

METHOD FOR EXECUTING SMART CONTRACT, BLOCKCHAIN NODE, AND STORAGE MEDIUM

ABSTRACT OF THE DISCLOSURE

The present specification provides a method for executing a smart contract, a blockchain node, and a storage medium. An implementation of a method for executing a smart contract includes: receiving, by a blockchain node, a request for creating a smart contract, the request including a bytecode of the smart contract; starting, by the blockchain node after completing deployment of the smart contract, to compile the bytecode of the smart contract into a machine code by using ahead of time and storing the machine code; and during execution of the deployed smart contract, executing, by the blockchain node, the machine code of the smart contract in response to the machine code being locally stored. According to the above implementations of the present application, the blockchain node can greatly increase a speed of executing a smart contract, and reduce storage overheads on the blockchain node.

Fig. 6