ZWURM, 04-01-2021 14:00 (ZWURM through Zoom because of #COVID19 house quarantaine/wk43)

Present eBob, Aard, Des, Paul, Ilse, Mark, Harro

Announcements:
- URSI GASS was announced before Christmas holiday and submitting for those who feel they can or want to present a paper is encouraged.
- Tomorrow's ASTRON "TEASER" talk seems to be about a topic relevant to our interests: reverse proxying.

Des: Busy testing the new plotms in CASA to see if it will plot rates. Will continue making the PaperDatabase into a useable tool for ZsoltP.

Aard: Will be working on versioning Jupyternotebooks. His ESCAPE IAM (Identity and Access Management) login is now accepted so will start to explore the IAM service.

Mark: Working on CASA tickets; created an integration branch for MichaelJ containing per-scan interpolation and ACCOR fixes. Des' fixes necessary for EHT2018 data processing can be merged on this branch too - specifically asked to look into memory consumption. Received a ParselTongue bug report from PaulB; will release Py3 version of ParselTongue this week (new bugreport is unrelated to this).

Paul: Spent holiday working on data reduction, found+reported ParselTongue issue. The sfxc head node "died" - turned out two power groups went down over the holidays, head.sfxc is 12 y old and has only one (1) PSU. SFXC head node functionality planned to be migrated to KVM cluster so won't replace with newer hardware. Cause of two power groups doing down not yet known; MartinL looking into this. Need new world map w/o Arecibo 305m image for PacoC; ImageMagick updates break script - looking into this. Attended vlcoffee, wanted to raise topic (MPC for end users: how to?) but since discussion was long/erratic postponed. Will be @ASTRON on Wednesday for network meeting; plan is to switch over JIVE to shared 100 Gbps link this Fri (week and a half to e-VLBI; will ask formatter test beforehand).

Ilse: Able to work on notebooks over Christmas: continuum now consistent with Des' N14C3, have generic one for other datasets. Comparing plotms functionality from script, cmdline and notebook and distributed observations via email to interested parties; in notebook environment changing params, reflected OK in log, but output not updated [AardK: possibility that an error occurs and is silently ignored, after which old output still visible? Will look into this if notebook provided on eee-dev] Q[IlseB]: is the plotcal equivalent available for testing? A[AardK]: will add it to the Jupyterkernel image. EHT needs some work done (calibration, ombudsperson). Will start on spectral line notebook now that continuum is "ok".

eBob: Working on ANTAB editor multi- and spectral line modes. dr Bob wants ToO in proposal tool: after submission direct to review (i.e. w/o deadline). Code seems to have an "urgent" category so may be doable; working on other Northstar edits requested. In vlcoffee meeting: FiLa problem with splitting threads giving erroneous frame needs to be investigated: what diagnostics needed? A[MarkK]: use tcpdump and run FiLa10G manually, can look at packet itself and the following one(s) to be able to see what seems to be happening.