

METHODS AND APPARATUSES FOR CREATING TABLESPACE, STORAGE MEDIA, AND ELECTRONIC DEVICES

ABSTRACT

Methods and apparatuses for creating a tablespace, storage media, and electronic devices are disclosed. The method includes: receiving a tablespace creation instruction; determining, in a distributed database based on an identifier of a server carried in the creation instruction, the server corresponding to the identifier as a specified server; based on a capacity for creating a tablespace carried in the creation instruction and a remaining storage space of the specified server, determining a storage space whose total capacity is the capacity; creating a virtual file based on the determined storage space; and creating a tablespace including the virtual file. In this method, based on the remaining storage space of the specified server in the distributed database and the capacity of the tablespace that needs to be created, the virtual file is created based on the determined storage space whose total capacity is the capacity, so that a remaining storage space of each originally distributed specified server can be unified by using the virtual file, and the tablespace including the virtual file can be created, to implement a cross-server tablespace function in a share-nothing architecture.

FIG. 1