

```

root
  fileName expression 'polarization' + frontPolarization+waitPoint

init
  counter.countAgainst choice 'TIME'
  frontPolarization expression 'DOWN'
  counter.timePreset expression 120

Loops
  vary
    _i start 1 step 1 stop 10
    waitPoint expression 0
    subloop
      vary
        frontPolarization value 'UP' cyclic
      vary
        frontPolarization value 'DOWN' cyclic
        waitPoint expression 2

```

Trajectory Comments

Single quotes are text input

Produces filename:  
 polarizationUP0  
 polarizationDOWN2

Spaces will produce underscores  
 ‘\_’

This steps by 1 from 1 to 10.  
 This sets waitPoint to 0 goes to subloop.

Expression flips front pol. to UP state. Counts 120s with no time delay as waitPoint is 0. After count, goes to next expression in subloop.

This expression flips front polarization to DOWN state, waits 2s and then counts 120s. Then, it goes back to main loop.

NOTE: above is similar to Tran With Wait. Difference is second expression flips front polarization to DOWN state