

Correlator Implementation and Control meeting, December 17 2012,
13.30 local time, Arpad's room
present Jonathan, Salvatore, Harro, Arpad
Des is free on Mondays, works from home rest of the time on account of
not being allowed to drive (broken finger)

action items

Jonathan: test fix of Erlang performance problems reading UDP packets
(on hold)

Jonathan + Salvatore: figure out how to make packet spacing adjustable
(on hold)

Des: investigate Suse and Erlang, how to keep Erlang synched across
platforms

#still unknown

update:

Harro: Des is getting data in and out, while there is still some strange
stuff. Des did send email to Jonathan, only partially replied. Jonathan will
check if he can reproduce behaviour, ask Des what exactly he is doing

Jonathan: problem with transceivers not synching has disappeared thanks
to 2 seconds initialization period with idle pattern. Been tested for one
week, no packet loss at all.

Other problem with non-zero delay model also fixed, was timing problem,
very tricky to find.

Tests ongoing with delay and sine waves, data in and out, still some
problems. Next testing with phase delay, fine delay.

Harro: casa core caused some issue with one of the libraries, took some
time but is fixed now. Multiple capturers enables, j2ms2 is now multi-
uniboard-aware.

Arpad: a date for review has been set, January 29. Jonathan needs to work
on documentation still. Forgot to put date for next meeting. Probably best
to start again on the 10th of January, after coffee.