

ABSTRACT

This application provides a data processing method. The method is applied to a server, the server includes a first container and an Android driver (240), and a first service manager is deployed in the first container. The first service manager receives a request message of a first process, and then sends the request message to the Android driver (240). The Android driver (240) first determines a first inter-process communication IPC namespace based on a PID of the first service manager carried in the request message, and then determines a first Android namespace based on a pointer of a structure of the first IPC namespace. Then, control information in the request message is stored into a first private service linked list of the first Android namespace, and content information in the request message is stored into first private memory of the first Android namespace. In the technical solutions provided in this application, each container is allocated its respective private memory (2412, 2422, and 2432) and private service linked list (2411, 2421, and 2431), so as to avoid a problem in a conventional technology of data inconsistency and affected service processing caused by sharing of same memory by a plurality of containers.

FIGURE 2