

ZWURM, 12-04-2021 14:00 (ZWURM through Zoom because of #COVID19 house quarantine/wk57)

Present eBob, Aard, Ilse, Mark, Des, Harro

Aard: The 64 MHz / stress test #FAIL and recent e-VLBI issues might be related: performance issue introduced in sfxc input node code (pass-by-reference changed to pass-by-value, copying too many lists); patched version seems that geo experiment does not terminate [before end of meeting MarkK: might have been something in cluster; seems to work now]: will use in tomorrow's e-VLBI. Jupyter plugin work turned up lot of new learning opportunities; underlying client/server technology is Tornado and plugin uses serverside Python to execute V0 query - not easy to reproduce in user-facing javascript. Received https certificate for Jupyterhub, should be open to World at large soon.

Mark: CASA VLBI coordination mtng; priorities for this year: summer bugfix release 6.3 (expect: fringe fit mem usage, import vlba/tsys fixes, per scan interpolation), December 6.4 new developments. Received e-Merlin correlator full polarization data to test canonical ordering of products. Checked sfxc patch, ran four standard tests and one geo didn't finish [went away before end of this meeting]; note: e-VLBI mult.phs.cntn correlation #FAILED too - likely related to AardK's find. Attended ESCAPE WP3 mtng. This week: ESCAPE WP4 tech forum, will take up lot of time; expect EHT software/data compat meeting this week.

Ilse: Spectral line pipeline / notebook shaping up: when shaped fully up need to get support group involved. EAS Special Session #11 programme delivered to EAS; job interviews were held and a position allegedly was offered. In CASA VLBI coordination mtng asked GeorgeM about CASA5 support? Unknown; MacOS max 2yr apparently. Start work on JJ final report deliverable; NOVA ISC next week, requires some prep this week; working with YanG + MattiaM to organize internal V0 workshop early June; some EVN symposium and EVN newsletter work.

Des: New fringe fit memo distributed for final inspection. ProposalDB institutes normalized to GRID ids where possible - about 100 of them. Working on answers to KPI questions, javascript to liven up webpages. Received EU-VGOS data from MinghuiX for fringe fit test; timely before EU-VGOS correlation meeting next week.

eBob: 4 Gbps / stresstest demonstrably #FAIL but now that new patch avail should retry. Working on archive webpages PHP to Python migration: uses filesystem more than hoped (meaning of filenames); proposed approach: first replicate in Python, can work on better archive if integration with e.g. V0 necessary later.

Harro: Implemented regression test system for j2ms2 / tConvert, can run (semi-)automatically, will also test numerical equivalence of MeasurementSet output; seeking identifiable crosspol data.