FILE ACCESS METHODS AND APPARATUSES

ABSTRACT

A file access method is applied to a computing node for executing a computing task. A user-space file system that runs in user space is mounted on a system kernel of the computing node. A first process adaptation program is implemented in a first user-space process corresponding to the computing task. A second process adaptation program is implemented in a second user-space process corresponding to the user-space file system. The method includes: The first process adaptation program intercepts an access request of the first user-space process for the user-space file system; the first process adaptation program transmits the access request to the second process adaptation program in the user space, and the second process adaptation program submits the access request to the second user-space process; and the second process adaptation program intercepts an access result generated by performing access processing on the user-space file system by the second user-space process, and transmits the access result to the first process adaptation program in the user space, and the first process adaptation program submits the access result to the first user-space process.

FIG. 2