WURM, 10-02-2025 13:00 CET WURMng Marjolein's office

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

Plenary: e-VLBI tomorrow, so be aware of possible support requests.

Wybren: w/ BobE working on new proposal machine, only backups do not work yet for unknown reason, looking into that. EEE had no backups for a while: Zabbix did not parse its own date format; now fixed — get warning if > two days no backup. Making inventory of out.sfxc (after e-VLBI) [MarkK: important to safeguard /data directory]. db migration ongoing.

Paul: interesting incident with ASTRON's DNS servers — the whole jive.eu domain got nuked from the internets; other domains served by the same servers (evlbi.org for example) survived unscathed: MikeS fixed, turns out it had happened with another domain earlier, in much the same way, but labelled "wontfix" b/c move to other DNS server software already in progress. Burp client on EEE hung, but initially missed b/c backup system so many warnings/errors — could do with improvement; e.g. monitoring in Zabbix (although that could be double work), category of zombie machines: not expected to backup, but also not removed from archive of backups, suddenly start backing up again (e.g. ccsbeta) [Consensus: old ccsbeta install now operational and backed up as ccs for several years already, delete old ccsbeta backup]. The h/w donation to charity still not picked up, unlikely will happen. Working on EEE2 install; unix+base pkgs installed, aips+difmap (...) ongoing.

Des: new PapersDB system went live, will check w/ users tomorrow, if OK can start thinking of busy afternoon of filling and classifying. ngCASA edit refactored, ready to check in; looking for way to make "processing set" persistent, similar to CORRECTED_DATA column [AOB]. Old CASA tests on branch, and d/l now works like a charm; thx @PaulB for fixing! BenitoM used AI-generated CSS to make feedback page look better.

Mark: ampcal script finished, added header + stats, handed over to supp.sci., might find issues. ACME ack of funding to VO service mostly done, still need EU flag (unicode char won't pass through VO plain text field). importfitsidi: thought PR was submitted but wasn't, now it is. Wrote RADIOBLOCKS D4.4 section. Still no access to NRAO Gsuite.

Bob: w/ WybrenB tested proposal over https, and cloned database, next stop is checking with MikeS/BobC/ZsoltP; plan = shutdown, sync db/repo, bring up new. pySCHED build on conda #ISSUE: now in miniforge, built out of the box. Probs w/ data from Oz — vague error from correlator, one of the two datastreams missing for one scan: e-transfer was restarted, adding a "b" to the scan name; seen a few times more, Oz pushes data to us and sometimes required to restart, MartinL filters and keeps largest of the transferred scans, although not .TRUE. anymore since ~2021, Oz doing vbs2vbs since so problem possibly already exists their end. BobC problem: edited master.proj

list and after (re)syncing some edits missed, looking into procedure since it seems awkward at points; also BobC gzip'ing log files to save space (disk nearly full) – better sol'n to grow file system @1.5/2 GB/year [PaulB fixed during meeting]. This Wed Codeium workshop reprise.

Aard: last-minute presentation of our ESCAPE work at AstroORDAS, finding all exps duplicated in JupLab, need debugging. Integrating TensorCore Correlator in sfxc-gpu => CMake dependency hell. For RADIOBLOCKS D4.4 JohnR wants raw data to be able to generate consistent plots, used ParselTongue to generate. SFXC paper minor revision: want to wrap up this week.

Marjolein: spent time on making sure EEE-tooling still works on e.g. Deb12 w/ modern casacore: j2ms2/tConvert, jplotter [w/ python pgplot dependency now using pyproject.toml, (new) numpy C-API], and toolchain verify and regression tooling (more Py3 and numpy changes).

AOB:
[(Wybren+Paul)B: idea to have off-site VPS? Main use: monitoring, but could also have tertionary DNS]