

WURM, 24-02-2025 13:00 CET WURMng Strategy Marjolein's office

Present: Paul, Wybren, Bob, Aard, Mark, Des, Marjolein

#824 upgrade EEE

PB: working down supp.sci list, new item came up: which venv to use (venv, conda, ...)

[MV: could we add that to the ticket? It may impact operations]

[BE: archive script couldn't communicate with the proposal db]

Fixed now, but please do not put any information on the machine: want to do another full install (b/c of UEFI) to be sure the procedure is understood and repeatable.

#1074 cost/benefit analysis for a tape library

PB: ongoing, now costing nodes

#1077 updates/no old stuff

WB: out.sfxc switched off, moving it to Deb12, after that "home"

#1080 New normalisation scheme

#1081 Alt weighting scheme

To be discussed in tomorrow's VLOPS

#1091 EOPs in IDI files

==> AK to close ticket

#1102 Centralised authorisation

[BE: zero priority at the moment.]

#1118 archive script development/DOI rollout

#1214 DOI protocol doc: done

==> DS to close subticket

#1119 support DOI generation: [BE: expected soon]

#1204 database situation

Technically "done", except subticket

#1224 db0 migration: [WB: ongoing. Sometimes run into issues, maybe capture query/ies and replay.]

#1212 update HOPS document

==> DS to put onto Zenodo w/ MK help - ongoing

#1213 interferometry outreach enhancement

[DS: no plan received from IK; nothing has been enhanced]

#1226 Move test cluster to sfxc-[ij] nodes

[WB: -[ij] nodes all have HDDs, MK/AK can move data]

[MK: nodes have slightly different CPUs => numerical output subtly different => tests #FAIL => make float comparison more reasonable]

#1232 Set up machine to run LLMs

Needs a web-UI, agree to move ticket to category "Services"

#1233 zfs tuning/speed

[WB: ok to use new flexbuff for such test(s)? can try HDD standby again on newer system(s) too] [Yes, that's a good plan]

#1236 batch-processing of correlator jobs

#1253 install+config SLURM environment

==> BE to add subticket for integrating SLURM w/ runjob

#1254 Acknowledgment of EC funding on web pages/services

BE, MK: done evn-vo and archive

==> AK to do evn-vo, evn-monitor

AOB:

[BE: T6 pkt loss at last week's eVLBI, looked up change of net_protocol: changed in 2022, needed for 4 Gbps e-VLBI]

==> AK to create strategy ticket so this knowledge doesn't get lost

[MK: some activity regarding 4- and 8-bit VDIF encoding, related to e-Merlin 4-bit data from new h/w]

==> AK to *do* things

==> MK to send mail to e-Merlin

[MK: heads-up about VLOPS topic tomorrow, FITS files generated by CASA have FK5 ref frame, causing confusion+shift if ICRS pos'ns overlaid b/c "J2000.0" isn't a proper designator, only informally to be taken to mean "ICRS"; will ask input from BC]

[WB: BM noticed ftp fringe test transfer (very) slow for T6 (~1 Mbps), but seems first station to transfer is always very slow. HartRAO e-shipping at 40-50 Mbps again (was gone, back now)]

[MV: on the topic of e-shipping: Tasmania to USNO e-shipping w/ UDT also problematic, JIVE called in to help, will share findings with that team, thx!]