ZWURM, 19-04-2021 14:00 (ZWURM through Zoom because of #COVID19 house quarantaine/wk58)

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

Des: Continued work on usage statistics and aswering "KPI" questions, looking promising. This week will have 3rd EU-VGOS correlator meeting: doing data analysis of EU-VGOS data and preparing presentation.

Ilse: Had a pyvo notebook ADQL hiccup, solved (PEBKAC), notebook now seems to work. NOVA ISC happening this week - interesting topic: instrument combining polarization and imaging. Attended workshop inappropriate behaviour. Spectral line processing requirements finished. Received feedback on NAC future; main problem identified and symptomatic is that no agreement on the name since the Royal/ Koninklijk epitheton has been granted. EVN symposium work happening this week as well EHT 2yr party.

Mark: Attended ESCAPE WP4 tech forum, presented evn-vo.jive.eu portal and had the TAP service live checked in one of the hackathons and the minor issues were readily solved; there was a WP3 meeting w/ an onboarding talk as well. The e-Merlin data for full polarization product order tests is OK and the unit test is waiting approval for inclusion into the distribution. Per-scan interpolation progressing, should be on track for inclusion in next CASA release. This week will have EU-VGOS, 2x EHT, and a CASA meeting.

Aard: Rainy weights during e-VLBI last week w/ new sfxc; swap to previous version, would still occur (e.g. next morning); symptom: one or more stations start to lag; could try in simulation? [MarkK: be sure to have > 1 64MHz eMerlins and different total bandwidth stations in the simulation]. Juphub server: Python 3.8 vs. 3.6 woes (API returns bytearrays i.s.o. string) - pyvo module behaves differently; creating Jupytercasa img based on Ubuntu20.04 + pip install packages: everything works _except_ CASA (i.e. just can't win); new-user directory permission problem persists - depends on specific translation of special characters in user name to path; works with https! now set up properly using docker network in stead of host; presented Jupyterlab plugin for VO access to the EVN archive at WP4 tech forum.

Paul: Disk issues: 2x broken in same pool, more disks failing (fb2): replaced with Mark6 diskpack disks; fb7: WSRT bought new disk and spare; fb9 still wrong disk type (not SATA); fb4 replaced 8TB by 10TB disk so will need re-replacement if new 8TB arrives; frb has both root disks failing and after replacing with 3TB disk still unhappy. Received mail from KlaasS about gitlab CVE w/ score 9.9 (remote code execution); was trial setup that no-one uses, no data on it: disabled VM. Correlator floor reinforcement planning unfortunate (as in: _really_ too soon), require coordination with operations, WSRT (fb7 is their recorder) and technical ops. Replacing one Mark5 mobo with new one, move mobo of Mk5#13 into other failing Mk5 so Mk5#13 decommissioned. Progress on EVN

monitoring system slow, waiting AlexanderN. Next week will be promotion commission hearing so will spend time on that this week.

eBob: Plodding on Pythonizing archive website scripts. Added debugging to e-transfer system: e-Merlin transfer still not happening - disabled by e-Merlin operator during e-VLBI (".jive.allow" file) but forgot to enable again afterwards (and e-transfer is disabled during e-VLBI automatically anyway). fb2/fb9 still not in e-transfer: status? [PaulB: fb9 network fixed weeks ago, can be used again]