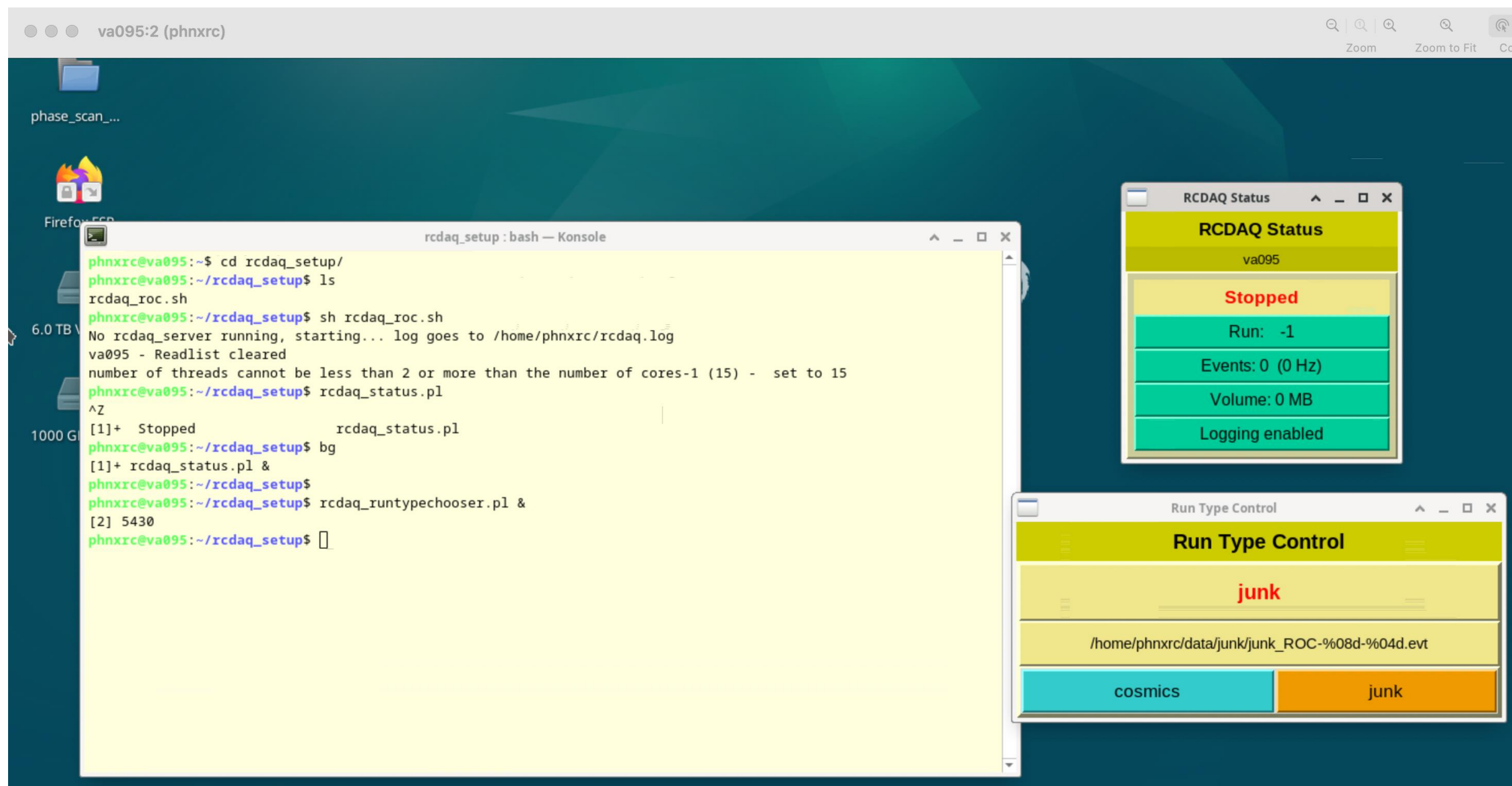


This week's activities

I spent some time in the Highbay this week to get the 2nd readout system off the ground.

- Mike moved the large boxes out of the way so I can actually get at stuff without acrobatics (thanks, Mike!)
- The old highbaygw machine that had been mothballed for ~3 years was beyond resurrection. I made it new.
- I have yet to bring our accounts over that are on hcalgw – RSN
- The DAQ rack is powered (only the essential breakers are on for the PC, switches, and the NIM crate)
- The actual DAQ machine is up and runs all that we need. It goes by both the caloroc3 and the va095 name, in honor of what it had been called for many years and many FTBF test beams.
- (I also preserved the original va095 disk and put a fresh one in – although we don't see a path to the FTBF anytime soon, and the OS and actual DAQ software is old, there are FTBF-operations scripts on there that we might want to have again one day – such as the automated positioning table stuff, the interface scripts with the accelerator, etc etc)
- That DAQ machine never had a monitor. Just VNC here. It's up.
- That place needs a serious scrubbing before we bring any delicate electronics there. 3 years' worth of dust and stuff coming down from the ceiling...

The VNC...



The screenshot shows a VNC session titled "va095:2 (phnxrc)". The desktop background is a dark blue geometric pattern. On the left sidebar, there are icons for "phase_scan...", "Firefox ESR", and storage information: "6.0 TB V" and "1000 G".

A terminal window titled "rcdaq_setup : bash — Konsole" is open, showing the following commands and output:

```
phnxrc@va095:~$ cd rcdaq_setup/
phnxrc@va095:~/rcdaq_setup$ ls
rcdaq_roc.sh
phnxrc@va095:~/rcdaq_setup$ sh rcdaq_roc.sh
No rcdaq_server running, starting... log goes to /home/phnxrc/rcdaq.log
va095 - Readlist cleared
number of threads cannot be less than 2 or more than the number of cores-1 (15) - set to 15
phnxrc@va095:~/rcdaq_setup$ rcdaq_status.pl
^Z
[1]+  Stopped                  rcdaq_status.pl
phnxrc@va095:~/rcdaq_setup$ bg
[1]+ rcdaq_status.pl &
phnxrc@va095:~/rcdaq_setup$
phnxrc@va095:~/rcdaq_setup$ rcdaq_runtypechooser.pl &
[2] 5430
phnxrc@va095:~/rcdaq_setup$
```

Two status windows are open on the right:

- RCDAQ Status**: A window with a yellow header and a yellow body. It displays "va095" and "Stopped" in red. Below are four green buttons: "Run: -1", "Events: 0 (0 Hz)", "Volume: 0 MB", and "Logging enabled".
- Run Type Control**: A window with a yellow header and a yellow body. It displays "junk" in red. Below is a text field containing "/home/phnxrc/data/junk/junk_ROC-%08d-%04d.evt". At the bottom are two buttons: "cosmics" (cyan) and "junk" (orange).