Milestone One

CS-350-R4869 Emerging Sys Arch & Tech

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1. What does pwmled2 set the PWM period to?

It sets the PWM period to 3000ms.

1. Which PWM\_xxx() function sets the PWM period?

Calling PWM\_open() function opens a given PWM instance and sets the period.

1. Which PWM\_xxx() function sets the PWM duty cycle?

Calling PWM\_setDuty() function set the duty cycle of a specific PWM handle.

1. What is the purpose of the while(1) loop in pwmled2?

It establishes an infinite loop and increments the PWM duty. This keeps the pwmled2 running.

1. What is the purpose of usleep() in the while(1) loop?

It suspends pwmled2 from executing for a given amount of time. This gives the LEDs on the board a blinking effect. The suspension time is currently set to 50000ms.