ZWURM, 30-10-2023 13:00 WURM Library

Present Bob, Aard, Ilse, Wybren, Marjolein

Plenary part: there will be a MT meeting this week, if there's anything you want me to bring up let me know.

Wybren: have sFlow analyzer VM installed, giving interesting information (more so during e-VLBI probably); have free license b/c of not-for-profit organisation. Spent time on WWPAD (the Map-on-the-wall): the R.Pi's SD card was kaputt and a newer R.Pi (donated by ICT, thx!) draws more power so old power supply probably bust; but now have latest O/S and latest S/W and libs, requiring code changes; also noticed that some of the LEDs (the most used) blue color is waning/getting worse: decided to s/Blue/Green/ and change intensity. "ntop_ng" user interface not nice, could try elastic flow, but that isn't working yet. Busy updating SFXC nodes to Deb12, would like to do whole crate in one go. Pen-test results in; nothing that we weren't expecting, Mattermost quite leaky as well as FS VM [Marjolein: can shut it down]. Will need to address IPMI. Working on two switches to install Sonic.

Bob: spent time on WWPAD; other than new libs/api's, new R.Pi driver needs to drive the LEDs at other freq. ccsbeta Py3 upgrade: qry creating temp table: from one machine ok from other not, although same user and grant permissions on dB server as far as can tell; will work w/ Des to fix. BobC: repository in proposal tool have http URIs, want to change to https; have nginx already running as well as new machine, after moving certificate should be ready for switchover; need to decide on switch day after cleaning up Apache config. ORP-PILOT monthly meeting last week: LCO news, interest in OAuth2 flows in base TOM code and ingress of radio data into BHTOM.

Ilse: Gaia workshop Malta very useful: interest in radio and several science possibilities but biggest issue is lack of knowledge of radio; invitation to ERIS (or the like) is too high threshold; own proposal: decided to forget it, there are other/better possibilities; radio data in BHTOM: suggested VO tools, RachelS sais: VO support in TOM planned; also spatial resolution issue: many users confuse VLA and VLBI fluxes and what it means if they are different. RADIOBLOCKS planning mtng in Nov: have MariaR and RichardD on board in part of task, looking at two days after PC meeting; tried to install+run simulation s/w but turns out to be quite difficult. Workclimate survey planned for wk 3-6 2024; NOVA ISC next week. Wrt ngCASA meeting last week: no remote connection possibility (but also wouldn't have had time).

Aard: RADIOBLOCKS WP4 tech meeting: two days in Dw'loo; fruitful meeting about the project and partner plans and from timelines looks most partners want to do The Work (tm) in first two year; h/w: two (2!) Grace Hopper superchip systems coming (possibly right around *now*), will be installed in DAS-6 cluster until infrastructure in Dw'loo arranged; asked route from JIVE fb's into new cluster; JohnR + MarkK will go over filter delay compensation module; currently has

no support for real data (PFB w/ cplx only at the moment) but want support for real data. Space sci. group has serious knowledge gap, spent time helping with fixing non-detections. New PSR exps request: P ~ minutes, Q: from BobC "supported?", A: yes (although truth is different: after test found bin weights wrong for long period pulsar binning), found fix in 2018 commit but somehow became unfixed and hopefully now ununfixed. Ongoing tests of RADIOBLOCK.