

ZWURM, 28-02-2022 13:00 ZWURM (COVID-19 wk105)

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

Plenary point: the pending mail migration the coming weekend to Office365/Outlook/Exchange; no one has officially mentioned IMAP or SMTP support to me (MarjoV). It looks unavoidable. PaulB: can tell them to not touch the jive.eu MX record; once migrated into Office365 pretty very difficult to migrate out. [Update: later in the week ICT started publishing IMAP+SMTP coordinates on the mail migration webpage and via a different route ASTRON MT let PacoC know that this will be working].

Mark: spent a lot of time in meetings last week. Created a CASA issue on import of PCAL data. Kickoff ngEHT DM wg, had many people present but few had provided feedback. EU-VGOS correlator meeting was on ionospheric calibration: discussion on non-dispersive terms; HOPS does not so good, method of DesS in CASA better (using IvanMV's formula). Provided a fix for the sfxc-gui MPC glitch, need to test. Still need to process fallout from local VO meeting between ASTRON/JIVE (providing data to MattiaM in .csv format for one).

Paul: sfxc-k nodes on copper, ready for EVN fringe tests. FiberStore/QSFP+ status: mentioned we have to shut down machines because of lack of networking equipment, can't you send advance replacements? (No answer yet). No RMA number either. Ir e-VLBI link problem (~70% packet loss) fixed - tested 1 hr @ 2 Gbps, 0 packets lost. Local pkt loss between fb16-fb17 under investigation. Working on archive migration plan, is on Redmine Wiki (under "Services").

Aard: Zolochiv data: tried lots of things (offsets, integration time, channels, bandwidth) - no fringe; also not after fixing conversion script to deliver correct number of samples (delivered code provided samples commensurate to 8 MHz bands); bandpass looks super, almost T00 correct, sampler statistics more like 1 bit. JohnS (ASTRON) planning ESCAPE ESAP busy week for Apr-Jun time frame. FranzK broke coherent dedispersion (4 Gbps data): delay between highest and lowest freq channel larger than buffer size = stall/crash; Python app to prepare is too slow, multiprocessing and too much data = not good in Python (breaks) [MarjoleinV: maybe time for a Dask approach?]. EULA for Jupyterhub can be done, but only by completely copying the theme and modifying appropriate file in place.

BobE: Asked ICT to install Zoom on desktop @JIVE: O/S toooooo old, will get new O/S next week. ZsoltP/BobC: e-Merlin TAC contacted, text finalized, can be put onto production system. MySQL on new NorthStar VM works, next step is to get https cert. Discussion with ZsoltP/MarjoleinV: ORP-PILOT EVN/radio strategy into BlackholeTOM? Show users telescope availability - e.g. combine planobs w/ availability database. BenitoM request: make .key files simpler by providing more defaults for physical details such as recording format? (e.g. does user need to know/care about VDIFF or Mark5B for scheduling?). Next-gen Proposal Tool meeting: database model

presented (looks pretty good), lots of pushback from (optical) telescopes: looking for tools, not interoperability. Thinking on Robledo/JPL data transfer model: push or pull?

DesS: KPIs revived, looking at comparison w/ manual project hours = not very insightful; per station per year better. DOI discussion: question still open is: exactly what do we want and/or need?

MichaelJ report: old VLBI integration branch better; new one less detections; when using "main" (has no different mods) = also less detections: traced to table flagging more data `_before_ fringe fit`, looking into cause of that.

MarjoleinV: Addressing `tConvert` requests: run from `lisfile` (read input MS and output FITS file from there), can has > 2 GB file chunks? BenitoM submitted some `jplotter` Py3 fixups, merged, fixed some bits that BenitoM was unsure what the author actually intended, ready to make the Py2/Py3 compat branch the new master; added "phase vs `u,v-distance`" plot type.