WURM, 01-09-2025 13:00 CEST WURMng Marjolein's office

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

Plenary announcements: JIVE General Meeting tomorrow

Bob: NRAO e-transfer of missing disk pack - transferred 11 TB @ 750 Mbps (parallelising did not improve speed, hinting at path limitation); next session quite large, expect ~620 TB, at current rate would take 3 months (BobC: still preferable to disk shipping!); how to incorporate e-transfer into automated system to share load over disks uncertain, remote side may not be available, need to coordinate w/ remote sta [Marjo: isn't that .TRUE. for current as well, to some extent?] DBBC3 simulation test during correlation: aribox fails to handle 2 x 2 Gbps (1.7 Gbps max) [Mark: wrote faster unpacker, but possibly aribox so old it doesn't have those instructions, might not be the only fb with this problem] [Marjo: let's forget aribox for these applications, it's an old PoS that needs to go]. Merging more PySCHED catalog updates.

Mark: submitted two abstracts for IVTW [GPU correlator, MSv4/xradio]. RADIOBLOCKS M18 polished up after ASTRON updates following reviewer comments. Presented EVN Archive status/update @ ACME WP4 meeting. SFXC Workshop cluster: built sfxc, need ability for users to ssh into other nodes w/o password; sfxc-e0 will be head node.

Des: LOFAR long-baseline week: worked with the summer student, calibrated HBA data, now working on LBA (more challenging); newest CASA not OK on own desktop (wreaking Wayland woes), resorted to copy data to casa-dev; converted DP3 docker img to Singularity (hah!) tried to calibrate: some BLs OK, tried mimicking official LOFAR "lesotho" plot, failed to run or config (complicated), i.e. need some ASTRON staff involvement. Minor improvements on PolCvt, not saying anything about it at the moment.

Aard: Keycloak team edited (mostly policies), easier than it was, but the only documentation that exists is the merge-request commit message. With FranzK: own pulsar data too old and too complex for SFXC Workshop: take new data in PRECISE (w/ approval of EVN-PC). Scripting: not all modes were supported so it now does everything log2vex does although KVNs/VLBAs not processed? [Bob: actually, they do, it's just a simple mapping: those stations do something sensible]. Coherent dedispersion in sfxc-gpu: cufftdx only really supported > 32000 pts, otherwise may need to use cufft.

Paul: ik ben terug! Backups haven't been running for three days - commit + run of new VM? [Marjolein: Wybren was worried about the new VM so had me check and nothing burp-related on the VM]. Archive had a disk broken, hot spare started to auto-resilver, all-good now, need to replace. Fix SQL hiccup in backup script (pipeline of commands, first one #FAILed, but follow-up still ran, yielding "success" exit code): need "set -e" but dash didn't like it (or was too old - Marjolein forgot to minute that), so now forcing #!/bin/bash. 4x Mellanox HBA order before holiday still in limbo - ASTRON's

purchase department couldn't order for some reason, claiming "Only PayPal supported", following that up now. HBA suggestion for fb22, accepting quote of ~500€ for different model. Submitted PR to get new colleague MislavB into leave overview. Now that we have two supp.scientiest leaving and two new coming — is there an on-/off-boarding procedure? [Marjolein: OK I need to work on that]