



VeriWiz Products

Most code is written in C. A very small amount of code is written in ARM7 assembly language to support task swaps, mutex locks and short interrupt handlers. The present target for the code base is the ARM7 LPC2xxx series from NXP.

Except for the float library, all code has been written in-house to guarantee accuracy and eliminate potential buffer overflows.

This code is released under a BSD type license. As long as the copyright notice is carried forward there are no restrictions on its use.

Realtime Code Base

The realtime code base includes a pre-emptive task scheduler, thread-safe implementations of malloc/free, linked lists, queues, printf, scanf, string lib and much more. More Info:

Uart Library

The uart library includes interrupt service routines, common uart task code and very compact code to implement multiple uarts using the common code. An example terminal program is included as well as a task monitor useful for debugging. More Info:

SSP and SPI Library

The SSP and SPI library includes tasks to interface to SSP and SPI hardware. It also includes tasks to utilize serial products from Linear Technology and Ramtron. More Info:

Float Library

The float library is a hack of the Linux newlib to provide some basic floating point operations. More Info:

Special Bundle Package