WURM, 17-02-2025 13:00 CET WURMng Marjolein's office

Present: Paul, Wybren, Mark, Des, Marjolein

Plenary: some announcements were made that don't need minuting.

Mark: attempted to move test cluster to sfxc-i node; has CPU w/ AVX => ipp lib chooses different insn's, resulting in subtly different numerical output => regression testing test code needs to be slightly more tolerant/implementing a better floating point comparison method (in progress), also working on integrating w/ RADIOBLOCKS CI/CD infrastructure. Created CASA ticket for beam wave guide handling but some breaking changes happen at CASA/casacore level. Attended IVOA High-Energy Interest Group meeting, interested in HE-ObsCore extension not unlike radio, likely ObsCore radio extension delayed, but might be elevated to recommendation already sooner.

Des: PapersDB database changes went live, w/ BenitoM: classified some papers, will re-search and re-submit to db to see what happens. At VIPER meeting discussed proposal for persistifying computed data as none seemed to be available (e.g. how to store a "CORRECTED_DATA" equivalent) in processing set/MSv4, ongoing. Have test for fringefit in CASA, talk to Mark about it after the meeting.

Paul: tickets in supp.sci section of Redmine are now editable by our group as well. Report from Mark: code.jive.eu returning HTTP/500; found that db0 had blacklisted code.jive.eu on account of too many failed connections, root cause of those broken connections still under investigation, possibly requiring db0 reboot. Over the weekend: db0 backup failed: new federated database (proposal view) culprit b/c backup user does not have access to that view, which breaks the whole backup. UEFI fakeroot done (EEE2), might do another install to make sure everything works. Updated worldmap to reflect current EVN stations (e.g. incl. four KVNs). From ICT: 100 Gbps optics for DAS6 <=> flexbuff link received.

Wybren: upgrade of out.sfxc: installed package list created, need to check w/ Mark. Started on SLURM quick guide - 1 1/2 hour later still working on "quick guide"; interesting feature: API available, but can go very wild w/ high-availability version, PAM tricks, ...; set up one machine w/ controller and a compute node for testing. With BobE migrating proposal.jive.eu to own VM, .nl entry was overlooked (will be fixed), found some other minor issues. Added monitoring to gitea/code.jive.eu for HTTP/500, saw glitch on Sat morning but fixed itself in < 1 minute.

AOB:
[Mark: problem seem during e-VLBI: T6 pkt loss ~10% highly regular, jive5ab not filling in missing pkts together w/ sfxc efficiency measure to do only "spot checks" of valid data = break sfxc]
[Marjolein: should be easy to fix, make jive5ab fill in missing packet numbers again, choose different protocol]