E. Douglas Jensen's
Real-Time for the Real World

My personal manifesto about the widely misunderstood field of real-time computing...

Navigation

Introduction
About Me
Real-Time
Distributed Real-Time
Distrib. Real-Time Java
Real-Time Java
Real-Time CORBA
Real-Time Resources
Our Documents

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Timeliness Optimality

Examples of very popular timeliness optimality factors in real-time system sequencing criteria (these are widely used for both scheduling and dispatching) include

- "meet all deadlines"
- "meet all hard deadlines"
- "minimize the number of missed deadlines"
- "minimize total tardiness"
- "minimize mean tardiness."

If time/utility function time constraints are used, the timeliness optimality factor is usually in terms of accrued utility - e.g., "maximize the summed utilities."

[To be continued...]

References:

Next: Predictability

Back to: Sequencing Criteria

Add to Favorites

News

Real-Time

Real-Time Overview
Time Constraints
Deadlines
Time/Utility Functions
Time Constraints Scopes and Priorities
Sequencing
Sequencing Criteria
Sequencing Algorithms
Timeliness Optimality
Predictability
Worked Examples
Coastal Air Defense
AWACS Tracker

History

Print Page

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