

WURM, 29-08-2022 13:00 WURM (Marjo's room)

Present BobE, Paul, Aard, Des, Marjolein

Des: had to spend more time on getting remote access to desktop@JIVE to work; surprisingly, now back at the old situation which didn't work after the upgrade (\*sigh\* Ubuntu). Worked on a Mattermost bot (together with Paul - for admin rights); now have Py script that talks to Mattermost using a websocket. Started work on EHT imaging, cheated a bit: got UVF data from archive (should be raw data from the correlator). Received books on CSS; have several candidate webpages to soup up. NRAO VLBI coord mtng: UrvashiR talked on future of CASA, about what will be done in prod env, not in test/dev project; it'll be a modular design which supports both MS and Dask-based format.

Bob: Integrated LOFAR trigger code into BHTom EVN backend; that code generated a VEX file for a target. Now one of the data products generated after submitting an EVN observation is a VEX file! Started work on converting ccs Py code to Py3.

Paul: Helped Des to deploy Mattermost bot. Plan to upgrade Mellanox leaf switch firmware tonight (btrfs=>ext[34]; i.e. require full build-up from scratch since needs reformat). Head/tail replacement progressing, will move home directories at some point. HDD situation: no pools at danger anymore; Wybren scripting monitoring of individual disks. During maintenance: would like migrate next set of VMs from cl[01] to cl[23], towards phasing out. Zabbix upgraded to v6.2 for specific "error suppression support" only doesn't seem to work; Wyb's "use SNMP IF name" fix of template tested: improves situation but not complete solution. Found user committee meeting invite in mail: any issues to report?

Aard: Ilse reports "plotms broken"; investigation reveals protobuf pkg (courtesy of Google) [dependency of dependency] dragged in got major version upgrade which breaks everything; "fix": after d/l CASA install old vsn; all CASA now upgraded to 6.5.1. Jupyterhub in production SURFconext environment! Alas: Keycloak uses an attribute assigned by IdP to identify actual user and it's ephemeral i.e. each time same user logs in get different attribute value i.e. get new environment; pure Keycloak sol'n does not exist; shadow Keycloak vsn avail that does (this is not a good sol'n), best way seems use proxy: proxy gets attributes from IdP, maps to unique+constant ID per user, Keycloak communicates w/ proxy; also good prep for future eduGAIN federation: Keycloak handles that very inefficiently, advice is to handle in proxy. PRECISE: new trigger on strong FRB but lots of data lost after observation so doubtful if can be processed; would like confirmation of coherent dedispersion code; specifically: never tested at the DMs (>1000) for these two FRBs: could be cause of non-detection (although proper analysis currently missing). ZsoltP would like detailed instructions for using the ERIS difmap AppImage/Docker image, will be test user.