

WURM, 11-03-2024 13:00 WURM Marjo's room

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

Plenary session:

There will be an MT meeting this week [after meeting realised it's actually next week], vlcoffee tomorrow, and the INFRADEV (EU w/ Africa) proposal will be submitted. Not a lot of work for us, mostly travel money: use VLBI as (one of) the instrument(s) to do skill transfer and community building based on existing projects.

Aard: GPU corr amplitude diff: found some bugs but also structure in the amplitudes - sfxc data was done with subints and GPU not, leading to 0.5% diff. Got CI/CD integration on ASTRON Gitlab working, now need to define (better) tests. ShivaniB using VLBA experiment: all calibrator scans gone, want to use calibration data onto EVN data but models not the same: need to import DiFX model which used to work long time ago but may have suffered from bit rot. Merging phased array code into main.

Mark: sfxc GUI to Py3, done on newer Deb11 but no package for that vsn of Qwt on Ubuntu18 so now compiling own. EOP support in CASA: packages built, now in the hands of VLBA for verification/validation/checking. Importing old VLBA data is now in casacore. IVOA RadioIG is preparing for the next interop. EHT 2018 data: correlator and polconvert problems adressed; should've been released about a year ago already. Will work on VO ObsCore radio extension this week.

Des: spent time on creating RADIOBLOCKS milestone. Created branch for ShivaniB to fringe fit a single time stamp; Sebastiano reports on "different spectral channels per SPW" that it seems to work. vex2db issue resolved; db2vex produces VEX1.5 only; db knows if 1.5 or 2 was uploaded so db2vex should create what was put in. ngCASA fringe fit: global algo on single SPW results: it works but is zuperzsloow; after profiling: data to function = passing only meta data, data is (re)read from disk and requires locking.

Wybren: Hh link underperforming - test w/ JonQ looked ok, seemed to have "fixed itself" and then back to 50 Mbps [PaulB: maybe we're seeing a capacity problem due to cable breaks?]. Reverse proxy: ready to go but not changed yet (EVN session running atm). Setting up NFS on installserver for "framboos" so it can netboot.

Paul: new DDS4 DAT drive arrived, installed, and working again. Pkt loss @e-VLBI: did internal test and all seemed ok; session running now but would like to do international test to see if reproducible. Asterics.eu website certificate fixed (certificate did not auto-refresh due to change in firewall rules). Trantor2 now running Deb12.05 (Bookworm), setting up draid of zfs. EVN mailinglist requested via helpdesk ticket: got redirected to webforms. Archive2: waiting for copy of updated testdb to finish before can test next step. Tape library: waiting from supplier (Spectra) quote(s). Helped MikeS w/ network probs and MartinL w/ Paternoster repair. [Z0Z]

AOB: Request for helping w/ outreach activity upcoming, Des w/ Ilse & Ioanna looking into this: schoolkids visit, project "baselines" where kids meet at ends of (EVN) baseline(s) (telescopes), so obviously they're taking the kids to LOFAR field (...). But will be working on magnets & whiteboard & webcam tool.