

WURM, 04-09-2023 13:00 WURM Oort room

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

Plenary: JIVE review this week; Marjo tied up; would be appreciated if you could all be in on Thu for mingling with the review panel (pants not optional, best behaviour, exemplary &cet.) Will be on holiday in ~three weeks so if you need anything signed or arranged, do it soon [Ilse: how about last minute/urgent things whilst you away?] Good question, will ask around; possibly by verbal OK by Aga but will check.

Mark: RiG meeting last week: reviewed ObsCore change proposal comment "where is use case"; will follow up. CASA VLBI mtng: 50/50 mgmt/tech; did some EOP work: WalterB "suggest keeping info on predicted, final, or something inbetween", fixed code and git lost it, cannot get it back, redid the work; VLBA has this info, can check; following success can transform Py to casa task proper. RADIOBLOCKS mtng later this week: present RDMA/GPU direct xfer work; Aard will do delay model later. Submitted ADASS abstract.

Ilse: worked through email backlog. M87 EHT review done, ready for journal submission; 1/2 way through thesis (invitation from Uni Valencia stuck in mail), is tech/math paper, plan to do coming two weeks. NAEIC work climate survey Dec/Jan. RADIOBLOCKS WP5 status - no activity??? EHT Europe mtng: activity at partners? [Mark: in EHT s/w grp + support MichaelJ), AMT site selection ongoing. Jorge left, outreach contact come asking for money, Paco promised to pay half - no paper trail??

Wybren: Thu+Fri power outage, hopefully power back on Fri. Built list from emails to do this week, after that db0 migration.

Aard: MasS probs: threadids not in VEX file (+ ofcourse config, vex file swapped), broken VEX file (BBC block refers to IF that does not exist for some stations), not in ocean loading file ... [Suggestion: tell MasS to ask GuifreM what intention was + provide correct VEX file]. ShivaniB: reproducible bug - all files in scan in job: crash, traced to race condition triggering OoM. Use only half of nodes; even nodes respond first and if N\_sta small only even nodes used. JackR question: containerized sfxc? Technically possibly, interesting for e.g. Kubernetes deployment, but not our prio right now. Version of sfxc paper to internal refs and will continue work on delay compensation on GPU.

Bob: bug triggered in auto xfer s/w => timestamp from jive5ab sais XXhYYm60.0s whilst not leap second? vdif\_print\_headers: sais first frame# in file is "0" - bug: does not print first frame (fixed); so first frame# is framerate-1, at high framerate converts as 59.9999s (more than three digits after decimal point): jive5ab tm2vex prints only three (3) digits (VEX standard!) so rounds up to 60. archive2 cron jobs happily installed + running? well, mails end up in Junk - found+fixed some issues (paths, deprecated code). [Wyb: archive1 may

stay up during power outage - will check!]. SumaM antab\_editor prob last week: VLBA file(s) => commented KEYIN causes troubles; can automate? [Mark: VLBA has two files, rcvr and tsys; combining simple, but some rcvrs overlap so after join may not know which rcvr actually used - may need to prompt for decision; have this code avail: was done for CASA scripts]. Continue DBBC3 doc.

Des: verlofoverview: page generation, navigation, and LDAP login all done - now need Real Data(TM), can has? Arrange with Marjo how to do this GDPR safe. "landing.jive.eu" did not resolve outside of building, being fixed [Marjo: whilst at it, can has https and doi.jive.eu?] Sure. Discussed with SumaM on weights in fringe fit - now know how.