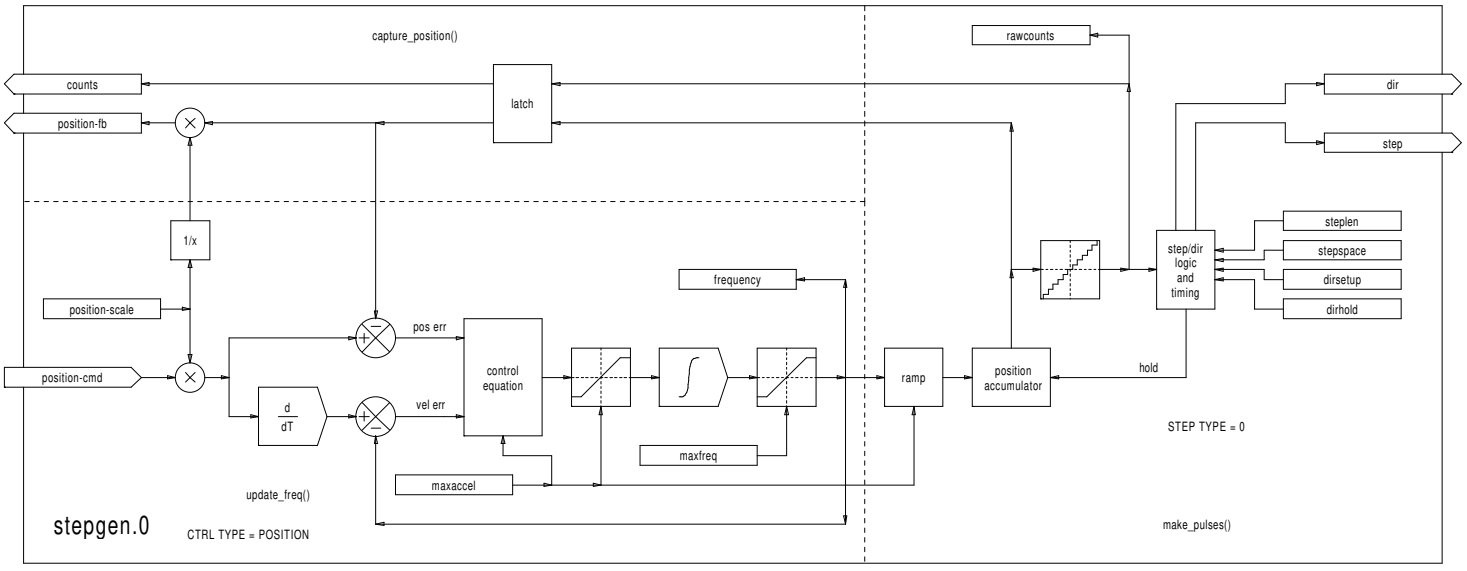
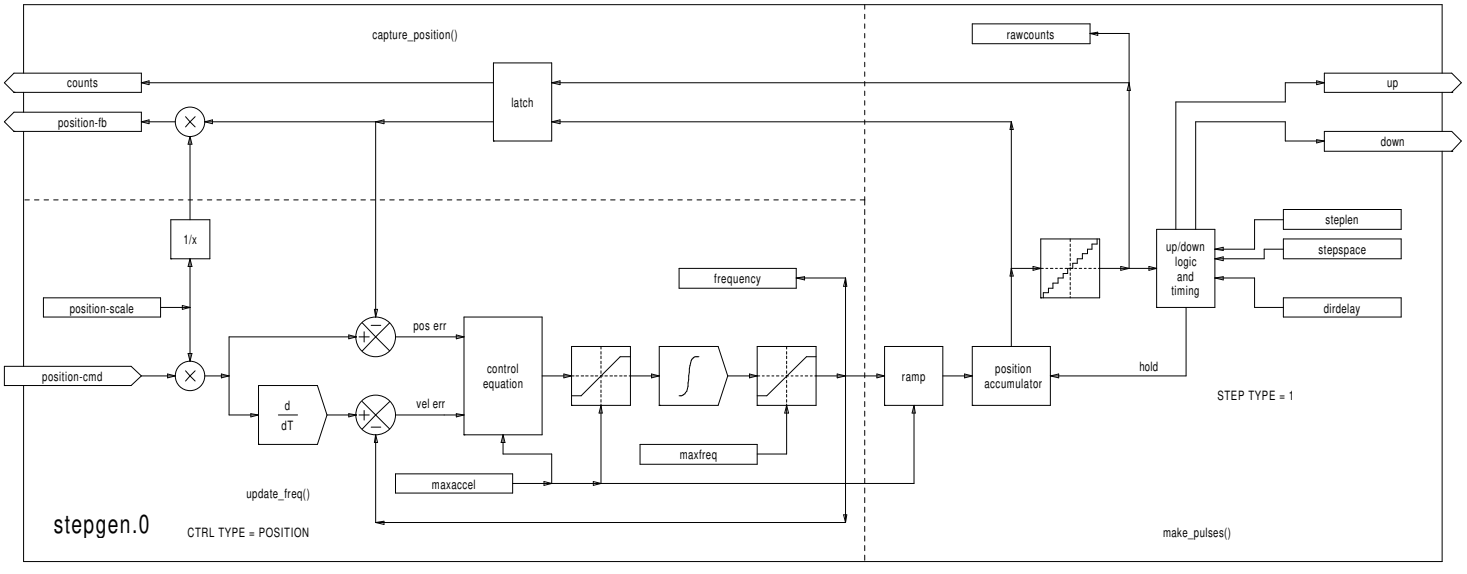
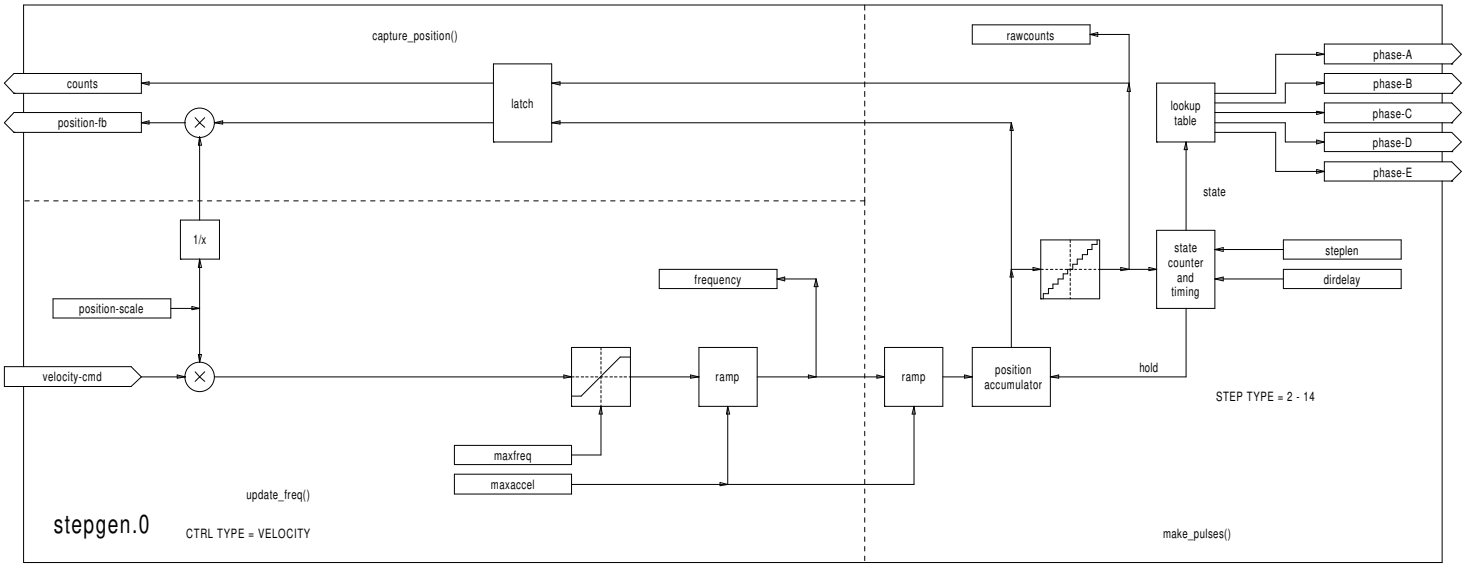

capture_position()
rawcounts
counts
latch
dir
position-fb
step
1/x
steplen
step/dir logic and timing
stepspace
position-scale
frequency
dirsetup
pos err
dirhold
position-cmd
control equation
ramp
position accumulator
hold
d/dT
vel err
STEP TYPE = 0
maxfreq
maxaccel
update_freq()
stepgen.0
CTRL TYPE = POSITION
make_pulses()


capture_position()
rawcounts
counts
latch
up
position-fb
down
1/x
steplen
up/down logic and timing
stepspace
position-scale
frequency
dirdelay
pos err
position-cmd
control equation
ramp
position accumulator
hold
d/dT
vel err
STEP TYPE = 1
maxfreq
maxaccel
update_freq()
stepgen.0
CTRL TYPE = POSITION
make_pulses()


capture_position()
rawcounts
counts
latch
phase-A
position-fb
phase-B
phase-C
lookup table
phase-D
phase-E
state
1/x
state counter and timing
steplen
position-scale
frequency
dirdelay
velocity-cmd
ramp
ramp
position accumulator
hold
STEP TYPE = 2 - 14
maxfreq
maxaccel
update_freq()
stepgen.0
CTRL TYPE = VELOCITY
make_pulses()