

ZWURM, 31-01-2022 12:00 ZWURM (COVID-19 wk101)

Present BobE, Aard, Des, Mark, Paul, Marjolein

Plenary announcements: NorthStar server maintenance discussion - we've been asked who will take over responsibility of this? We already maintain the application, options for the machine are: inclusion in WSRT/LOFAR automated maintenance, meaning we'd be following the "stop days" during which system maintenance is done, cannot guarantee no conflict(s) with EVN proposal deadlines. Offer by ASTRON: support from JasminK for a designated JIVErt to perform patching etc. Probably best if we do the latter; since BobE already maintains the application, makes sense to maintain the O/S as well. In parallel will investigate running NorthStar on modern O/S and integrate into our Ansible-pool.

Des: attended LOFAR busy week (see trip report for details), worked on fringeFIT document. Started to work on DOI landing page <-> archive connection: discuss w/ BobE to come to common WSGI framework to use (currently two in use).

Mark: busy w/ meetings: INFRA-TECH, BHCam (incl INFRA-TECH, EHT interests from JIVE perspective), CASA-VLBI paper [indicating issues w/ AIPS; CASA Just Fine(tm)]. Filtering FITS-IDI PhaseCal table for essential/non-essential parameters to import; not all values written actually used by current code. TOG action item: which filter widths used? Extracted from VEX files; issue: how much is this b/c of what we tell PIs to use vs what they'd want to use. Attended SURF research cloud introduction (see trip report for details).

Aard: Berth: corr is sloooow?! Job has two Mk5's in, taking them out, still slow, one station causes slowness: reboot Mk5 = corr fast again. Mk5 knowledge draining b/c of less and less use. BobC: clock search tool issue w/ some channels: weight to GUI not always correct anymore: at low SNR (visibly low SNR) still get high weight; under investigation. Jupyterlab commit notebook plugin working, user experience not good: z-order of windows broken.

BobE: service that NorthStar uses to translate name to coord was retired, now uses an AJAX-based query (finally, Web2.0 arrives @NorthStar ...). Archive website: ready for presentation to support group. Will be on-site to discuss LT0[234] to LT08 workflow w/ Berth. Got request from support group for ANTAB feature: CAN HAS per-channel scaling factor?

Paul: microblade switch firmware bug resolved, will install new prod version after CoB today, following that perform new network test. Warranty issue HamburgNet: only new archive server purchased recently enough to be eligible for upgrading (at OUR cost!), other new machines stuck w/o advanced replacement. fb11 SATA-DOM should arrive tomorrow, fb90 scheduled to arrive next week. SKA paper accepted by publisher. Received quote for tape robot: more expensive than thought but still ~1/3 of HDD cost; want to make 7-yr replacement cost overview for proper comparison.