

WURM, 05-09-2022 13:00 WURM (Muller room)

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

Plenary announcements: JIVE invited to be participant in INFRA-SERV proposal on multi-messenger astronomy (guaranteed funding), unlikely there will be significant development (that is done in INFRA-TECH CfPs and sometimes a bit in INFRA-DEV). Policy wrt subsidizing IT equipment at home: equipment for home office (monitor, keyboard) is on loan from JIVE; consequences: new equipment can be ordered through Marjolein/ICT, if already spent money and want to claim: also possible through Marjolein, but equipment becomes property of JIVE, after x years of depreciation can be bought to become own property.

Des: worked on decorating PapersDB website with CSS and getting EHT imaging set up; both works in progress. PapersDB: publications can change, ADS can handle this automatically (e.g. from arXiv => RAS) and so should we (done).

Bob: ANTAB editor on new archive machine: probs with newer MySQL; whilst working on it, asked BenitoM for bugs, fixes, features (see code.jive.eu/eldering/antab for commits around 31 Aug 2022). Noticed that BenitoM had created an issue in gitea but that did not trigger a notice being sent: is gitea personal config item! Continuing Py2=>Py3 conversion.

Wybren: started to create Python script; found out not proficient in Python. New NFS server: Guifre has lot of data on HOME? [Mark/Marjo: ask people what to do with data/remove it. Note to self: clean up \$HOME on flexbuffs ...] Will start collecting a "reboot overview" on Redmine/wiki: who to inform/consult if a machine needs to go down. New NFS on test cluster need to verify automated sfxc tests. ZFS scrub cronjob still not working ... (ongoing)

Ilse: RadioAstron data in CASA, using EVN continuum notebook: 1st order seems ok, not entirely sure about details, will investigate. ERIS prep: user manual up-to-date w/ DARA tutorial, SumaM to test; created notebook + script for adv. VLBI tutorial. 1st draft of budget for VLBI/CASA school ~Jun 2023. NRAO Science Review panel: need to redo own evaluation b/c of relative grading to erroneously selected proposal. GMVA ticket @CASA closed - not sure who/why [MarkK: could have been me accidentally did that]; it was not a real bug but more practical use anyway, check if need to reopen by user. GEP: ongoing.

Aard: sfxc on new VM did not run: ran out of memory - MPI compiled w/o zlib (no warning). FRB R18: BenitoM attempted Ue Li Pen approach - got pos at edge of Ef beam, recorrelated at that position, still no detection. SATOSA still not working: sparse doc and dockerhub now uses "\_" iso "/" in image names; in progress. Prepared difmap VM + how-to to ZsoltP; VM with CASA for ERIS: don't expect problems.

Mark: ChrisP reports problems with ParselTongue on MacOS, KaziR similar; since upgrading own laptop tried sol'n: works for KaziR but still not for ChrisP; brew formula is link on JIVE webpage. On new webserver: separate account to publish content: have access to ParselTongue dir, maybe more. sfxc tests on new VM ongoing. Wrote article on EVN V0 for EVN Newsletter. CASA VLBI mtng: tech review, ngVLBA driven, not just ALMA. VLBA changing samplers to support > 2 bit/sample, requiring other van Vleck corr; proposal to handle completely within DiFX, add keyword in FITS to help AIPS prevent doing it again/wrong – supported from 21DEC22 on; CASA support underway (but finding issues).

Paul: migrating cl[01] VMs to cl[23]: services, ccs, ldap, ns; still to do: mattermost, db0; need special downtime for both. VMs still on 14.04: map on the wall, which is still in Py2: please upgrade; db0, db-test also: need strategy to upgrade to newest MariaDB. Leaf-node switches upgraded; surprises: SSD errors, need open ticket with "Mellanox" (aka NVIDIA this week); need repeat on spine switches. ns1 migrated from 14.04 to Debian11. Since 30 Aug backup of new archive hanging in status "running". Reports from downstairs of sfxc crashing on "mkdir" on flexbuff [MarjoleinV: heard this before, back then attributed to dodgy optics iirc]. Unpleasantly surprised over the weekend: MFA is suddenly on for 0365 mail?!