

ZWURM, 16-08-2021 13:00 (ZWURM through Zoom because of #COVID19 house quarantine/wk75)

Present Paul, Aard, Des, Harro

Des: Building a ReactJS-based Virtual Radio Interferometer (VRI), running into hours of "fun", finding out how quickly documentation and guides on the internet perish due to the rapid evolving ecosystems that modern-day built-on-#FAIL systems are.

Aard: Continuing that last point: "BinderHub" + minikube = couldn't make it bind to the external IP address (none of the online solutions work); bare repo2docker approach (BinderHub = JupyterHub + repo2docker): build locally, result: can start from repositories but not from our own, maybe a specific docker needed? Will try other approach: forget k8s, build own recipe for repo2docker.

Paul: fb5 reported 2 pools x 2 disks failing per pool @last week scrub, but the reported errors were not 100% normal; tested all pool disks in "pacman" machine -> all 12 HDDs Just Fine; in backplane affected disks in one column = suspicious!; two disks per cable so isn't power supply, suspect backplane, was taken out today and quote for replacement asked. fb0: reported slow correlation again last week, forgot to take broken fiber port out after having run network tests, will need to purchase replacement optics; machine shows huge I/O wait for last few weeks, from SATA DOMs (will order replacements), machine may be on brink of dying. This morning the evlbi.org domain turned out to be broken; at 02:50 AM some transfer happened: domain is moved from UMAN to JIVE, coordinated by AukelienvdP and ASTRON ICT [appeared becoming fixed during the ZWURM]. Aug 27th ASTRON switch firewalld (middle of Paul's holiday), have outage to ASTRON and JIVE machines connected via ASTRON network.

Harro: VEX1.5/VEX2 parser released as standalone github by EdH, submitted PR containing JIVE local mods (support for \$THREADS block) and some fixes to the API/implementation after having verified that VEX1.5 and VEX2 versions of the same experiment produce identical MeasurementSets.