Comparative Study of Parallel Scheduling Algorithm for Parallel Job

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Abstract

Job scheduling is a technique which is applied on parallel computing systems, whose main focus is to measure the parameters of a system. For job scheduling menu algorithms are used in technical line such as priority based FCFS reservation, backfilling, improved round robin scheduling all are used to measure the parameters of a parallel computing. Since they all have some limitations and advantages to use all processors equally. This paper describes the various job scheduling algorithm such as priority based FCFS, PFCFS1, PFCFS2, PFCFS3 of static job scheduling algorithm.

References


2. Pallab Banerjee ,Propal Banerjee Shweta Sonali Dhal, performance evaluation of a new proposed average Mid Max Round Robin (AMMRR) scheduling algorithm with Round Robin
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11. Manish Kumar Mishra in An Improved Round Robin CPU Scheduling Algorithm Vol-3, No.6 2012.


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