OAR Corporation

RTEMS Kick Start

October 1, 2018

OAR Corporation
Located in Cummings
Research Park

Huntsville, AL
USA

Registration Deadline:

September 17, 2018

Cost:

$1000 per student USD

A minimum of 3 total attendees is required to hold the class.

On-Line Applications Research (OAR) Corporation

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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 x86, SPARC, PowerPC, ARM, 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 samples or class 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 Enterprise Linux, SuSE as well as Microsoft Windows.

- Attendees may elect to provide their own computer with the operating systems already installed. Please verify that your GNU/Linux installation is able to compile and execute a native C "hello world" program.

- A GNU/Linux virtual machine is available for use by the attendees. The session starts with this the installation of the tools in this environment.

Please complete the form below and fax to +1-256-722-0985. Payment must be made at registration time. For purchase orders please call to make arrangements.

Name _____

Address _____

_____

_____

Phone _____

Method of Payment   ☐ Visa
                    ☐ MasterCard

☐ Check payable to OAR Corporation

Credit Card # _____ Exp. date _____

Name on Card _____ Signature _____

RTEMS Kick Start Registration

Additional Attendees

Name _____

Name _____

Name _____

Name _____

	Attendees	Price $1000 each*
	_____	
	Total:	_____

* $250 discount if also attending Open Class