ZWURM, 14-03-2022 13:00 ZWURM (COVID-19 wk107)

Present Aard, Des, Mark, Paul, Marjolein

Plenary point: JIVE was recently caught unawares by a mailing that the "saldo uren" regeling is going to be stopped by the end of March; no-one at JIVE was informed nor consulted. There has been contact between director JIVE and institute mgr ASTRON but I (Marjolein) haven't heard back. Mail issues persist, JIVE collecting problems to be able to handle at different level than per-end-user-tickets. To be continued.

Aard: very interesting ESCAPE WP5 mtng last week on container tech; Singularity now "apptainer", and advised against strongly b/c of unreproducability: mixes user configuration with what's in the container; have installed on eee-dev: non-root works, root (obviously) not since eee-dev is a container itself. FranzK reports: periodicity in highest spectral channel; did recorrelate at high time res get almost perfect sinusoid w/ ~100 microsecond period; not bug in sfxc but that channel is on/at the Nyquist zone barrier. Coherent dedispersion crashes found & fixed: sometimes buffer not emptied at end of integration. Worked on sfxc paper.

Ilse: lot of meetings and workshops. Plotting AIPS vs CASA diff: MSs contain different data; time stamps in AIPS slightly different; when using "integrated by scan" somewhat better; plots that do work show almost no difference; seems to be a systematic ~2% amplitude difference. Work on INFRA-TECH proposal.

Mark: Spent a heck of a lot of time trying to get the new mail system to work (days). Attended both time slots of IVOA RadioIG meeting on Single Dish: data formats are a mess, ObsCore extension(s) discussed; participants from LMT (PeterT), GBT, Parkes, INAF's (big) single dishes but no-one from Bonn/Ef. CASA VLBI tech mtng, GeorgeM arrived late but had discussions w/ NealS (Des will report); after GeorgeM arrived had ~10min of time with him. Science compatibility meeting of EHT: 2017 data should be made public; also ngEHT DM wg has more time: org deadline Apr, now somewhere Apr-Jul time frame. Attended INFRA-TECH meeting. In NME Ef recorded DBBC3 data — two threads in separate files => requires VEX2; despite support for VEX2 (e-Merlin) didn't work: only Mark5 stations in output data even if only Ef out of job; VEX2 file from pySCHED: Mk5 stations incorrect, did mention to BobE but not sure if fix already released. This week ESCAPE WP4 TechForum (online) — very little (i.e. zero) mail traffic on the event (normally would travel there); EHT townhall mtng and ESCAPE WP3 FG2.

Des: Spent a lot of time complaining about mail and getting it "to work". New CASA VLBI integration branch created, one test SIGSEGV (not one of our tests); discussed with NealS, test identified and switched off since unrelated to the issue at hand in order to build packages for MichaelJ: script from MichaelJ now runs Just Fine (tm), although because of failing test cannot be official ofc. Will work on finalizing DOI landing page/archive integration demonstrator.

Need to prepare for next week's IVS school and need to upgrade memory in laptop since it cannot run both Chrome and Outlook.

Paul: prepared package for pick-up tomorrow to be sent off to CN (FiberStore RMA now available!), expect delivery of supplementary QSFP+ from different supplier tomorrow. Accidental power outtage: wonky relay in basement guarding part of the circuits become too sensitive, will be replaced by MartinL; only part of the equipment suffered power outtage but no fall-out so far; some fb booting issues remain (but understood by now), i.e. "as normal". Gitea was upgraded but still does not solve issue of seeing private repo w/o sharing with organisation. After EVN Session plan to upgrade Mattermost. Auto-patching roll-out: seems to go pretty good, no show-stoppers so far; since mail change do not get generated mails (shared mailbox unavail). fb2 reports broken 4TB disk — replace or upgrade?

Marjolein: Addressed Py3 issues in m5copy — some Py2/Py3 incompatibilities missed. Built VEX2-compatible j2ms2 for SuppSci group

AOB: [PaulB] fb2 is Ef's — will discuss "maintenance or upgrade" offline [MarkK] Marjolein's NatalieK appointment ended up in ZWURM calender?! [MarjoV] No idea how _that_ happened, it was unintentional and when I tried to fix it I couldn't at the time, will try again.