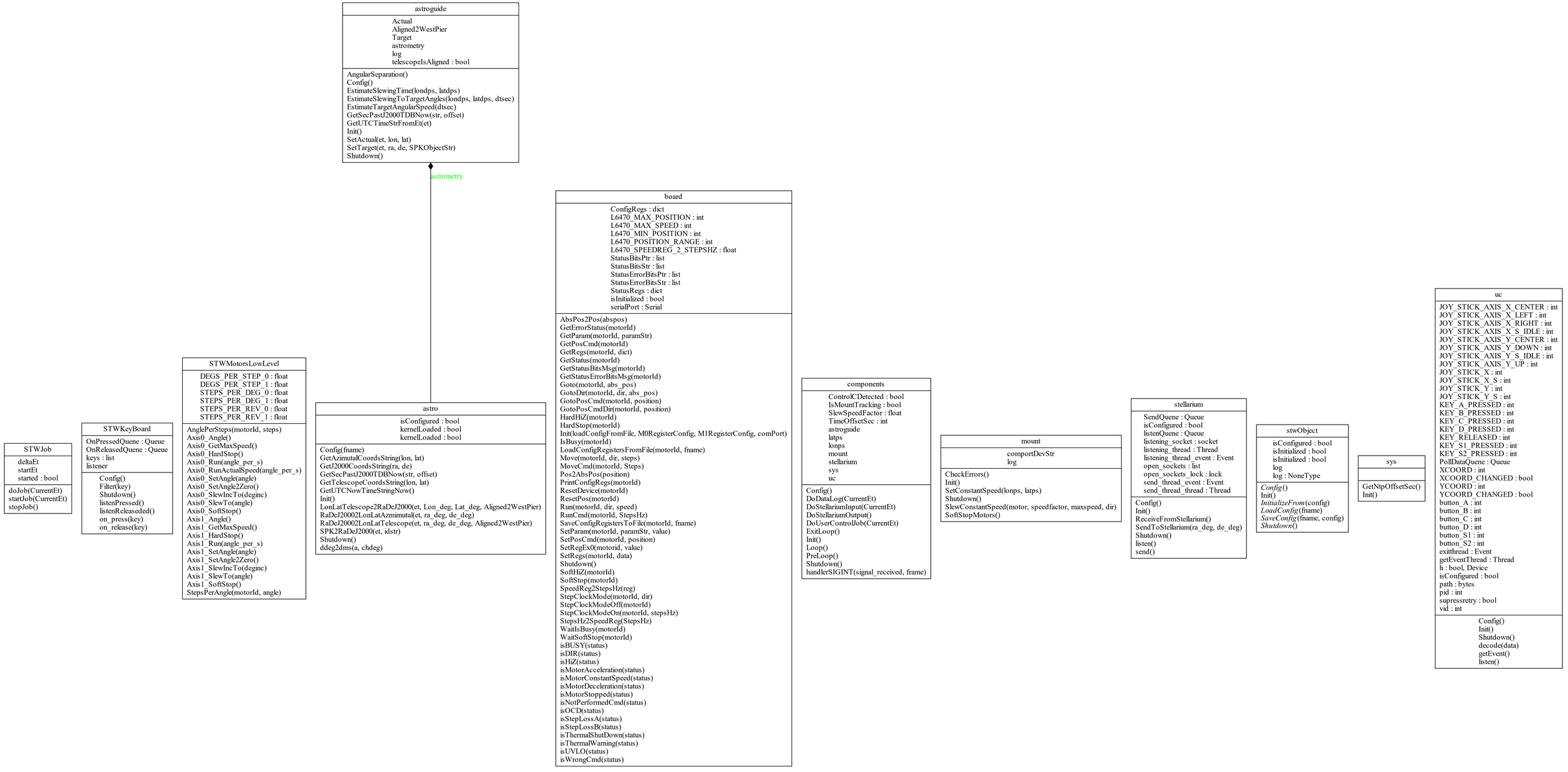
astroguide
Actual
Aligned2WestPier
Target
astrometry
log
telescopeIsAligned : bool
AngularSeparation()
Config()
EstimateSlewingTime(londps, latdps)
EstimateSlewingToTargetAngles(londps, latdps, dtsec)
EstimateTargetAngularSpeed(dtsec)
GetSecPastJ2000TDBNow(str, offset)
GetUTCTimeStrFromEt(et)
Init()
SetActual(et, lon, lat)
SetTarget(et, ra, de, SPKObjectStr)
Shutdown()
astrometry
STWJob
deltaEt
startEt
started : bool
doJob(CurrentEt)
startJob(CurrentEt)
stopJob()
STWKeyBoard
OnPressedQuene : Queue
OnReleasedQuene : Queue
keys : list
listener
Config()
Filter(key)
Shutdown()
listenPressed()
listenReleaseded()
on_press(key)
on_release(key)
STWMotorsLowLevel
DEGS_PER_STEP_0 : float
DEGS_PER_STEP_1 : float
STEPS_PER_DEG_0 : float
STEPS_PER_DEG_1 : float
STEPS_PER_REV_0 : float
STEPS_PER_REV_1 : float
AnglePerSteps(motorId, steps)
Axis0_Angle()
Axis0_GetMaxSpeed()
Axis0_HardStop()
Axis0_Run(angle_per_s)
Axis0_RunActualSpeed(angle_per_s)
Axis0_SetAngle(angle)
Axis0_SetAngle2Zero()
Axis0_SlewIncTo(deginc)
Axis0_SlewTo(angle)
Axis0_SoftStop()
Axis1_Angle()
Axis1_GetMaxSpeed()
Axis1_HardStop()
Axis1_Run(angle_per_s)
Axis1_SetAngle(angle)
Axis1_SetAngle2Zero()
Axis1_SlewIncTo(deginc)
Axis1_SlewTo(angle)
Axis1_SoftStop()
StepsPerAngle(motorId, angle)
astro
isConfigured : bool
kernelLoaded : bool
kernelLoaded : bool
Config(fname)
GetAzimutalCoordsString(lon, lat)
GetJ2000CoordsString(ra, de)
GetSecPastJ2000TDBNow(str, offset)
GetTelescopeCoordsString(lon, lat)
GetUTCNowTimeStringNow()
Init()
LonLatTelescope2RaDeJ2000(et, Lon_deg, Lat_deg, Aligned2WestPier)
RaDeJ20002LonLatAzmimutal(et, ra_deg, de_deg)
RaDeJ20002LonLatTelescope(et, ra_deg, de_deg, Aligned2WestPier)
SPK2RaDeJ2000(et, idstr)
Shutdown()
ddeg2dms(a, chdeg)
board
ConfigRegs : dict
L6470_MAX_POSITION : int
L6470_MAX_SPEED : int
L6470_MIN_POSITION : int
L6470_POSITION_RANGE : int
L6470_SPEEDREG_2_STEPSHZ : float
StatusBitsPtr : list
StatusBitsStr : list
StatusErrorBitsPtr : list
StatusErrorBitsStr : list
StatusRegs : dict
isInitialized : bool
serialPort : Serial
AbsPos2Pos(abspos)
GetErrorStatus(motorId)
GetParam(motorId, paramStr)
GetPosCmd(motorId)
GetRegs(motorId, dict)
GetStatus(motorId)
GetStatusBitsMsg(motorId)
GetStatusErrorBitsMsg(motorId)
Goto(motorId, abs_pos)
GotoDir(motorId, dir, abs_pos)
GotoPosCmd(motorId, position)
GotoPosCmdDir(motorId, position)
HardHiZ(motorId)
HardStop(motorId)
Init(loadConfigFromFile, M0RegisterConfig, M1RegisterConfig, comPort)
IsBusy(motorId)
LoadConfigRegistersFromFile(motorId, fname)
Move(motorId, dir, steps)
MoveCmd(motorId, Steps)
Pos2AbsPos(position)
PrintConfigRegs(motorId)
ResetDevice(motorId)
ResetPos(motorId)
Run(motorId, dir, speed)
RunCmd(motorId, StepsHz)
SaveConfigRegistersToFile(motorId, fname)
SetParam(motorId, paramStr, value)
SetPosCmd(motorId, position)
SetRegEx0(motorid, value)
SetRegs(motorId, data)
Shutdown()
SoftHiZ(motorId)
SoftStop(motorId)
SpeedReg2StepsHz(reg)
StepClockMode(motorId, dir)
StepClockModeOff(motorId)
StepClockModeOn(motorId, stepsHz)
StepsHz2SpeedReg(StepsHz)
WaitIsBusy(motorId)
WaitSoftStop(motorId)
isBUSY(status)
isDIR(status)
isHiZ(status)
isMotorAcceleration(status)
isMotorConstantSpeed(status)
isMotorDeceleration(status)
isMotorStopped(status)
isNotPerformedCmd(status)
isOCD(status)
isStepLossA(status)
isStepLossB(status)
isThermalShutDown(status)
isThermalWarning(status)
isUVLO(status)
isWrongCmd(status)
components
ControlCDetected : bool
IsMountTracking : bool
SlewSpeedFactor : float
TimeOffsetSec : int
astroguide
latps
lonps
mount
stellarium
sys
uc
Config()
DoDataLog(CurrentEt)
DoStellariumInput(CurrentEt)
DoStellariumOutput()
DoUserControlJob(CurrentEt)
ExitLoop()
Init()
Loop()
PreLoop()
Shutdown()
handlerSIGINT(signal_received, frame)
mount
comportDevStr
log
CheckErrors()
Init()
SetConstantSpeed(lonps, latps)
Shutdown()
SlewConstantSpeed(motor, speedfactor, maxspeed, dir)
SoftStopMotors()
stellarium
SendQuene : Queue
isConfigured : bool
listenQuene : Queue
listening_socket : socket
listening_thread : Thread
listening_thread_event : Event
open_sockets : list
open_sockets_lock : lock
send_thread_event : Event
send_thread_thread : Thread
Config()
Init()
ReceiveFromStellarium()
SendToStellarium(ra_deg, de_deg)
Shutdown()
listen()
send()
stwObject
isConfigured : bool
isInitialized : bool
isInitialized : bool
log
log : NoneType
Config()
Init()
InitializeFrom(config)
LoadConfig(fname)
SaveConfig(fname, config)
Shutdown()
sys
GetNtpOffsetSec()
Init()
uc
JOY_STICK_AXIS_X_CENTER : int
JOY_STICK_AXIS_X_LEFT : int
JOY_STICK_AXIS_X_RIGHT : int
JOY_STICK_AXIS_X_S_IDLE : int
JOY_STICK_AXIS_Y_CENTER : int
JOY_STICK_AXIS_Y_DOWN : int
JOY_STICK_AXIS_Y_S_IDLE : int
JOY_STICK_AXIS_Y_UP : int
JOY_STICK_X : int
JOY_STICK_X_S : int
JOY_STICK_Y : int
JOY_STICK_Y_S : int
KEY_A_PRESSED : int
KEY_B_PRESSED : int
KEY_C_PRESSED : int
KEY_D_PRESSED : int
KEY_RELEASED : int
KEY_S1_PRESSED : int
KEY_S2_PRESSED : int
PollDataQuene : Queue
XCOORD : int
XCOORD_CHANGED : bool
YCOORD : int
YCOORD_CHANGED : bool
button_A : int
button_B : int
button_C : int
button_D : int
button_S1 : int
button_S2 : int
exitthread : Event
getEventThread : Thread
h : bool, Device
isConfigured : bool
path : bytes
pid : int
supressretry : bool
vid : int
Config()
Init()
Shutdown()
decode(data)
getEvent()
listen()