

WURM, 02-12-2024 13:00 CET WURMng Strategy Marjolein's office

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

Plenary announcements: Marjolein briefly describes ESA's GENESIS "colocation in space" satellite mission and that JIVE may get involved in some of the data processing of that mission; currently mostly the space- and operations depts in JIVE; for us nothing concrete yet, but don't be surprised if the name GENESIS comes up at some point.

Mark has to leave early b/c of EHT meeting, so tickets requiring his input are handled first.

#1266 test cluster to sfxc-[ijkl] so we can switch off [efgh]?
MarkK: well, allegedly these are needed for 4 Gbps e-VLBI, so cannot probably dedicate to (full-time) test cluster. The test cluster also needs local storage. [PaulB/WybrenB: that can easily be arranged]
Conclusion: "yes, but", i.e. may require a bit more thinking.

#1074 tape library benefits

MarkK: take cornerturning compute load per CPU into consideration – single "head" node very likely not enough.

Two tickets need to be created:

- batch correlation
- containerised correlator

#1233 zfs tuning/speed

Will be done on Mark6 unit, need to talk to MartinL about disk packs.

#1232 LLM on frb machine

WybrenB: loaned three new(er) GPUs for frb than are currently installed from JasonH. Not installed yet.

#1213 interferometry outreach enhancement

DesS: got 3D-camera from WybrenB, haven't had time to experiment. Want to see if ML method can do better than current algorithm. IoannaK asked me if I was OK with "arranging something with a Groningen school" – fine by me but not up to me.

#1212 update HOPS document

DesS: almost sure knowing what happens, will update document.

#1204 database situation

Still valuable to have an overview of which databases in use and what the applications require.

PaulB: MySQL community edition remains open source b/c of GPL.

Subticket: migration db0 => db1, seems there are > 1 tickets about this, find oldest and keep that one.

Some progress made here towards compiling list.

#1118 archive script development

DesS: DOI protocol document final revision done, will put on Redmine
[suggestion: put in shared VL0PS/Tech0ps space]

Also, landing.jive.eu is now evn-doi.jive.eu, pages were broken,
will be made unbroken.

#679 archive upgrade & access

Has multiple subtickets, mixing concerns:

- hardware/software upgrades
- modernisation (#684) should become top-level project
- modernisation (#685) port to Python, make subticket of #684
- multiple database servers (#685), might be related to #1204

#1102 Centralised authorisation

Waiting for Keycloak instance

#1091 EOPs in IDI files

#1081 Alt weighting scheme

DesS: new scheme provides more solutions but need to verify if
systematic w/ better SNRs or effectively just lowering the
threshold. No one has a good example so far.

#1080 New normalisation scheme

=> All three to be discussed at VL0PS

#1078 monitoring

WybrenB: Continuously ongoing and improving, can move to "Services"
issue section, not a project anymore.

#1077 updates/no old stuff

{Wybren,Paul}B: out.sfxc, home cannot be upgraded until scripts are
updated.

#824 upgrade EEE

PaulB: test period done, will start reinstalling soon, need decision
which RAID system (e.g. draid on transtor = successe