WURM, 13-01-2025 13:00 CET WURMng Oort room

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

Plenary: happy new year! And there's e-VLBI tomorrow (starts quite late, but still: be available for troubleshooting), MT meeting tomorrow.

Paul: 3fm Serious Request old hardware donation idea by ICT (before Christmas holidays) resulted in more than expected, ~a whole rack of equipment; still not collected. Repeated TEASER talk for ASTRON audience who wanted to hear but could not attend first installment; scheduled for astrolunch next week. Together with AdriaanR working through recovering WSRT DDS1 tapes; EEE2 installation seems to be limited by BenitoM availability at the moment. Received two PetaBuffs (e-Merlin, SWEEPS) and one FlexBuff (S. Africa). Flask installed on archive; disabled "shared memory use for X11" on archive (.Xresources these days apparently).

Aard: new e-Merlin digital backend outputs 4-bit VDIF - implemented; tested using modified 8-bit-to-2-bit (8->4) and seems to work. BertH reports freezing corr - root cause analysis revealed PEBKAC: (incorrectly) hand-edited VEX file. Ventspils users report AC vs XC freq axis different/reversed? (in AIPS); colleagues visiting end of month so will postpone investigation until then. Working on RADIOBLOCKS deliverable text on delay compensation.

Wybren: FRB reinstalled (finally - boot partition should be small otherwise no boot); Ollama does not see GPUs. One FlexBuff in rack w/ powersupplies (w/ MartinL) This week: Ansible to new machine and adressing reported issue: no monitoring on archive.

Mark: Before Christmas MSv4 review, community involvement lower than expected, report coming (and project got "pass" review). Investigate ParselTongue w/o Obit (getting more and more complicated to build) using Kaitai (YAML to data format code): AIPS is so archaic meaning it's not a good match for tool so would require manual conversion (r/w of tables seems doable; u,v-data unknown). PR for casacore: identify/handle IDI-FITS more correctly. Improving GPU correlator test facility to be more flexible such that also others than AardK can run tests. Working on design document for MPC in GPU correlator.

Bob: Merging NRAO Sched into our, had to revert to linear patching ours / theirs manually but seems to have worked; now on brink of merging 11.8 but that has (very) different catalogs and some code changes that need to be translated to Python. BobC request: flexbuff space administration tooling requires category for *why* data is marked "no delete" in stead of just boolean. ProposalDB querying and linking to other data need to have smaller side meeting.

Des: PapersDB in need of cleaning up, has priority for now. In Dec presented fringefit to VIPER team, got useful suggestions.