

ZWURM, 07-02-2022 13:00 ZWURM (COVID-19 wk102)

Present BobE, Aard, Mark, Paul, Ilse, Marjolein

Ilse: Spent time w/ ZsoltP focussing on CASA-VLBI paper AIPS vs CASA: imaging fixed, busy creating diagnostic plots. Working on SKA software workshop, data challenges interesting, possibly also for SKA-VLBI. This week preparing for VLBI-SKA-era talk [Q MarkK:] Shall we coordinate talks? [A:] Yes certainly! EHT has sprung alive, there's special session(s) at the EAS; I'm on the SOC, which requires a bit of time.

BobE: ANTAB-editor factor-per-channel: implemented; provenance?  
ZsoltP: put in comments, BenitoM: would like all edits in log;  
MarkK: propagate to FITS HIST keyword; need to investigate limits of FITS HIST to see how to have ANTAB comments map to FITS HIST keywords. NorthStar: VM w/ Debian Bullseye created, Tomcat + Java from much older vsns than in pkg mgr, obviously; e-Merlin motivation #FAIL: one exp scheduled but not ticked, will change to require to type character. LT03+4 => LT08 w/ BerthH, DDD data first, algorithm: restore to standard location, move catalog, new backup s/w will pick it up; old tape very sloooow (0.5 MB/s), will do newest (LT0[34]) first working backwards.

AardK: JaviG working on sending Ys data into EVN monitor, data uploaded but not visible. Git commit plugin: UX problem was PEBKAC, now gives internal server error on submit. SFXC PFB mode: revisiting math; ideal for spectral line, but loses ~% of sensitivity: PFB not +/- infinite (windowed) so not all samples counted 100%, WOLA approach (default) each sample gets counted 100% [discussion: if less channels have to be flagged b/c of narrow RFI contained to one spectral channel i.s.o. leaking into sides, may yet gain SNR].

Mark: ESCAPE WP3 sprint last week on streamlining onboarding process, which seemed to have gone very well; as a result will likely have to redo some of the JIVE onboarding; action on me to write up codemeta values w/ explanation and examples. Had coffee with Fanna (new ASTRON hire) - good idea for (new) JIVE staff (scheduled small-scale introduction to interested colleagues). Had local VO meeting with YanG, MattiaM, MarjoV on progress (EVN ObsTap service registered, will export some of EVN archive e, f parameters to csv for MattiaM). ngEHT DMwg meeting with LindyB, got responses back to wg invitation: more Y than expected! GeorgeM, DesS, me should have tech meeting this week, hopefully scan-based interpolation approved. Start working on VLBI-SKA-era talk.

Paul: fb11 back online within half an hour after receiving spare part. "fb90" being assembled, missing 25 Gbps cards, will request to ship anyway, expected next week. Network testing ongoing, having run test during the weekend); have got permission to ship faulty modules to .CN