BASCOM Servo mit Timer ansteuern (PMW)

```
' PWM mit Timer: Servoansteuerung.  2 Servos unabhängig ansteuern.
' In:  -
' Out: b.1  PWM-Signal 1 (f_PWM ca. 61 Hz -> T_PWM  ca. 16 ms)
' Out: b.2  PWM-Signal 2 (f_PWM ca. 61 Hz -> T_PWM  ca. 16 ms)
'
$regfile = "m8def.dat"                                      'Chip: ATmega8
$crystal = 1000000                                          'Frequenz: 1 MHz

$swstack = 50
$hwstack = 50
$framesize = 50

Config Portb.1 = Output
Config Portb.2 = Output                                     'fuer PWM/Analogausgabe
Config Timer1 = Pwm , Pwm = 10 , Compare A Pwm = Clear Up , Compare B Pwm = Clear Up , Prescale = 8

Servo1 Alias Pwm1a
Servo2 Alias Pwm1b

Dim Position As Word

Const Links = 895                                           '2 ms
Const Rechts = 960                                          '1 ms

Do

  Servo1 = Rechts
  Servo2 = Rechts
  Wait 2

  Servo1 = Links
  Servo2 = Links

  For Position = Links To Rechts Step 5
  Servo2 = Position
  Waitms 100
  Next Position

Loop
End
```

BASCOM, Elektronik, Mikrocontroller, Programmierung

BASCOM SERVO mit ATtiny13

Der Servo fährt zwischen zwei Punkten hin und her.

```
$regfile = "ATtiny13.dat"
$crystal = 9600000
$hwstack = 10 ' default use 32 for the hardware stack
$swstack = 10 ' default use 10 for the SW stack
$framesize = 20 ' default use 40 for the frame space
Config Servos = 1 , Servo1 = Portb.1 , Reload = 5
Config Pinb.1 = Output
Enable Interrupts
Do
   Servo(1) = 65
   Waitms 300
   Servo(1) = 230
   Waitms 200
   Loop
End
```

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