```
CON

  _clkmode = xtal1 + pll16x
  _xinfreq = 5_000_000



OBJ

 taos : "taosCountLib"
 Ser  : "FullDuplexSerial"

PUB main
    Ser.start(31, 30, 0, 115200)

 ser.str(string("  hello  "))

 waitcnt(clkfreq/10 + cnt)
      ' dira[16..18]~~
      'outa[16..18]~~
      'dira[19]~

    repeat

      ' ser.tx(1)                         ' Send the HOME code to the DEBUG terminal
       ser.str(string("  period w:"))
       ser.dec(taos.period(19,0))
       ser.str(string("  period r:"))
       ser.dec(taos.period(19,1))
       ser.str(string("  period b:"))
       ser.dec(taos.period(19,2))
       ser.str(string("  period g:"))
       ser.dec(taos.period(19,3))

       ser.tx(13)
       waitcnt(clkfreq/2 + cnt)
```