

ZWURM, 23-08-2021 13:00 (ZWURM through Zoom because of #COVID19 house quarantine/wk76)

Present Ilse, Mark, Aard, Des, Harro

Des: The Virtual Radio Interferometer is working in javascript – the most difficult mechanics, e.g. 2D FFT and sampling of the u,v-plane. Needs lot more work such as: units aware for proper scaling, declination of target, antennapositions to u,v-coordinates and understanding modern-day CSS.

Aard: Abstract for Baltic Applied Astroinformatics and Space data Processing accepted. Berth: crashing correlator; fb6 key exchange errors (happens sometimes) and fb0 has root fs problem: machine freezes on access to root fs; decided to reboot fb0, root fs building as we speak. [Harro: replacement SATA-DOM for the root fs has already been ordered]. BinderHub: guide from Manchester SKAO helps (mentions Bare Metal installation but actually uses VMs instead); solution for two services using same port (80) difficult – try different reverse proxies or other approaches, no success so far.

Ilse: Will spend time this week on: JUMPING JIVE reporting; the CASA paper announced from just before the holidays (BjornE) – would be nice to have a writeup of the detailed AIPS vs CASA comparison carried out; CASA coordination meeting; and NAEIC meeting.

Mark: Tying up VEX2 loose ends; WalterB implementing support in DiFX: found two issues with VEX2 file created by pySCHED w/ strict parser: one because of loose definition in VEX2 standard, other pySCHED issue [Harro: VEX2 file I used didn't give any issues with official VEX2 parser, will get it to you for testing]. CASA6.3 branch created, tickets not validated moved to 6.4 branch; does include JIVE tickets: memory usage fix, frequency match issue, per-scan interpolation fix; will discuss at CASA coord. meeting this week. This week: use case(s) in ESCAPE WP3 redmine. VO registration process: there exist old and new site – documentation points at old site, new site does not give error (old site does) but expect now a human must pick up the registration and process manually, so not completed yet.

Harro: fixed some leftover Py2->3 compatibility issues; someone in SA has a PR that changes jiveplot into a pypi package structure, hinged on a thing not working at all, managed to find & fix issue; after merging some dev branches onto master consider changing over to pypi package.