

hZWURM, 25-09-2023 13:00 Hybrid WURM Library + JIVE Zoomroom#1

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

Plenary part: [Marjolein:] explains that she'd given Bob the task of drafting a document on how to get the DBBC3 operational within the EVN, realised she had not mentioned that to the whole group; Bob sent a document to EVNtech last week bootstrapping the discussion with the stations. March 2024 will see another EC CfP deadline and the proposal circus has started again; there are two CfPs of interest to JIVE: INFRATECH and two topics under INFRADEV; if anything will be small bits for us, and even less possibility for our group; may drop into your office for options. Finally: last week vlcoffee had some actions, I won't be here the next few weeks so hope you will follow them up, KTHX.

Des: verlofoverview data source API changed by someone (...)  
(adapted), finding browser(s) do (very) aggressive caching, now bruteforcing reload on every page load. Fringefit alt weighting code: \*finally\* managed to build under new system, now in test/verification state; Q for Mark: missing dependencies of casa pkgs? [Mark: can d/l daily wheels, should work] yebbut e.g. plotms cannot run w/o fuse? In any case: using other flags gives subtly different result on NME data, which is encouraging. Preparing for NRAO casadevelopers mtng in Charlottesville.

Wybren: tried open LDAP gui, check w/ Paul, got question back: why not use MS Auth? [Des: unknown to me if possible, let alone how] [Mark: why GUI? passwd mgmt is low amount of traffic] A: want to do more centralised access control to systems, e.g. user being able to upload ssh keys and arrange access to hosts; now everyone w/ LDAP has access everywhere. "rservices" configuration: flask vm updated, root mail into spam issue: seems connected to mailing client. Have set aside 100 GB extra disk for fringetest data (Mark): Q: want as extra disk or make it new root disk - current root already very full. Tomorrow power outage b/c cooling machine will be switched over a period of a few hours [Mark: please send to everyone!] sfxc O/S upgrade: progress on Py2 => Py3 migration, now holding up process. [Mark: some progress, but should only affect {head, out}.sfxc; can ask Berth/MartinL to run test with upgraded sfxc-l node in to see if remains working]. Pentest either ongoing or tomorrow.

Ilse: NAEIC work: survey purchase order now being placed; just heard national EDI officier contract not prolonged, RvdA wants permanent pos but/and several institutes claim financial issues so new staff = difficult; first NAEIC seminar after summer last week: UK EDI person after survey now writing recommendations already for ~two years. EHT town hall last week [Mark: MSRI2=ng+EHT investment (JIVE consulted for recorder), <= 80 M\$, deadline before Christmas23; MSIP3 smaller (<= 30 M\$) for EHT operations, not US only], pre-proposal before Jan24, if selected for next round proposal ~Apr24] Attended welding workshop; work for ASTRON CEP6 ongoing, action Marjolein required. Preparing for Malta mtng next week. Was asked for public lecture at

NSA (not \*that\* NSA but this'un: "Natuurwetenschappelijke Studievereniging Amsterdam") for end of this year, reply before travel. CASA mtng this week; RADIOBLOCKS WP5T5.3 in Nov shaping up.

Bob: security vulnerability in "Offline Redmine": can open sealed env w/o breaking seal?! Found during DoS on archive: a specific php script hogging DB (and creating TMP table); fitsfinder.php is vulnerable to the same "problem" [Marjo: re-implement w/ VO-query?] [Mark: VO does not have PI nor stations, but could be added in separate internal table for JOIN] [Wybren: if Apache2 then can have per IP request rate limiting?] Now that machine is responsive again, check logs for "post mortem". BobC: bug in pySCHED pointing sectors (fixed, new release). antab\_editor: fixing two spectral line passes, other exp w/ four passes (and overlapping in time) ongoing; reading VLBA files on list.

Mark: Paul used fitsfinder, got unexpected results; suggest VO query, tried and could not reproduce and Paul found expected data; ParselTongue on NRAO machine: not by default, helped Paul (Obit compilation comes up with Python version unknown to the system). EHT mtngs; besides townhall also s/w compatibility group: reference pipeline for MSRI2 proposal (suggested that rPICARD exists) but looks like funding for HOPS4. EOPs: merging data sets: use ObsId to be able to know which EOPs used, take into account.

Aard: merging coherent dedispersion into production: need some algo change (otherwise impact all correlations, which is undesirable); 8-bit VDIF req some changes too but is mostly bookkeeping. Presentation at RADIOBLOCKS WP4 mtng, still doubtful if others understand VLBI delay (then again: we don't fully understand LOFAR corr). Worked on delay compensation module; had to rewrite bunch of code that inexplicably got lost.

Marjolein: ditched all pandas-based functions in leave data query system, causing API change; turned into OpenBSD system service, documented tools, system, and procedure from vanilla OpenBSD to service-at-boot.

AOB: [Mark: adding FID02 keys to surfconext: ICT/SB really needs to see your id, but it does work; MikeS's keys also work for github, at least on OBSD and MacOSX]