hZWURM, 27-10-2021 13:00 (Hybrid ZWURM w/ Zoom and on-prem participants)

Present Ilse, BobE, Aard, Des, Harro

Plenary announcement: despite return to the office attending a hybrid/virtual conference (partially) outside of normal office hours be followed from home environment.

Ilse: wrapping up JUMPING JIVE (final review); awaiting feedback from EC and reviewer. CASA-VLBI paper setup, re-acquainting with AIPS/CASA comparision (limited section will be included), next writing team meeting this Fri; Q: when publishing, which Journal and what about Open Access? Fees shared: who pays them? Upgrade notebook: add gaincurve, find error in script to parse GC into into CASA, will contact Mark/Des. ngEHT: white paper writing picking up momentum (requiring time) and next week is ngEHT meeting, as is NOVA ISC in-person in Dwingeloo, this week attending hybrid ADASS conference.

BobE: e-mail from pySCHED user: prob installing+executing pySCHED in Docker container; diagnosed as pyQt X11 dependency on lib that should be installed at system level but not all Linux systems install it; can not add as dependency in pySCHED and older pyQt has even more problems: unclear how to fix this [decision: identified workaround shared with user and compile list of "known issues" in the code repository]. VEX2 file sent to WalterB contains $BITSTREAM section w/ definitions that have either sign or mag but not both (pySCHED bug; fixed); PaulB reported matplotlib deprecation using pySCHED (fixed). The full backup of the archive onto LTO8 finished last week, now entering phase where incremental backups from out.sfxc and archive happen onto LTO8. Spent time working through the TOM Toolkit tutorial.

Aard: BinderHub installed on jupyterhub and included in ESAP; some more nginx reverse proxy routes needed to be configured; Jupyterhub upgraded to latest CASA6.4; logbutton saga ends here & now (reopen notebook, not trusted, CSS not executed => logbutton didn't work): realised could be completely solved in plain HTML — done, should not be a problem anymore; pushing notebook to "public" archive: gitea only accepts auth token if gitea user already exists, which is not true after just logging in to Jupyterhub; probably include script in docker startup that creates gitea user if not exist; need to work on solution for proprietary data in archive through VO protocol: IVOA working on this, possibly, keep in contact with DaveM at the ROE — may need workaround before IVOA comes up with a standard/resolution.

Des: busy period checking in fixes for upcoming CASA release, most tickets made it into the upcoming release branch; reorganization of code tree completed. Asked PaulB to create VM for cronjobs which is now working — available to run requested cronjobs for all; cronjobs now moved from personal desktop to cron VM server. Spent time acquainting self with polarisation (Stokes 1852, Ivan Martí-V. and others), next step: do something with merging polarisations in CASA.