

ZWURM, 07-03-2022 13:00 ZWURM (COVID-19 wk106)

Present Aard, Des, Mark, Paul, Marjolein

Plenary point: the mail migration went pretty bad; it broke the JIVE institute because of many functionalities missing. Filing helpdesk tickets is the only way and let's hope that during the week some of the most urgent get addressed. Spent ~half an hour on the technicalities but most of it seems to be policy/decision to not allow and not that the Exchange server cannot do what we want it to. Which is a different level than individual users submitting helpdesk tickets.

Des: MichaelJ reported fringe fit issue traced to what happened and where (MarkK will explain); MichaelJ will need a special build (again). KPIs: how many EVN hours/year from database seem reliable after spot-checking with BobC's manual workflow: because of different objective with the accounting (auditing for TNA money) the numbers are not directly comparable but the differences are understood and within acceptable margins of error, especially if the automatically generated numbers come with a proper disclaimer. This week: expect to complain a lot about the email system and finish up CASA work [MarkK: create new VLBI integration branch, merging tickets so can close the previous one].

Mark: spent two days at the office = two days spent in socializing, i.e. significantly less productive. Whilst in the building tested sfxc-gui fix for MPC during e-VLBI, seems to work; important: run on machine where output collected - over NFS last record written may not be detected = hang, e.g. during testing. Attended INFRA-TECH, ESCAPE WP3 FocusGroup2 meeting; latter was on meta data in the EOSC/OSSR w/ idea that OSSR entry which is BinderHub-compatible = different entry in OSSR from the container, i.e. JIVE may need > 1 entries in OSSR. MichaelJ fringe fit issue: rPICARD pipeline now `_depends_` on per-scan interpolation but that feature was not merged in branches used, command line parser accepted "linearperscan" and silently treated it as "linear", which yields different results. IVOA RadioIG meeting this week on Single Dish data, may attend late time slot b/c of knowledgeable people attending; have CASA-VLBI tech and ngEHT DM wg meetings this week.

Aard: fringe test plot for Zolochiv data: some channels auto correlation unexpected => sometimes cross correlation labelled as auto in plots (fixed). PaulB bug report: jupyterhub.jive.eu does not auto-redirect to https (fixed). Whilst on Jupyterhub: updated version of CASA, trigger policy problem: need to kill user's docker image before taking effect? [MarkK: sounds like it needs to support > 1 versions?]. Filterbank output + large dataset in Python multiprocessing = #FAIL, now manually round-robin through thread pools. Want to finalize frontend for git plugin to push notebook, everything should be there in principle.

Paul: network currently limited; test cluster single connection only, get reports of performance impact (negative): investigation reveals not QSFP+ at fault, not optics at fault; upgraded f/w on Intel 10Gbps cards => seems fixed now. FiberStore now requests pictures of the QSFP+'s before allowed to be sent back to CN (WTF?!) - i.e. STILL no RMA yet. Archive upgrade path: page on Redmine wiki; jupyterhub certificate nearing expiration (that's how lack of http -> https redirection was found). For CRAF upgrading modules on their Redmine: conflicting modules give work and headache. Gitea may have fixed request of us to share private projects with the whole team; will upgrade later this week. Got report from EVN: two observations done: Jb broken, Kvazar stations missing.