

RESOURCE PROCESSING METHOD, OPERATING SYSTEM, AND DEVICE

ABSTRACT

Embodiments of the present invention provide a resource processing method, an operating system, and a device. The method is applied to a multi-core operating system, where the multi-core operating system includes a management operating system and multiple load operating systems that run on a host machine and includes a physical resource pool. The method includes: allocating, by the management operating system to each load operating system, a physical resource set exclusively used by each load operating system; constructing a startup mirror for each load operating system; setting, for each load operating system, a mapping relationship that is from a virtual memory address to a physical memory address and that is required for executing the startup mirror; determining, in processor cores allocated to a first load operating system, a startup processor core that starts up the first load operating system; instructing the startup processor core to read a mapping relationship that is from a virtual memory address to a physical memory address and that is required for executing a startup mirror of the first load operating system; and instructing the startup processor core to execute the startup mirror pre-constructed for the first load operating system.

Figure 2