Milestone Two

CS-350-R4869 Emerging Sys Arch & Tech

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1. How does the macro UART\_DATA\_BINARY impact the UART?

UART\_DATA\_BINARY and UART\_DATA\_TEXT define the data mode for reads and writes. UART\_DATA\_BINARY passes data as is, with no processing.

1. How does the macro UART\_RETURN\_FULL impact the UART?

It defines the return modes for UART\_read() and UART\_readPolling(). When the read buffer is filled, the UART\_RETURN\_FULL unblocks or performs a callback.

1. What driver call would you use to write 10 characters out of the UART?

UART\_write(uart, &input, 10);

1. What is the driver call to turn off LED 0?

GPIO\_write(CONFIG\_GPIO\_LED\_0, CONFIG\_GPIO\_LED\_OFF);

1. What is the UART baud rate?

The UART baud rate is the rate of data transfer to the board. It is currently set to 115200