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
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 Distributed Systems

**Keywords**

Schedulability analysis, real time system