

Real-time and Embedded Systems Forum Austin Agenda April 29 through May 1, 2003

**Tuesday April 29, 2003, 0900-1730 Hours
Open Architecture for Real-time and Embedded Systems**

- This session is a continuation of the OA for RT&ES working group efforts using the US Navy approach to Open Architecture for RT&ES Environments.

0900 - 0905	Introduction - LtCol Glen Logan (OSD/OSJTF).
0905-0945	OA Dynamic Resource Management Requirements. - Tony Samuel (US Navy NSWC)
0945-1030	The Ship is the Enterprise - Robert Bernstein (Lockheed Martin)
1030-1100	Break
1100-1145	Standards and Patterns for Resource Management - Dr. Lonnie Welch (Ohio University)
1145-1230	Fault Tolerant Real-time Corba in an OA - Thomas Bracewell (Raytheon)
1230-1400	Lunch
1400-1730	A Guided Discussion Covering the Various Tenets of an OA - Lt Col Glen Logan (OSD OSJTF)

Wednesday April 30, 2003, 0900-1730 Hours

- The morning session will cover an update on the revision to the IEEE POSIX 1003.13 Standard and several approaches to a Real-time Product Standard.
- The afternoon session – Security for Real-time will be a continuation of the work on the Partitioned Kernel MILS Protection Profile from a previous meeting (March 6, 2003)..
- The Security for RT session will meet **at two locations** with a telephone bridge providing the link. The second location is Salt Lake City (DoD Software Technical Conference).

Wednesday Morning April 30, 2003, 0900-1230 Hours Real-time Profiles and Certification

0900-0915	Introduction – Joe Bergmann (The Open Group)
0915-1000	IEEE POSIX 1003.13 Revision Update – Joe Gwinn (Raytheon)
1000-1030	The Open Group Process for Product Standards, Certification and Testing – Graham Bird (The Open Group)
1030-1100	Break
1100-1145	US Army OE – George Vinansky (US Army WSTAWG)
1145-1230	US Navy – TBD (NSWC)

Wednesday Afternoon April 30, 2003, 1400-1730 Hours (Austin) Salt Lake City, Location TBD 1300-1630 Hours Security for Real-time

- The Security for Real-time session will be a continuation of the work on the Partitioned Kernel MILS Protection Profile from a previous meeting (March 6, 2003).
- The Security for RT session will take place **at two locations** with a telephone bridge providing the link. The second location is Salt Lake City (DoD Software Technical Conference).

1400-1415	Introduction - Sam Bowser (Aerospace Corp)
1415-1445	Update Draft Protection Profile (PP) – Ben Calloni (Lockheed Martin)
1445-1545	Protection Profile for Balance of Real-time OS – Sam Bowser (Aerospace Corp)
1545-1645	Middleware PP for Extending Current Draft – Mark Van Fleet
1645-1730	The Way Ahead- Sam Bowser (Aerospace Corp)

Thursday May 1, 2003, 0900-1500 Hours

RT Java for Safety Critical Applications

- The SC RT Java session is looking to formalize a RT Java Expert Group for Safety Critical applications through the submission of a JSR to the JCP. This effort is being championed by Boeing et al. There will be a discussion on the required resources to accomplish this effort.

0900-0915	Introduction/Update - Robert Allen (Boeing)
0915-1000	The Open Group Decision Process – Joe Bergmann (The Open Group)
1000-1030	A Bit of Good News from a Performance Analysis of Jtime – Greg Bollela (Sun)
1030-1100	Break
1100-1130	Golden Gate Project: RTSJ on a Mars Rover – Kenny Meyer (JPL)
1130-1230	Proposed JSR for Safety Critical – Robert Allen (Boeing)
1230-1330	Lunch
1330-1500	Discussion going forward to include resource requirements – Dave Lounsbury (The Open Group)

PLEASE NOTE THE SAFETY/MISSION CRITICAL APPLICATIONS SESSION WHICH WAS SCHEDULE FOR THE AFTERNOON (1400-1730 Hours) OF MAY 1 HAS BEEN DELAYED TO THE JULY MEETING.