ZWURM, 01-11-2022 13:00 ZWURM (JIVE Zoomroom#1)

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

Plenary announcements/discussion:
- Marjolein thanks Des, Aard and Mark for their presentations at the ESCAPE event in Brussels: very good visibility(*) for JIVE
- for short/midterm time planning: fiducial starting day for the RADIOBLOCKS project is Mar 2023
- INFRASERV proposal ("ACME"): likely very little to do for our group, may offer sfxc expertise as a service
- Filling in webforms for leave, WfH &cet: keep on doing the good work - around us observe several groups struggling to have an idea who is where so let's keep setting a good example of how to make the most of existing tools, given that there is nothing better on the horizon (that Marjo is aware of)

Mark: ESCAPE meeting in Brussels and WP3 meeting end of Nov take effort; attended IVOA interop. Helped Wybren to set up new home NFS home server. In case of defects or missing file(s): see Wybren and/or me. The case of faulty archived GC tables (end up as GN): strategy is to modify two bytes in archived FITS headers to fix, script exists. After verification can execute on full archive. EOPs: progress; astropy not needed anymore, in stead depend on library that astropy uses.

Wybren: new NFS home server; "tail" is now replaced by "home"; Mark/Aard helped fixing issues relating to running sfxc; currently verifying backup. Question: when to switch off tail? [Paul: start by unplugging network, no #FAIL? then remove]. Moving to Debian, proto on fb18: umask problem: different uses varying with O/S, affecting unix socket permissions between jive5ab/sfxc when recording e-VLBI (socket not group-readable); could fix in application or script around application, under investigation.

Bob: TOM backend: working on availability; station can indicate band + when available, draft version, system can schedule when station(s) #AVAIL; trying to make availability overview visible in TOM. Paul resurrected ccsbeta, collection knowledge on packages; Py2 => Py3 migration ongoing.

Aard: ESCAPE meeting in Brussels, repeat mostly in WP5 training event. On SURFconext: next login = different environment? Jupyterhub service uses eduPersonID (suggested by SURFconext) b/c marked "permanent" but turned out to be "transient" in practice. SURFconext realised that was an error and attribute now made permanent => same environment if logging in w/ same credentials. At ngSVLBI workshop: spent lot of time with OlegU on Zolochiv data + conversion to VDIF: finally convinced that not working, feel VDIF not completely understood yet. Some jupyterhub usability fixes moved into production; can now boot jupyterhub environment from vagrant file - turn vanilla machine into Jupyterhub! FRBs: got 150 (!) triggers: automation of burst processing necessary, will work on script.

Paul: New ansible role (Debian+Py3) for resurrected ccsbeta. SSL advisory tomorrow, expect some reboots [Mark: only openssl3 affected, many of our machines older ie likely unaffected]. Very small power dip during ToO caused equipment shutdown/reboot, only at JIVE basement [Wybren: good thing: nothing damaged], should discuss w/ Martin to make system less sensitive to fluctuations — desktops didn't even notice. Temp alerts (>50 degC) from Mellanox switches: ticket @ NVIDIA: "tried turning off/on?", yes, didn't work, follow up: get documentation saying chip alert temp 105 degC. Why this isn't in Mellanox template, who knows, but changed in JIVE Zabbix so alerts gone away. Last observation on Ross871 (EB091C), slides of ngSVLBI need fixup before uploading to site. B&C (ASTRON default h/w supplier nowadays) discussion: microblades (JohnMcK) and status of new Wb fb (fb7b)? Latter "sent" according to B&C but not at JIVE; likely machine suffers from supply chain issues. When receiving calendar invite from Outlook, Thunderbird mail client locks up/ tbsync issues. Gitea drama: want to sell commercial support, break between advisory board/open source fork, is messy. During e-VLBI: packet loss fb10, traced to dodgy FS SFP+ module; still have ~17 unreplaced older ones, not enough repaired ones — need to spend money on good ones (not opting for repair of those!)

Des: ESCAPE meeting in Brussels. Working on session feedback via Mattermost; the ampcal database isn't quite a disaster but maybe it is; certainly more convoluted than expected (or necessary ...). BobC text-file to yaml conversion does not contain month but "session within year" whilst database insists on "month" _sigh_

Ilse: Leiden issues + other NAEIC related issues, Gender Equality Plan (first draft is out): lot of time past week(s), NOVA ISC: can't say much about it, but requires time to wrap up. Simulations: contact JackR to reboot/start SKA interest. During ngSVLBI: discussion with FreekR on modelling use (related/working with Iniyan). Organisation of CASA VLBI workshop next year: first full week in June, rooms booked and teachers very interested. NoorMasdianaMS: space vlbi in CASA: didn't work so well — improved, but transfer from calibrator to s/c not ok: transfer of freq rest frame calib observation != freq rest frame s/c, not guaranteed correct. LIG data: on hold due to holidays+travels. ADASS this week, have talk together w/ BjornE on CASA.

(∗) see what I did there