Abstract

Distributed Real Time Systems operate in resource-constrained environments and are composed of tasks that must process events and provide soft real-time performance. The main function of a computing system is to provide services to its users. In order to perform its function, a computing system uses various resources such as processors, memory, communication channels, etc. Managing and scheduling these resources is an important function.

References

3. S. Baruah. 2007 Techniques for multiprocessor global schedulability analysis. In Proc of...
Schedulability Analysis for Multiresource Scheduling in Middleware for Distributed Real Time Systems

RTSS, pages 119–128.


8. J. C. Palencia and M. G. Harbour. 2008 Schedulability Analysis for Tasks with Static and Dynamic Offsets. In RTSS.


Index Terms

Computer Science

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Keywords

Schedulability analysis, real time system