

hZWURM, 11-09-2023 13:00 Hybrid WURM Library + JIVE Zoomroom#1

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

Plenary: JIVE review last week went well, got excellent, for a very great part thanks to the work you are doing (Jupyterhubs, notebooks, Virtual Observatory, DOIs, correlators) so: thanks!! As for my absence during October: leave requests et al will be rerouted to BobC; for purchases this is more difficult so other approach: enter purchase request in system, then contact AukelienP, she will look in the system and contact one of the MT members to vet/ok the purchase and put it through the system.

Wybren: after power outage: eee won't boot, two broken HDDs in FBs, wwpad framboos Pi doesn't work (need to take it off the wall, low prio); otherwise everything seems ok. Still catching up after holiday pile-up. db0 dual user prob very strange [BobE: inconsistent whether user@ip or user@host is used]. "landing.jive.eu" => "evn-doi.jive.eu"+cert done.

Ilse: also catching up with after-holiday pile-up; spent some time w/ review panel too. JackR pipeline + sym tool installed on casadev, will have RB WP5 T5.3 team meeting ~halfway Nov in-person; many of those ppl already here; together with ORP-PILOT reporting will have prio this week. After NWO-I employee survey cock-up: in NAEIC workclimate survey discuss w/ Ipsos and make sure not same issue. JorgeR negotiated funding for IAU project (~2.5k) and PacoC ok'ed but still no paper trail (also not from IAU side): lesson = try to keep documents in an accessible place [Marjo: yes, e.g. when discussing with JIVE director use "director@jive.eu" so all that mail is kept after change of directorship].

Mark: worked on EOP task: parsers for different EOP formats. (ng)EHT MSRI proposal recorders working group: try to attend to keep our presence; JohnB tests done, atmospheric chamber coming. RB WP4 mtng: presented findings on data transfer mechanisms. DiFX workshop in Socorro, attending users meeting first two days remotely; will present on RB correlator.

Aard: experimenting with delay compensation in fftdx block; our version multiplies by phase exponent, @40 GHz ~14 deg uncertainty, @83 GHz ~30 deg; amp almost negligible (1% @ 40 GHz, 4% @ 83 GHz); option is to do by delay rate differential? [Des: prior art at mm-VLBI people?] [DiFX seems to work at delay differential]; try to use const memory, update rate 1 Hz; phases may need double precision, but maybe not so much computation overhead that it is feasible to use emulated double precision. At RB WP4 meeting: clear that no-one there understands VLBI delay compensation, or what the requirements are (at LONG wavelength there are many things you don't have to care about).

Des: verloffoverview status is: waiting for live data query; not yet on VM, but will do so for production. Start w/ weights in CASA: on new build system gives wrinkles, fixed, find branch, which was two

build systems ago [Mark: create a new branch ...] and yes will create a new branch,

Bob: cronjob archive2 after reboot: cannot find scripts in home dir?
[Wybren: data pool not mounted, but maybe also not home dirs yet; specifically, the JBOD was not found until disconnect/connect the JBOD cable] ok makes sense, after half hour scripts worked. Continue DBBC3 commissioning document. antab_editor VLBA cal files: blend of KEYIN and space separated data *and* two different comment types *sigh*, but seems fixable. SumaM reported issue: spectral line exp with one cont + two line passes, which was unexpected, will investigate.