



Real-time and Embedded Systems

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Report RT Working Groups

- **RT Profiles & Certification --**
 - **Update from IEEE PASC –Application defined scheduling, Distributed RT Communications**
 - **Certification via the Web**
- **RT Java – commitment to develop two JSRs for submittal to the Java Community Process for approval.**
- **Security for RT --**
 - **Commitment to conduct additional work sessions to facilitate development of a generic Common Criteria RT Protection Profile**
 - **Additional need for domain specific Protection Profile**
- **Safety Critical –**
 - **White Paper to be posted on Web**
 - **Identification of 1) common tools to support Safety Critical Systems and preparation of artifacts**
- **RT Infrastructure Requirements –**
 - **Discussed infrastructure requirements for Pervasive Computing and Telematics**
 - **Reviewed requirement for tools to generate Infrastructure Requirements**
- **RT/QoS Challenge – Report from QoS Task Force**



Going Forward

- ❑ **Focus on the Boundaryless Information Flow**
- ❑ **Increase emphasis on membership**
- ❑ **Reduce number of Working Groups**
- ❑ **Verify RT Profiles for Certification**
- ❑ **Support RT/QoS Challenge**
- ❑ **Additional joint meetings with –**
 - **Security Forum (Protection Profiles)**
 - **MMF/DIF Joint (Directory Services for RT)**
 - **Enterprise Management Forum (Pegasus)**
 - **Architecture Forum (Real-time)**
- ❑ **Partner with other RT Groups (OMG, INCITS, SAE, etc)**