RTEMS Kick Start

The RTEMS Kick Start is a hands on seminar focused on taking you from nothing to having an installed RTEMS development environment and using those tools to build RTEMS and execute RTEMS applications. The day will start with installing the RTEMS cross-compilation toolset on your computer running a supported operating system. We will install toolsets for both a released RTEMS version as well as the RTEMS Development Version.

After installation of the development environments, we will configure, build, and install both a released and developmental version of RTEMS for multiple BSPs on multiple architectures. The choice of BSPs will depend upon attendees interests but usually includes a combination of SPARC, PowerPC, ARM, x86, and MIPS BSPs. Every session will include the use of at least one CPU simulator with Gaisler Research's TSIM for ERC32, LEON2 or LEON3 being an option.

Next, we will build multiple user applications using the previously built and installed RTEMS. These user applications will be chosen from the RTEMS sample tests and examples. Those applications will be used for an overview of the features in the GNU Debugger.

Depending upon attendee interest and time, the seminar sometimes includes the installation and configuration of a TFTP server which some boards use to fetch application images from.

Assumptions:

- Supported operated systems include Fedora, RedHat, CentOS, SUSE, Ubuntu, and Windows.

- We encourage attendees to bring their own computer. Instructions will be sent which include the setup of a GNU/Linux distribution on a MS-Windows hosted virtual machine. Please verify that your GNU/Linux installation is able to compile and execute a native C "hello world" program.

RTEMS

RTEMS Class Registration

Please fill out this form and email it to SalesAndInfo@OARcorp.com.

Student Information

Student Name: _____

Phone: _____ Email: _____

Company Name: _____

Address: _____
Street

_____
City   State   ZIP Code

For any additional students from the same company, please provide names and email addresses.

1. _____   3. _____

2. _____   4. _____

RTEMS Class Sessions

RTEMS Class Dates: _____

Class Attending	Cost	Quantity	Subtotals
Kick Start only	$1000	X	=
Open Class only	$3500	X	=
Kick Start & Open Class*	$4250	X	=
*Discount applied for attending both		Total:	

RTEMS Class Sessions

Payment must be made at the time of registration. OAR can accept credit cards, company checks, purchase orders, and electronic transfers. There is a 3.5% processing fee for all credit card payments. Upon receipt of this registration form, OAR will contact the person listed below for payment.

Contact Name: _____

Phone Number: _____

Email Address: _____