WURM, 14-04-2025 13:00 CEST WURMng Marjo's office

Present: Mark, Des, Wybren, Bob, Paul, Marjolein

Bob: had a Zoom call with JakeB (e-Merlin) and AardK on using sfxc @ e-Merlin; found that some location(s) were not fully written in the control file; FPGA correlator still on the table for e-Merlin; explained that channelisation is a good thing as well as having one channel per VDIF thread is better for software correlation. fringetest on multiple nodes: running into Py2/Py3 issues?! Q: what do supp.sci *really* use? [All: bring up at VLOPS tomorrow] DOIs: script done, tried several epochs, what to do with certain types of rogue experiments? [All: bring up at VLOPS tomorrow]

Des: w/ Wybren working on Flask (see Wybren's contribution). Working on SNR analysis memo, expect it to be written up in <= two weeks, then add into LSQ solver in VIPER/RADPS.

Mark: broke the GPU "toy" correlator into two pieces; succeeded in transferring data from one node into GPU memory of other node: s/w runs but produces incorrect results and sometimes hiccups; was able to boot DAS-6 node w/ erroneous kernel parameter(s) resulting in machine hanging (should not even be possible). SLURM: node allocation seems to work (ask N get N), working on script that generates machine+rank files.

Paul: VM consoles are on ttyS0, h/w on ttyS1 (been like that for decade(s)), working to unify that. Awaiting mail from BoX on trying iperf w/ T6 (complaints of data transfer speed). Sent mail about RADIOBLOCKS DAS-6 <=> FlexBuff link: no reply.

Wybren: w/ Des working on Flask; have config to run Flask as service but still doesn't work seamlessly; can delete the "/top/" part of the URLs for those apps (and add redirect). mk6-2 reinstalled, now working on playbook for guest accounts, removing machine from LDAP. sfxc-e nodes have HDDs again. Mattermost upgrade to Postgres still ongoing — script isn't really helpful. fb20: grub did not specify correct serial console.

AOB:
[Des: database sometimes very slow, under investigation?]
[Paul: enabled more logging, now could try to cross-correlate w/ slowness]
[After some discussion: can create a Zabbix test to run single query and measure duration]