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#ifdef TEMP_STAT_LEDS
//Edit 01/11/2016 Marquis Johnson
static uint32_t stat_update = 0;
//Virtual Variables
int t = 2;
int Rval = 1;
int Gval = 1;
int Bval = 1;
int LEDmax = 160;
int ExtTemp;
int BedTemp;
int ExtTarg;
int BedTarg;
//Static Colors
void off(){Rval = 0;Gval = 0;Bval = 0;}
void white(){Rval = LEDmax;Gval = LEDmax;Bval = LEDmax;}
void red(){Rval = LEDmax;Gval = 0;Bval = 0;}
void green(){Rval = 0;Gval = LEDmax;Bval = 0;}
void blue(){Rval = 0;Gval = 0;Bval = LEDmax;}
void yellow(){Rval = LEDmax;Gval = LEDmax;Bval = 0;}
void cyan(){Rval = 0;Gval = LEDmax;Bval = LEDmax;}
void magenta(){Rval = LEDmax;Gval = 0;Bval = LEDmax;}
//Handle Led Stauts
void handle_status_leds(){
  if(millis() > stat_update) {
    stat_update += 50; // Update every 0.05s
    for (int8_t cur_extruder = 0; cur_extruder < EXTRUDERS; ++cur_extruder) {
       ExtTemp = degHotend(cur_extruder);
       ExtTarg = degTargetHotend(cur_extruder);
       BedTemp = degTargetBed();
       BedTarg = degBed();
    }
//Fade Leds On when starting up
    if(Rval+Gval+Bval == 3){
//length of delay
      for(int r = 0; r<LEDmax; r++){Rval = r;analogWrite(STAT_LED_RED, Rval);delay(t);}
      for(int r = LEDmax; r>0; r--){Rval = r;analogWrite(STAT_LED_RED, Rval);delay(t);}
      for(int g = 0; g<LEDmax; g++){Gval = g;analogWrite(STAT_LED_GREEN, Gval);delay(t);}
      for(int g = LEDmax; g>0; g--){Gval = g;analogWrite(STAT_LED_GREEN, Gval);delay(t);}
      for(int b = 0; b<LEDmax; b++){Bval = b;analogWrite(STAT_LED_BLUE, Bval);delay(t);}
      for(int b = LEDmax; b>0; b--){Bval = b;analogWrite(STAT_LED_BLUE, Bval);delay(t);}
      for(int w = 0; w<LEDmax; w++){Rval = w; Gval = w; Bval = w;analogWrite(STAT_LED_RED,
Rval);analogWrite(STAT_LED_GREEN, Gval);analogWrite(STAT_LED_BLUE, Bval);delay(t);}
    }
    if((BedTarg == 71)||(BedTarg == 1)){off();}
    if(BedTarg == 100){yellow();}
    if(ExtTarg == 0){white();}
    if((ExtTarg != 0)
     &&(BedTarg != 1)
     &&(BedTarg != 69)
     &&(BedTarg != 71)
     &&(BedTarg != 100)){
       if((ExtTarg >= ExtTemp-TEMP_HYSTERESIS)
        &&(ExtTarg <= ExtTemp+TEMP_HYSTERESIS)){white();}
       else if((BedTarg == 5)&&(BedTemp <= 50)){green();}
       else{
         int MidTemp = (((EXTRUDE_MINTEMP)-40)/2);
         if(ExtTemp < 40){blue();}
         if(ExtTemp > EXTRUDE_MINTEMP){red();}
         if((ExtTemp > 40)&&(ExtTemp < MidTemp)){
           Rval = map(ExtTemp,40,MidTemp,0,LEDmax);
           Gval = 0;
           Bval = LEDmax;
         }
         if((ExtTemp > MidTemp)&&(ExtTemp < EXTRUDE_MINTEMP)){

           Rval = LEDmax;
           Gval = 0;
           Bval = map(ExtTemp,MidTemp,EXTRUDE_MINTEMP,LEDmax,0);
         }
       }
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      }
  //Write to LEDs
      analogWrite(STAT_LED_RED, Rval);
      analogWrite(STAT_LED_GREEN, Gval);
      analogWrite(STAT_LED_BLUE, Bval);
    }
  }
#endif
```