TASK SCHEDULING METHOD AND SYSTEM, AND STORAGE MEDIUM

说　明　书　摘　要

本说明书提供的任务调度方法、系统及存储介质，在对目标有向图中的多个任务进行调度时，基于任务之间的依赖关系，按照可执行时刻从早到晚的顺序依次对多个任务进行任务分配。在每一次任务分配中，将被分配的任务分配给预计最早能够执行完任务的机器。因此，本说明书提供的方法、系统和存储介质能够利用依赖任务之间的关联关系优化分配逻辑，整体上缩短多任务的完成时长。

According to the task scheduling method and system, and the storage medium provided in this specification, when a plurality of tasks in a target directed graph are scheduled, the plurality of tasks are sequentially allocated based on a dependency relationship between the tasks in an order of executable moments from early to late. In each time of task allocation, a to-be-allocated task is allocated to a machine that is expected to complete the task at the earliest time. Therefore, in the method, system, and storage medium provided in this specification, allocation logic can be optimized by using an associated relationship between dependent tasks, thereby shortening overall time for completing a plurality of tasks.

(FIG. 3)