

ZWURM, 14-11-2022 13:00 SZWURM (JIVE Zoomroom#1)

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

Short Zoom WURM today on account of ASTRON plenary at 14:00

Plenary announcements/discussion:

- Since not everyone was present last week: reminder to submit AVOM request before end of month in case you want to sell leave hours
- yt taking day off tomorrow for finalising kitchen installation

Paul: new Mark6 (Kunming) netboot difficulties, have different NIC, using workaround to make it netboot, also HDD is laptop 5600 RPM, replace w/ looted SSD. B&C tranter quote: request to add another seven HDDs to this machine were put on a different (erroneous) quote. Attended scientific integrity course (Leiden PhD compulsory). "jrm.jive.nl"'s certificate expired + renewed; new certificate not accepted by automated checks (likely trust chain issue), under investigation.

Bob: Py3 conversion of ccc code: not so much Py3 changes but mostly PyQt5 issues; database layer uses different variant type compared to PyQt4. control_evlbi uses QTableModel - commits don't work at all currently, in process of finding out [Qt5 has been "out" for _many_ years so once again we're hit by not maintaining the code and having to go through a huge backlog of (fundamental) changes].

Aard: sfxc paper: invited co-authors, got some feedback already.
BobC: JackR's primary beam experiment (user fed up waiting for EVN/ TOG to sort this out submitted own experiment to measure primary beams) report no fringes/didn't work; did check plots & inspection: see fringes, have to check with user support how they concluded it didn't work. FRB automation progressing, mostly done, 2nd layer script to actually create control file with final gate being worked on. Preparation for WP5 training event next week.

Ilse: reduced availability last week; this week CASA user committee. Started on ADASS conference paper w/ BjornE. Hope to spend time on radioastron fringe fit issue. Declined invitation to chair EHT diversity task force.

Wybren: automatic security patches result in several reboots necessary, also on machines that we use. WSRT/HCKW switch: after installation no access via WiFi (wifidat!) after enabling keys; wired ethernet = ok; no idea why conn refused in former; MTU: need to verify since has/can configure in three (3) places and we're using non-standard MTU 9000. HDD from MyMediaCenter broken, replace under warranty: long mail thread w/ support since helpdesk there doesn't know what they're selling; probably won't be ordering Toshiba HDDs through them anymore. "tail" was disconnected from the network ("ifdown"). jive5ab edits: roll out delayed start + verify: need to coordinate w/ operators; this week e-VLBI, probably after that. "code.jive.eu" out of memory issue: want to backup before making changes but something missing in permissions (cannot make backup).

Discussed open ports w/ MartinL: OK for suggested range [Bob: CormackR pushes data, requires 2620 to be open] [Marjolein: if CormackR does file to <whatever> can experiment with e-transfer file2file, more control of server admin, no clash w/ other transfers] [Paul: think of IP-based access list] (yes that's a good idea)

Des: Mattermost feedbacktool: broken and then fixed; created frontend to verify submissions to db - ready for demo. Wideband fringefit Python prototype already indicates promising results. Think of starting on next R&O target (simulation + calibration pipeline), require input/collab w/ Ilse.

Mark: addressed some CASA loose ends: VLBA data corrections done in importfitsidi not 100% correct amps; impact low; EVN not affected. AndreY (RadboudU) visit next week: interested in how EVN handles (automating) amplitude calibration (want to show antab editor); AMT developments: maybe 7mm+13mm rcvr [ERC grant denied, may impact site selection: if high alt Gamsberg n/a then may colocate w/ H.E.S.S. at lower alt: more scope for lower freqs like 7mm+13mm].

Marjolein: finished new scan_check? algo: one implementation for three supported platforms better maintainable + extendable; if suspected VDIF sample more of the recording to improve changes of finding all threads and/or frame number wrap.

AOB:

- [Paul] e-VLBI tomorrow
- [Ilse] calendar sync to google still not ok, ICT sais "google problem"
- [Marjolein] GiuseppeC & yt collecting inventory of functionality that is required to do our work in order to negotiate w/ ICT