

WURM, 25-11-2024 13:00 CET WURMng Marjolein's office

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

Plenary announcements: leave hours – please use them or sell them!

Bob: mysql error in log reported by PaulB, traced to old V0-script: out-of-bounds addressing in cfitsio (fixed). Observatory Control System: all components except scheduler running; immediate fix needed: upon insert of observation code checks if sun is up ...

Aard: SNR loss after removing division fixed; checked linearity limits in dbl/single precision floating point errors: delay 1st order polynomial over whole second = ok, phase needs 2nd order.

Des: wrapping up PolConvert working on native MS, interest from internal as well as external parties; fighting with jplotter to prove. Working on db migration w/ Wybren. Would be working on delay-mapping document.

Mark: EOP issue in j2ms2 reported, turned out to be PEBKAC: referred to non-existent EOP section but tooling didn't verify (j2ms2 does). ADASS/IVOA tripreport: coming soon, will say that V0 Event transport protocol = dead, V0 Event itself not necessarily so. MeasurementSet v4 review: today last moment to submit issues. EHT: PolConvert issue: using local ALMA data, not guaranteed to work, want to do single-dish approach but need to check with MichaelJ if correct (ALMA method uses a-prior information). Thu: FAIR s/w + data workshop, pointed at V0; ASTRON analyzed fairness (ok), but finds that it lacks a clear data policy; the advice is to add a well-defined license to one's data products.

Wybren: db migration was stuck at db export/import, requiring more work. Keycloak for BobE moved to docker – unmaintainable to run on "bare metal", need some tweaking before production. As usual some broken disks. Tried "burp" w/ Ansible on SN2100's: #FAIL and #FAIL. Experimented with some zfs optimizations on EEE2.

Paul: building person to hostname mapping db to help figure out who's logged in. Binlogs: db0 enabled, but default is STMT, which fails if result not in reply; need downtime to fix this. Where are the promised petabuffs (UK? JohnMcK?). Racks: find a model that's compatible with the "floating" portable requirements. Suggestion to collate the EEE2 performance test results.

AOB:

[Mark: link between RADIOBLOCKS cluster and FlexBufs? Using RDMA v2 which is routable.]

[Paul: can go over already existing links, may need to set up access table(s) at both ends. Will contact Julian and Wilco.]