

Obstacles to Implementing Jini on the Control Area Network (CAN)

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Objective: A run-time infrastructure on a real-time embedded network

Jini promises:

- Spontaneous networking
- Automatic reconfiguration
- Platform-independence

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CAN provides:

- Reliable data transmission
- Real-time guarantees

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Reliable, real-time run-time infrastructure for RoSES

Problem: Jini's design assumes TCP, which is incompatible with CAN

