Milestone Three

CS-350-R4869 Emerging Sys Arch & Tech

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1. What is the purpose of the timerCallback() function?

This is the function that is called back after the timer interrupt.

1. What does period mean in this context?

A period is the time interval the system takes between evaluating states or transitions. In this application the period is set to 1000000ms.

1. How does the Timer\_CONTINUOUS\_CALLBACK parameter impact the driver?

This ensure that the calling thread continues to execute once Timer\_start() is called. The timer is automatically restarted and will continue to periodically generate interrupts until Timer\_stop() is called.

1. What is gpioButtonFxn0() used for?

This is the callback function for the GPIO interrupt on CONFIG\_FIO\_BUTTON\_0. This function is called when the general-purpose input/output button is pressed.

1. What is the purpose of GPIO\_CFG\_IN\_INT\_FALLING?

It is the interrupt called on the falling edge of a state change.