

WURM, 06-03-2023 13:00 Hybrid WURM (Library meeting room, JIVE ZoomRoom#1)

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

Plenary announcements/discussion:

- INFRASERV proposal deadline this week! May be hectic now, should be better starting next week

Paul: fb7 HDD fails: if mounted in fb18 also reset itself, maybe heavy I/O causes this? big question: how to move forward with e.g. vendor? Zabbix meeting registration: still no answer [update: some time after HWURM found ACK in Junk folder]. Ordered DDS cleaning tape, used new ICT form but is in limbo? [update: after meeting Marjolein found request in the *other* new tool, was notified by mail but lost in multitude of other request notifications - every single request causes an email to be sent]. Set up sandbox VM for Aard & Des, including certificate. Software on home.sfxc.nl - issue updated by Mark, BenitoM responded: all fixed.

Aard: Shivani-script "only one line edit needed" ofcourse not .TRUE.; found that .ssh/auth file permission allowed by sshd is a function of O/S version, but no proper error reported. JackR own obs for measuring primary beams: requested unnormalised data, after mail exchanges still not know how to handle: will recorrelate w/ normalisation [@Des: need to get the unnormalised data before it's wiped]. Sandbox VM: docker for Keycloak, tried podman (cool kids use it) but seems overkill; using new Keycloak iso legacy (as e.g. on JupHub) => dropped support for particular handy feature to auto-load user info from file, added it back in manually by some scripting; getting admin console to work took a really long time [Paul: would it be good to document all this?] already doing that, maybe put on code.jive.eu [all: nah put it on Redmine Wiki].

Bob: cvs2git almost done, skipped migrating/fixing modules that are unused afaik [Mark: archive them on code.jive.eu; there's a space for that in /code/cvs and /code/svn]; slicing & dicing active bits: found perl code using module under JCCS, repo has both website and tools and more so need to disentangle. New numpy f2c issue: saw bug report that fixes half our problems, arrays of strings still problem (still 2D-array of chars). Q: easiest way to revive fb7 data when the disk issue is resolved - we now have two copies, from which one do we re-seed the new fb7? [Paul: trantor2 is fb7 now, please keep using it for the time being] OK will try to avoid writing new data on it unless space becomes really necessary.

Mark: PolConvert nBands x nIFs issue diagnosed as variable naming issue so not real sizing issue. Multi-MS fix that broke per-scan interpolation: provided alternative fix, got pkgs to build, shared w/ MichaelJ and Ilse for test'n (2/3 MichaelJ, 1/3 JustinL as suggested by GeorgeM); old VLBA data saturation issue handling pushed into casacore, found that GervD replaced casa::counted_pointer w/ std::shared_ptr; more of this coming so may

have effect on our tools; got pkg for this to MichaelJ too. EHT review of (unpublished as yet) 2018 polarisation data: turns out par angle corr is really necessary when doing polarisation.

Wybren: added role to Ansible to put system (e.g. fb) in maintenance mode (disable jive5ab, only Paul/Wybren can log in, red.). Rolled out sssd, get no TLS errors anymore. Collected (lot of) diagnostic data for WesternDigital/vendor. Adding Zabbix configuration functionality to Ansible: hours of fun but managed to get almost everything in, except still cannot create host using ansible. ToDo: sfxc-l nodes to Deb11. Two fb7 pools mounted on fb18 (for test'n) have mount points similar to "official" fb mount points: sw picks up double data: will mount under different naming convention. fb3 reported a broken disk after scrub.

Des: ShivaniB reported CASA probs, provided help, now understand it, but not happy; e-Merlin not always w/ all spectral windows means that calibration gone at times; also tried to help MasS, but is imaging issue so can't help [Mark, Ilse: actually, there is not enough CASA imager expertise in the house; Ilse: probably should file bug report]. PolConvert c++ done, now working on combining w/ Python, but getting core dump these days requires systemd?!

Ilse: NRAO proposals read. Working on EVN Newsletter article into latex for biennial report. Discussed pipeline - e.g. rPICARD - w/ BenitoM: only if (very) simplified input file available; noted that there IS activity on CASA & pipeline(s) in the group but no interaction with us? [Marjolein: that was exactly why the fortnightly meetings with the supp.sci was set up! Please make a topic out of this!]. CASA VLBI workshop announcement: managed to send from casavlbi mail. On new leave accounting system: nr of hours/balance wrong?

Ilse & Mark leave for CASA VLBI LOC meeting; Marjolein asks about JIVE.NL => JIVE.EU situation: how difficult to maintain two host names/DNS zones for same service(s)? What is impact of "shutting down" JIVE.NL?

Paul gives overview; 7-yo Redmine ticket (#320) about keeping .NL and .EU zones in sync, shows that zones are in pretty good sync with only a few exceptions, out of which most are for a good reason. Maintaining certs for different hosts on same server is actually quite easy (use X.509 subject alternative name); webserver(s) may need some extra attention in setting up; reverse proxies same: one-time config then it's transparent.

So, all in all there is no technical reason to not support both .NL and .EU addresses for all services at JIVE.

[Marjolein: there may a PR or political reason for deprecating the .NL addresses, but let's not got there yet.]