

INTER-APPLICATION COMMUNICATION METHOD AND APPARATUS BASED ON VIRTUALIZED DEVICE, AND ELECTRONIC DEVICE

ABSTRACT

Embodiments of the present disclosure provide an inter-application communication method and apparatus based on a virtualized device, and an electronic device. The method includes: receiving a first event message sent by a first application running in an operating system of a host, where the first event message is used to request a second application running in an operating system of a compute card to perform a target function, and the operating system of the host communicates with the operating system of the compute card through a driver; processing the first event message through an event proxy to generate a second event message including an event file descriptor, where the event proxy is configured to implement bidirectional mapping between the event file descriptor and the driver; and sending the second event message to a virtualized device, to establish a communication channel between the first application and the second application, so that the second application performs the target function corresponding to the first event message. Code of the virtualized device does not need to be modified, thereby avoiding a risk of system stability caused by code modification.

FIG. 2