Bliss user commands

Debug

`bench(command)`: benchmark a command
`debugon("*mca*")debugoff()`:activate debug
`lprint()`: xxxxxxxxxxxxxxx
`lslog()  lsdebug()`: xxxxxxxxxxxxxxxx
`prdef(function)`: print the code and location
of a function.

BLISS objects have a "in-shell info" feature:
typing its name + ↵ print details about it.

Wago

Wago boxes

`interlock_show(w1, w2)`: print status of:
-wago interlock for boxes w1 and w2
-all boxes of the session if none specified

Lima

Lima

`edit_roi_counter()`   : XXXXX

Counters

conversion function

`sssss`
`cnt.`
ddddd

Keithley

Lima

`kdiag.range=0.002`   : XXXXX

`wa()`: xxxxxxxxxxxxxxx
`wm(mot1,...motN)`: xxxxxxxxxxxxxxx
`umv(mot1,3...motN,5)`: xxxxxxxxxxxxxxx

Common step scans

Configuration

Beacon, Redis and Co.

Settings are shared over sessions

`bench(command)`: benchmark a command

Axis

I like to move it

`mymov = move(m0,3.14,wait=False)`
do not wait end of movement

`mymov.wait()`: wait end of ***mymov*** movement

Counters

Sampling Counters

`from bliss.common.counters import SamplingMode`
`cnt.mode = SamplingMode.SINGLE`
set cnt in SINGLE mode
1: MEAN   2: STATS 3: SAMPLES
4: SINGLE 5: LAST 6: INTEGRATE 7: INTEGRATE_STATS

Undulators

Insertion Devices

`bench(command)`   : benchmark a command