

WURM, 20-01-2025 13:00 CET WURMng Library meeting room

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

No plenary announcements.

Wybren: copying databases db0=>db1; fb19 mounted in rack, installed, but no pools yet: disk tray filled from different end than our tooling expects. New Ansible server installed, then start migrating and see what #FAILs; beware to upgrade out.sfxc (which is not a VM!). KVM servers cl[23] require O/S database update: plan = migrate all VMs to cl3, update+upgrade cl2, migrate back.

Paul: at e-VLBI last week several external users could not log in to Mattermost: system required mail verification but users never got mail w/ clickable link (root cause: time-out of account?); also ongoing at same time DDoS attack on SURF, mostly from external into SURFnet so did not affect e-VLBI too much. Together w/ BenitoM seem to have fixed EVN Seminar mails coming from list in stead of person/individual. Issued ICT ticket to allow db[01] connection to proposal.jive.eu. Stack of old h/w to donate to charity: head, tail, trantor, HP switch(es), Infiniband cards, LTO drives, broken out-of-warranty HDDs. Q: what to do w/ Sun LTO drive on out.sfxc? [A Elderling: everything backed up to LTO8 these days, but should keep this drive].

Aard: working on RADIOBLOCKS deliverable part (done). Working on cuda-wrappers, advantage is that normally lot of hardcoded params in cuda code i.e. lots of maintenance if underlying device changes, cuda-wrappers allows parametrization but implies that code has to be rewritten to take params; VEX support in sfxc-gpu: better not use sfxc VEX reader b/c error messages are not helpful, maybe use official parser and wrap? Latvian visitors this week, will be investigating spectral line freq different position in AC vs XC.

Mark: TammoJD fed up w/ PRs or so – enabled write privilege on casacore; able to merge own PR (after having been reviewed ofc). Würzburg VLBI group: casa PR for parallactic angle correction for beam waveguide mounts review requested; Greisen has added it to AIPS, RichardD/MariaR published paper on this. Attended meeting on VOEvent in IVOA (w/ AntoniaR and FabianS in the meeting). GeorgeM seems to have finished reviewing polcombine in casa fringe fit, expect PR soon-ish. Solved ParselTongue problem, brew recipes getting more convoluted, but have fixed. Des and myself should now be able to use NRAO's Gsuite, in process of being configured.

Des: McKean presentation had slide w/ my name on, after checking out not really, but in fact, EVN + e-Merlin = difficult to combine (multiscale in one obs), (very) difficult to find out what /really/ goes wrong – is interesting problem; JackR produced doc for ngVLA (not published, will request copy), in RADIOBLOCKS T5.3 may be interested in simulations and investigate systematically, also LOFAR long baseline team has same prob. New db scheme for PapersDB, moved data into it, then how to roll out; working on combining papers w/

proposals = need link between db[01] and proposal (dop800) (see Paul - red.)

Bob: query requested over three (3) db's (proposal, linked proposal code (on db1) and experiments db (on db0) => use federation is simplest; proposal db firewalled, need to open (see Paul - red.). Working on merging SCHED 11.8 into PySCHED: code changes to support Mark6, need discussion at VLOPS about new catalogs and default (all vlba in SCHED 11.8 - not necessarily what JIVE/EVN should choose as default); integrated the code get lots (really lots) of warnings "input longer than FORTRAN memory", turns out vlba source list has added extra precision in src pos name: actions a) print only once for each attribute going out of bounds and b) better inform JayB @ NRAO that these extra chars are silently dropped in the pure FORTRAN SCHED. Updated "do not delete" tool w/ "reason" or "category" field, handed to BobC for testin'.