SYMBOLIC WHITE BOX MODEL-BASED TESTING

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SYMBOLOIC WHITE-BOX MODEL-BASED TESTING

SYMBOLIC EXECUTION OF SUT WITH TRACES (SCENARIOS) GENERATION

SYMBOLIC EXECUTION (CHECKING FOR CONFORMANCE WITH MODEL)

BACKWARD TESTING

TESTING

SYSTEM UNDER TESTING

REQUIREMENTS

FORMALIZATION

Test Verdict

Traces (Scenarios of System Behavior)

SYSTEM UNDER TESTING

FORMALIZED MODEL

Traces (Scenarios of System Behavior)
SYMBOLIC WHITE-BOX MODEL-BASED TESTING

1. Formalization: Use Case Maps and Basic Protocol Specifications

2. Presentation of Code as Live UCM Specification

3. Symbolic Execution of Code Presented as Live UCM Specifications

4. Backward Testing

User Conference on Advanced Automated Testing