succeeded to install k1bcst0
on the test-bench system (v3.1.1)
& on the KAGRA system (v2.9.7).
- KAGRA's CAL group(gstlal-calibration)
has already received
the 1-second long frames.
- We now broadcast the 1-sec. long frames
to CDS network (1Gbps)



The screenshot shows a window titled 'K1CDS-DAQ_BCST0_OVE...' with a dark background. It displays a list of metrics for 'K1BCST0'. The metrics are listed on the left, and their corresponding values are on the right. Most values are in green, while some are in red. At the bottom, there is a red warning message and a red button labeled '! DAQ KILL'.

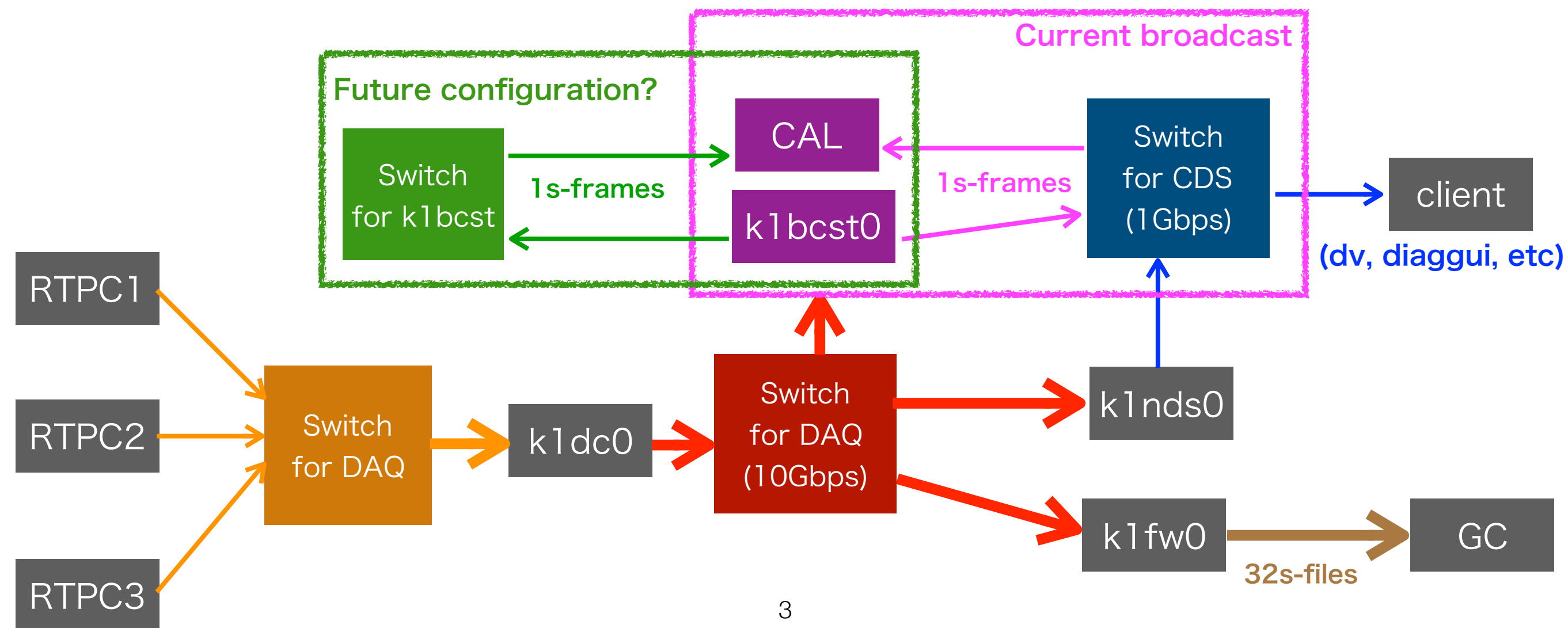
K1BCST0	
CYCLE	600543
TOTAL_CHANS	33039
DATA_RATE	5799
EDCU_CHANS	0
EDCU_CONN_CHANS	0
UPTIME_SECONDS	37534
LOOKBACK_RAM	10
LOOKBACK_FULL	1984
LOOKBACK_DIR	0
LOOKBACK_STREND	0
LOOKBACK_STREND_DIR	0
LOOKBACK_MTREND	0
LOOKBACK_MTREND_DIR	0
FAST_DATA_CRC	4294967295
FAULT	0
BCAST_RETR	0
BCAST_FAILED_RETR	0
GPS	1221417233
CHANS_SAVED	2
FRAME_SIZE	14058
SCIENCE_FRAME_SIZE	0
SCIENCE_TOTAL_CHANS	32796
SCIENCE_CHANS_SAVED	0

Warning: kill daqd.bcst0 (need password)

! DAQ KILL

Schematic view of the our network construction

- The 1-sec. long frames flow on the general-purpose network in the current situation.
- Is the network bandwidth shortage in the near future?
- Should we prepare the dedicated network for the GDS broadcaster?



Is the LIGO svn moved?

- We obtained RCG and DAQ code from LIGO svn using Osamu's account.
- We already download from v2.x to 3.2.
- Osamu tried to get the v3.3 or higher, but we cannot find any version on the LIGO svn even the version we had already obtained.
- Are there any way for getting RCG/DAQ code?