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/*****
Module
  Servo.c

*****/
/*----- Include Files -----*/
// Basic includes for a program using the Events and Services Framework

#include "HEADERS.h"

#define TckPerMicroS 3
/*----- Module Functions -----*/

void Servo_SetAngle(int num, int angle)
{
  int calcAngle;

  if(num == GrabberServo)
  {
    angle = angle & BIT7HI;

    if (angle == 0) calcAngle = GrabberMax;// open
    else calcAngle = GrabberMin;// closed
    Servo12_SetPulseWidth(GrabberServo, 600+10*calcAngle) ;
  }
  if(num == SpecialServo)
  {
    if (angle <= 0x40) calcAngle = 170;// forwards
    else calcAngle = 0;// backwards
    Servo12_SetPulseWidth(SpecialServo, 600+10*calcAngle) ;
  }
}

```