

METHODS AND APPARATUSES FOR GENERATING SMART CONTRACT TEST CASE

ABSTRACT

Embodiments of the present specification provide a method and an apparatus for
5 generating a smart contract test case. The method includes the following: At least one
to-be-mutated structured parameter is selected from a current test case, and it is
ensured that the selected to-be-mutated structured parameter can be identified by at
least one interface of a to-be-tested smart contract; for each to-be-mutated structured
parameter, a parameter structure corresponding to the to-be-mutated structured
10 parameter is obtained; for each to-be-mutated structured parameter, the to-be-mutated
structured parameter is mutated based on the parameter structure corresponding to the
to-be-mutated structured parameter, to obtain a mutated structured parameter; and a
test case including each mutated structured parameter is generated and used as a test
case input to the to-be-tested smart contract.

FIG. 1