

WURM, 22-08-2022 13:00 WURM (Oort)

Present BobE, Paul, Ilse, Aard, Des, Wybren, Marjolein

Paul: did not get automatic scrub mails during holiday; started scrub manually => many disk failures, out of which one double #FAIL (in one pool); were able to repair w/o data loss. Configured VM to replace head/tail. Got quote from ASTRON for new fb7; from Bossers & Cnossen ("weird"): accountants required quotes from multiple vendors, struck deal with B&C to address this w/o having to do this themselves. Maintenance on cl[01] planned, will migrate some more VMs to cl[23]. Received "repaired" optics back from .CN, still clusters of errors: need investigate. 8TB drive stock low.

Des: Upgraded the Ubuntu O/S on desktop - had to spend many hours (days) + help from Paul+Aard to get it back working and accessible from home again ... u,v-range parameter support merged in CASA, will be in next release. PacoC: could the papers/station result include ADS links? (Yes they can; done). Working on boilerplate for DOIs.

Wybren: attempts to execute scrub every two weeks automatically so far #FAIL. Configuring new NFS server for head/tail replacement, 4-8x faster. SNMP tests: found Zabbix template uses interface index iso name, changed template; consider to push fix upstream if seems to work reliable. Had many broken disks over last two weeks, need to restock.

Aard: ERIS AppImages for CASA, Difmap are Linux only - sol'n for Mac/Windows maybe VirtualBox img (want to try standalone Jupytercasa too). R18, FRB with strong detection but no fringe: found+fixed another issue in mixed bandwidth coherent dedisp code affecting SNR; after fix now have weak detection on one BL; will use known-good FRB to verify that current code does not introduce loss of signal (uses same mixed bw setup) and may need to investigate other (scientific) cause such as scattering close to source.

Ilse: CASA VLBI paper 1st proof, some edits still required, waiting for CASA ref paper. ERIS VLBI part now good plan, several lecture topics and advanced tutorials. NRAO Science Review Panel reorganized, sharing more load so stack of proposals to read through. Received CASA vlbi ticket via helpdesk: user does GMVA data, casa-vlbi tools error, need MarkK to help. Together with Huib wrote EHT piece in EVN Newsletter.

Bob: pySCHED sunwarnings code checked in, want feedback from user/support group. Berth: CAN HAS mail if subjob crashes? 'mkdir' on fb fails, maybe ssh issues? (Marjo: again? this is an old one - dodgy optics?). Read through githubs of Observatory Control System, searching telescope template for robotic; ENOENT: is more protocol to describe obs but must less detailed than e.g. our VEX file, not sure if format translation helps here; scheduler also big part of code (=adaptive scheduler, red.), maybe interesting but may prove to be too big; considering bringing code to trigger LOFAR into TOM backend.