

implementation for msp430 as master i2c

are defined here.

hardware level driver.

i2cdev.c/ .h:

communications. Standardized initialization of

processor registers to communicate properly, read and write functions, and proper interrupts

These were adapted from an arduino library and similar functions are found elsewhere. These allow for easy writing and reading from devices

by adding a layer of abstraction over the basic

communications. However it is not a complete

and decoding any standard type of array of data

checksum. uart.c contains the interrupts used to

elements using the convention described in

uart.h. The convention for sending data is to

append a start byte, the type of data, the

number of elements, an identifier, and a

usci\_a\_uart.c/ .h

send and receive bytes from the uart buffer.

TI provided drivers for the uart bus, contains

necessary setup, read, and write functions.

implementation because of a hardcoded

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