

ZWURM, 05-07-2021 13:00 (ZWURM through Zoom because of #COVID19 house quarantine/wk69)

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

General announcements: ORP-PILOT general JA2 kickoff will be 15 July, the fire-proof cabinet for tape storage's been ordered and should arrive in ~8-10 weeks, JUMPING JIVE D8.6 will be delivered this week.

Des: Made improvements to PapersDB interface, made a presentation at vlcoffee earlier today, got useful feedback (some suggestions for future use cases), since it uses LDAP login should get https working this week. Prepared supporting polarization combination option to fringeFit - did most of the plumbing for that; GeorgeM replied indicating preferred combining solution so will start work on that.

Aard: Operations report very very slow correlation last week, together with Paul traced to fb3: correlator stalls; script to read from each file in directory: disk1 exceptionally slow, if script cancelled & restarted: fast w/ files that have been read, new file back to super slow. Paul start zfs scrub, ran in normal time and didn't find (nor fix anything), but seems to have cleared the issue nonetheless; fb3 has been subject of issues before. Jupyterhub EVN application ready! Search and display results in table! Now fighting with gitea (on eee-dev) to have script to generate repo for an experiment: user cannot create repo remotely? [Paul] this is enabled on gitea, can share config item & file in which to put it.

Ilse: Last week EAS: full program. This week last EVN symposium preparations, NRAO/JIVE CASA VLBI coord mtng this week, together with many other meetings that have to happen before the holiday.

Mark: Spent time on VEX2 standard; discussion about multiple beam arrays (e.g. SKA), telecon this month, after that publish the standard. CASA: VLBI coord meeting this week and in prep for that edit requirements document, move "done" items to appendix; investigated EOPs: ALMA has Python CALC wrapper w/ setup.py that compiles & provides sensible interface to CALC (SKA will use this too), so can run twice (old & new params) and add diff as calibration table; report from MichaelJ re per-scan interpolation package: very slow, will investigate. This week first NL Virtual Observatory meeting, rounding up people from different institutes and gauge interest/needs; will present JIVE effort; if want to include pipeline/preview images may need to change VO a bit, require unique link for DataLink to specific image; even though JIVE isn't technically a NL organisation (but situation is akin to NAEIC - JIVE operates within the NL astronomical landscape). In week 22-26 Nov 2021 there will be EU data providers forum (3 day meeting), am part of SOC, is WP4 deliverable; goal is to provide tutorials + problem solving forum for institutes wanting to become VO data provider.

Paul: EAS took up almost all time last week. Found slow out.sfxc <-> eee problem: iffy fiber, fixed by disabling this link remotely (yay

for redundant 10 Gbps links), will investigate proper (and maybe fix) when multi-day (week?) j2ms2 finishes (JackR 700+ PhsCntr processing) to not disrupt that. fb3: see Aard. Have a certificate and Redmine ticket for services' https certificate.

BobE: Working on shared backup software, used lock file but that didn't work across all systems, now changed to using mysql locking; Bert needs tape & drive so will go back to reworking the archive web pages into Python and taking into account BenitoM/supp.sci/operations' archive interface document.