

CORBA for Embedded Systems

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Why CORBA for Embedded Systems?

- Client/server location transparency
 - Clients don't care where the server is
 - Inter-system and Inter-language interoperability
- Wide availability
 - CPUs, Oses
 - Multiple vendors, multiple products
- Common programming model
 - Object Oriented client/server



What is Different About Embedded Systems?

- Resource constraints
 - Memory
 - CPU
 - Bandwidth
- Limited user interface or strictly server
- Real-time response requirements
- Target systems
 - Embedded boards and CPUs
 - RTOSes
 - ROM, flash, etc.
 - Busses, "unusual comm devices"



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minimum CORBA specification

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CORBA is location transparent, client/server



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Real-Time CORBA specification



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Targeted products

Transports
Frameworks RFP



Following Presentations

- minimumCORBA Specification
- Real-Time CORBA Specification