



The Real-time and Embedded Systems Forum

October 25-26
2000

THE *Open* GROUP

Forum Overview

- ❑ Brings together leading vendors with corporate and government customers
- ❑ Advancing standards development based on real product solutions
- ❑ Working together with other Real-time standards bodies and industry consortia
- ❑ Establishing test tools and certification for real-time and embedded systems

Forum Members

- ❑ IBM Corporation
- ❑ FDS Embedded Systems Co. Ltd.
- ❑ Lineo Inc.
- ❑ The Mitre Corporation
- ❑ MontaVista Inc.
- ❑ NASA, Goddard Space Flight Center
- ❑ Sun Microsystems Inc
- ❑ The US Department of Defense , Defense Informations Systems Agency
- ❑ TimeSys Corporation
- ❑ VenturCom, Inc.

Forum Liaisons

- ❑ NCITS R1
- ❑ Society of Automotive Engineers, Inc
- ❑ The UDI Consortium
- ❑ IEEE PASC
- ❑ The Object Management Group
- ❑ The J-Consortium
- ❑ The US Department of Defense Open Systems Joint Task Force

Current Projects

- ❑ Testing and certification
 - The scope includes POSIX profiles, Real-time Java®, CORBA® and UDI
- ❑ API specification
 - New APIs
 - Linux RT extensions
- ❑ Security for real-time and embedded systems

This week's sessions

- Wednesday Plenary Day
 - Invited speakers
 - Panel discussion 16:00-17:30
- Thursday Working Group day
 - Plenary 9AM Potomac Lobby Level
 - Working sessions and briefings (9:30 on)
 - Three parallel tracks
 - Charleston I, II (Tracks 1 & 2)
 - Room 804 (Track 3)

Administrivia

- ❑ Meeting Materials
 - CDROM
 - Web site
- ❑ Signup Sheet
- ❑ Lunch is at 13:00
- ❑ Resume after lunch at 13:30
- ❑ Buses leave for the evening event at 18:30

Wednesday PM - Revised

Agenda

- ❑ 14:00 Real-time CORBA, Dock Allen
- ❑ 14:45 APIs for RT Distributed Applications over IP, Stan Schneider
- ❑ 15:30 Break
- ❑ 16:00 Real-time in Solaris, Jim Litchfield
- ❑ 16:45 Panel Discussion 2
- ❑ Closing

Thursday Working Group Sessions

- ❑ 9:00 Plenary Session: Potomac Lobby Level
- ❑ Working sessions and briefings (9:30 on)
- ❑ Parallel Sessions
 - Track 1 - Charleston II
 - Track 2 - Charleston I
 - Track 3 - Room 804
- ❑ The Potomac room is available for additional breakouts 9:30 am onwards

Thursday Agenda (Morning)

- Track 1:
 - New APIs (Gerhardt)
 - Linux/UNIX/POSIX API Interest Group (Yodaiken) (*may break out in parallel)
- Track 2:
 - Uniform Driver Interface (Barned)
 - Distributed Real-time Specification for Java (Jensen)
- Track 3
 - Security (Bowser/ Robert Allen)

Thursday Agenda (Afternoon)

- Track 1:
 - Certification Session (Logan, De Raeve)
- Track 2:
 - Microsoft Windows Interest Group
(O'Keefe)

Call for Papers for San Jose

- ❑ Week commencing Feb 5 2001
- ❑ Last call for papers
- ❑ <http://www.opengroup.org/rtforum/callforpapers.html>