

Random recommendations:

- If the robot is not responding, don't turn it off already.
(can still press fault button, though)
let it run for a while (some minutes)
maybe a loose ETH cable is causing very slow communications,
and errors would show up after a long time.
- Old iCub CPU in head: there was no hard disk. It was remotely mounted using NFS (from server)
this means the code was shared with the server computer
→ only the server computer needed to be updated
- yarp robot interface is a bunch of threads of equal priority.
But transmission tasks need to be run with high priority
The new version in iCub-main/master fixes this
and offers better debug information w/ respect to it.
- iCub-main/master now handles R-T mode with high priority threads
for smoother transmission
- iCub Nancy has "version 1" arms. Joints can be calibrated through similar files
as with green/purple, in robot-configuration
Calibration is done through matrixe23 (e.g.) → motor encoder → joint
by setting the first 4 cols. = 114 ... and then ask Julien/Valentina.
(or changing delta if lazy)

ISSUE DOCUMENTATION

⊗ YARP → strain_embobj/inertials_embobj/MARS... ON.
inertial sensors: gxf

down/RAIN
{
 .1
 .3
 .6/7
 .8/9
}

FOC Boards don't keep update.

Boards with skin

1, 2, 4 → force ETH maintenance.

Select 4. Discover.

Select all skins (tactile board)

Upload application → skin.hex

⊗ If not all at same version! Turn off motors. Turn on. Wait.
ETH → Discover. When doing software updates in //,
casini may happen.

Better to do it one by one: upload application → skin.hex
(try selecting boards with non neighboring ID)

BLACK MAGIC e.g. : 12 and .8, not .1 and .2)
for doing in //