

WURM, 03-02-2020 14:00

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

eBob: EVN proposal deadline Feb 1st 2020 revealed issue in NorthStar PDF-reader, used to check proposal page limit, crashed on one PDF. Authors could workaround by open in viewer, save-as PDF and (re)upload. Looks like only one proposal affected. Gina requested a check button be added to NorthStar registration re. GDPR read + accept. The ANTAB editor was demoed to the supp.sci. and they seem already happy. Feedback: request "INDEX line" editing, may need discussion as this may be a conceptual thing not just a technicality. Working on VEX2 data streams in runjob, deeper impact than expected (primary key change to (station, stream) for all queries). Won't be finished this week.

Paul: Would like to conduct formatter test this Thu 10-13UT, definitely before next week's e-VLBI. There will be maintenance on the fiber carrying Ventspils data on the morning (5-7AM or so) of the e-VLBI session. The code.jive.nl machine is backed up daily (we can go to sleep safely again). After discussing gitlab desires, will investigate alternatives as gitlab seems to commercialize a lot. EFTF loc will start having weekly telecons on Thursdays. The ssh problem needs to be looked into, still not sure what cause is.

Des: tested wideband fringe fit on real EHT data. Results are an improvement on doing nothing, less than expected. Will create simulated EHT data for more controlled testing. Found OlgaB to be offered as guinea pig for CASA knowledgeable person but fringe fit novice.

Ilse: JUMPING JIVE reporting season has started, WP2. RadioNet proposal for CASA VLBI workshop @JIVE submitted. Started investigating Jupyter notebook w/ CASA. Raised question: how to save notebook? Discussion: need mechanism to get notebook in+out of container. Ilse and Aard to come up with idea - necessary for ESCAPE. OlgaB asked for CASA demo @EVNSymposium, very enthusiastic.

Aard: frb machine had lot of issues after "apt upgrade" (not boot, boot from rescue disk: grub misinstalled, after reboot network broken (interface names keep changing), some routing issues. Together with Paul will fix config + investigate. Wrote script to take VDIF data + DM estimate to generate vex-, polyco- and control file for SFXC (otherwise Jason+students would have to hand-edit vex files => not useful and errorprone). Start working on poster for ALMA2030 meeting.

Harro: updated Mark6 module mount/unmounting script to let it initialize disk packs too. Supports both xfs and ext4, prepared for dealing w/ zfs. First speed test on Mark6 w/ 2x80TB pack (xfs) finished - max 25Gbps, min ~10Gbps, same speed-versus-fill-level behaviour as in 2015, which is unsurprising.