

Potential Work Items: Real-Time Java

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Potential work items related to “real-time Java”

- ❑ Bindings for
 - “real-time Java” (RTJ)
 - “distributed real-time Java” (DRTJ)
- to
- real-time CORBA 1.0 (fixed priority)
- real-time CORBA X.X (dynamic scheduling)
- ❑ Relationships between
 - Sun's Real-Time Specification for Java (RTSJ)
 - the J Consortium's Real-Time Core Extensions for the Java Platform (RTCEJP)

Bindings for RTJ/DRTJ to RT CORBA's

- At its meeting in June, OMG's Real-Time Platform SIG initiated an RFP for bindings of at least some RTJ's to at least some RTC's**
- The RFP scope is affected by DRTJ and RTC schedules**
 - Sun's Distributed Real-Time Specification for Java is just beginning and the first draft should be done by 6/01**
 - The RTC X.X revised draft proposal is expected to be presented to OMG in September**
- The draft RFP is supposed to be available for review by the PSIG on 8/15 so it can be on OMG's website by 9/15 in time to be on the agenda for the OMG September meeting**
- Probably there is no need for TOG RTF to initiate a work item on this topic**

Prospective work item: consider the two different “real-time Java’s”

- ❑ We have gone from no RTJ specs to two of them with quite different objectives and approaches**
 - it’s not obvious which situation is worse**
- ❑ Several companies have announced RTSJ-compliant products, but at this time it appears it will be a de facto standard**
- ❑ The J Consortium is submitting RTCEJP to ISO, but at this time no one has committed to even a reference implementation much less a product**
- ❑ Neither Sun nor the J Consortium has plans to consider**
 - co-existence**
 - interoperability**
 - reconciliation**