Abstract

Innovative idea of distributing the tasks to their best processor to reduce the execution time of task by using various scheduling techniques is given in this paper. This paper presents hybrid scheduling techniques which provide better solution of scheduling task that means combination of different scheduling provides better performance without degrading the result quality. Scheduling algorithms such as MinMin+, MaxMin+ and Sufferage+ are suitable for overcomes the drawback of previously used scheduling methods such as MinMin, MaxMin and Sufferage as well as scheduling in this paper provides better complexity as compare to previous scheduling methods. This scheduling are also suitable for heterogeneous environment more effectively to execute different set of task on different processors with different configurations. To get better the show of the existing system we have to improve existing algorithm with the load balancing. So same load should overloaded to all processors. The future algorithm have
Scheduling Tasks in Heterogeneous System using Load Balancing Algorithm

implement with detailed pseudocodes.

References


Index Terms

Computer Science             Distributed
Keywords

Task Scheduling, MinMin, MaxMin, Sufferage, Standard Deviation, Load Balancing.