

RESOURCE SCHEDULING METHOD, JOB PROCESSING METHOD, SCHEDULER, SYSTEM, AND RELATED DEVICE

ABSTRACT

A resource scheduling method, a job processing method, a scheduler, a system, and a related device are related, and relates to the field of computer technologies. The scheduler obtains a to-be-processed first job; determines, based on a computing power topology, a plurality of first processors from a plurality of processors included in a resource pool, where the computing power topology indicates computing powers of the plurality of processors, and a difference between computing powers of the plurality of first processors does not exceed a threshold; and schedules the plurality of first processors for the first job, where the first job is executed in parallel based on the plurality of first processors. The difference between the computing powers of the plurality of first processors scheduled for the first job does not exceed the threshold. Therefore, when the plurality of first processors execute the first job in parallel, moments at which the first processors reach a synchronization point when the first job is executed are close. This can reduce a waiting time for first processors with higher job execution efficiency, thereby avoiding prolonged waste of computing powers of these first processors.

FIG. 3