ZWURM, 10-05-2021 13:00 (ZWURM through Zoom because of #COVID19 house quarantaine/wk62)

Present eBob, Ilse, Mark, Paul, Aard, Des, Harro

Ilse: Spent time on EHT proposal from Huib (ENW-XL), JUMPING JIVE final report, and played with the Jupyterhub. Had discussion with MarkK and OlgaB about spectral line support in CASA, progressing. Deregistered for EHT Polarization workshop (ENOTIME). Will be continuing work on all those topics; NAC starts this week and have ~one day NAEIC confidentiality counselor training.

Aard: Building system based on gitea on eee-dev; need basic notebook per experiment and have code to generate that (fill in file names &cet). Mail from BobC: "GBT did something but they don't know what": no fringes; built LO-sweep code into sfxc, specifiy beg/end/step LO and at each integration apply different LO offset: worked (but still no GBT fringes); produced script for BenitoM to scan .cor file for SNR > specifyable threshold.

eBob: During e-VLBI problem with Tr network, fallout: operator trying to ping (long dead) Mark5B control IP b/c it's the first visible "control" IP; controlEvlbi UI changes: columns renamed, moved and removed ("default IP", "data IP") to avoid confusion. NorthStar change requests: one done, two more to go, will be addressing them this week.

Des: Managed to find/fix some of MinghuiX's problems but not all; traced CASA flagging NaN ticket origin succesfully and since this morning fix is validated. Working on db query for Ilse (based on ArpadS usage queries). Once done will pick up javascript again; might need to experiment with MS Visual Studio editor (it's the tool to use according kids these days).

Mark: Progress on making CASA tickets mergeable. Attempted to register JIVE as VO Naming Authority but #FAIL ("Server error; see log for details" ...) — will follow up; tweaking VO service, such as modify archive parsing script to allow skipping projects already in VO or "only recompute metadata" w/o going through whole FITS file. Preparing for IVOA Interop next week, have joint WP3+WP4 kickoff meeting this week, bit unsure what it'll be about. BenitoM: new PolConvert! CAN HAS? Old gcc on eee that does not have c++11 by default; forked PolConvert on jive-vlbi github to be able to create PR for fix to specifically request `-std=c++11`.

Interlude: discussion about O/S and or patch maintenance on VO server (and applies to Jubhub as well): do we have policy? No we don't but probably we should. PaulB: maybe start having "Patch Tue" and use rolling schedule/divisiion of responsibilities to handle this. HarroV: hope to be able to hire Wybren2.0 at some point, sounds like perfect job.

Paul: Backup server was full; added 3 TB < two weeks ago!? fb2 pools mounted on different (temp) mountpoint, not excluded by backup

config: brrrrrp onto backup server; fixed by deleting last two snapshots, now back at ~50% capacity. During e-VLBI load on ccs very high: planobs.jive.eu swapping like crazy (forcibly shut down after contact w/ BenitoM); post-mortem by BenitoM so far: user input of invalid time deemed invalid by only part of code, make other part go haywire. Onsala's getting new switch hardware this/next week, want to establish packet loss baseline measurement today to check improvement. Will communicate EVN monitor admin password securely to AlexanderN. Working on three proposals for next EVN deadline.

Tr e-VLBI strange: fb traffic from Poland to JIVE = fine, FiLa10G got rerouted somewhere along the line, was fixed late a night, during long gap but stations still tracking so could clock search and include Tr in science (phew); fallout: had difficult issue with Ir with previous e-VLBI as well, turns out very difficult to debug FiLa10G network issues (e.g. doesn't respond to `ping`): why not put jive5ab on FlexBuff between FiLa10G and JIVE? (So this is back to the 'harrobox' concept ...). Will propose to some station(s) to test; note: e-Merlin already operates this way Just Fine (tm) [issues at e-Merlin are rarely because of the jive5ab@e-Merlin to SFXC link].