

WURM, 30-05-2022 13:00 JIVE Hooghoudtzaal

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

Plenary: the NW0 reisdeclaratie form was sent and has a deadline for being submitted; this version is slightly different from the one ~two years ago (which was cancelled due to COVID-19) - it takes into account working from home.

Mark: built in option in casa vlbi scripts to choose to ignore GC/TY table in FITS-IDI (i.e. create new one); works ok with astropy.io.fits but problems w/ older pyfits - in which case user advised to not use the option. [Ilse: INAF data added TY manually] Current casa calibration scheme is: if GC exists, use it always. EOPs: finding a method to know direction at specific time. CASA VLBI coord mtng cancelled by GeorgeM. Provided ParselTongue pkg for Ubuntu 22.04

BobE: helped Berth; LT02 tape in LT04 drive = VERY high error rate, possibly LT04 drive kaputt [Paul: have 2x LT03 tape drives lying around, need SCSI interface, i.e. host which can hold PCI(-X) SCSI card]. Last Thu was first NME which used pySCHED created VEX file: report that in data transfer cmd extension ".m5a" is missing; VEX file triggered bug in vex2db; otherwise ok @stations, except at e-Merlin, which uses own parser that doesn't really parse. Continued work on sunwarnings.

Des: DOI infrastructure, now works for epochs and master exp/exp w/ only one epoch: meta data written in db => landingpage(s) can be created and also contain links to all other parts: now need to check this is what we want [Marjolein: raise topic at next vlcoffee]. vex2db bug: sample rate field moved (to after comment), parser not ready for that; have idea how to fix. CASA memo: need to insert GeorgeM's piece, will do that asap.

Ilse: CASA VLBI paper ready, waiting for NRAO for joint submission this week. INAF data: provided feedback plus scripts plus tips to improve difx2fits output. Schoolgirls visiting Tue. u,v-range parameter verification nearly done, need to convince self. Some notebook(s) need updating based on new insights re GC handling. Remark BenitoM after EVN user scheduling meeting: when casa vlbi school? Looking at spring 2023.

Aard: on eee-dev made newest keycloak to work: URLs (to e.g. policy docs) different (\*sigh\*). SRT: pipelined ok w/ new primary beam params; sent mail to GabrieleS explaining what rectangular grid coord sys primary beam script expects (x/y or ra/dec, which has dec dependent scale on rect grid) - which one was provided? (no ans yet). RebeccaL document on PSR timing diffs from sfxc vs own method (6p.): noticed relation w/ baseline length: seems that DM for one dish at geo center used for all Doppler corrections, which isn't quite right.

Paul: fb18 status = Debian 11, almost in prod., running new jive5ab

release candidate [Marjolein: w/ lot of features, mostly tested individually but be alert for misbehavings]; vbs\_fs required but no pkg yet; 12/15 possible pools avail; 100G quad optic in Mellanox switch already has bad lane (again el-cheapo FiberStore optic module), FS notified but getting weird answers (FS's interpretation of "warranty" seems to go towards "you buy a new one"), [Mark: pls duplicate data from one pool onto fb18, then try correlation as acceptance test]. Indeed received mail from FranzK on fb for WSRT, replied w/ many questions - e.g. is it for EVN storage pool, what is intended location, what do you expect from JIVE (advice, quote, otherwise?). Found two LT03 tape drives (see report BobE earlier), may consider mounting in Mark5.