nuvu_stream	**kalao.cacao.telemetry.streams** shwfs_slopes_flux	shwfs_slopes shws_slopes.mean()	dm01disp

KalAO

database.get_all_last_telemetry()
nuvu_emgain
strehl
...

database.get_all_last_monitoring()
shutter
flip_mirror
calib_unit
laser
tungsten
filter
temp_bench_air
temp_bench_board
temp_water_in
temp_water_out
coretemp_isa-Package_id_0
acpitz_acpi-temp1
nuvu_temp_ccd
fli_temp_ccd

Tip/tilt plot

kalao.interface.status.telemetry_series -> dict

Modal gains

centring_needed, image = kalao.interface.star_centering.fli_view()
kalao.interface.star_centering.star_pixel(x, y)

kalao.interface.status.latest_obs_log_entry() -> string

---

kalao.plc.laser.enable() / kalao.plc.laser.disable()
kalao.plc.laser.set_intensity(NUMBER)
kalao.plc.laser.status()

kalao.plc.shutter.open() / kalao.plc.shutter.close()
kalao.plc.shutter.position()

kalao.plc.flip_mirror.up() / kalao.plc.flip_mirror.down()
kalao.plc.flip_mirror.position()

kalao.plc.tungsten.on() / kalao.plc.tungsten.off()
kalao.plc.tungsten.status()['sStatus']

kalao.plc.calib_unit.laser() / kalao.plc.calib_unit.tungsten()
kalao.plc.calib_unit.move($VALUE)
kalao.plc.calib_unit.status()['irPosActual']
kalao.plc.calib_unit.status()['sStatus']

state, substate, start_date = sequencer.system.camera_service('STATUS')
sequencer.system.camera_service('RESTART')
sequencer.system.camera_service('STOP')

state, substate, start_date = sequencer.system.database_service('STATUS')
sequencer.system.database_service('RESTART')
sequencer.system.database_service('STOP')

state, substate, start_date = sequencer.system.flask_service('STATUS')
sequencer.system.flask_service('RESTART')

database.get_all_last_telemetry()
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Open/Close AO loop

AO Gain

Restart kalaortc