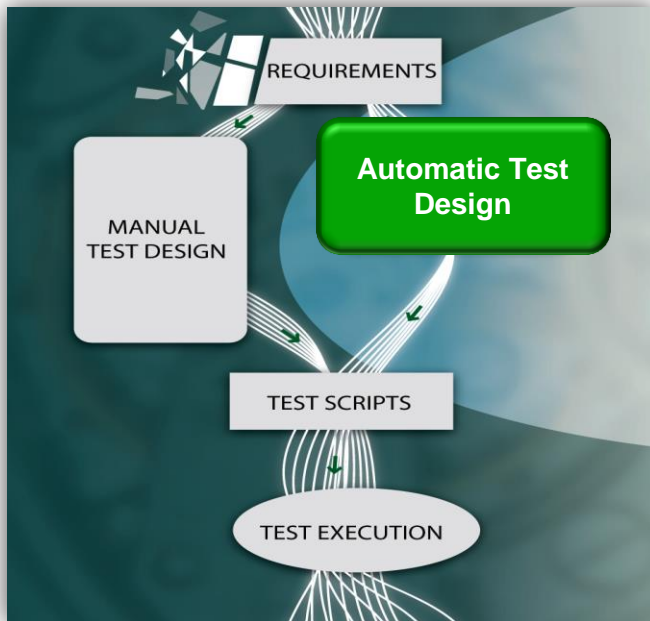


Creator

AUTOMATIC TEST DESIGN SOFTWARE

How can you reduce testing costs and time while improving test coverage?

Model Based Testing (MBT) addresses the growing demands on test design. Testing is more than just test cases; it also involves integration with the systems development lifecycle (SDLC) process. The most advanced approach models the behavior of the system under test from requirements and then with user selected test design heuristics fully automatically generates the optimized number of test cases, documentation, and executable scripts.



Conformiq Creator replaces manual test design and creation with a unique fully automated process

Conformiq Creator™ is the most completely automated test design tool, making it the most technically capable MBT tool for functional black-box test design of enterprise and IT applications, including web services, user interfaces, middleware, and end-to-end systems.

Automatic Test Design is 2 to 20 times faster than manual script design and ROI can be as high as 400%

Creator is proven to deliver optimal results for enterprise applications for industries including:

- Banking, financial services, and Insurance
- eCommerce and retail
- Manufacturing and utilities
- Medical and other regulated industries

Higher Test Quality:

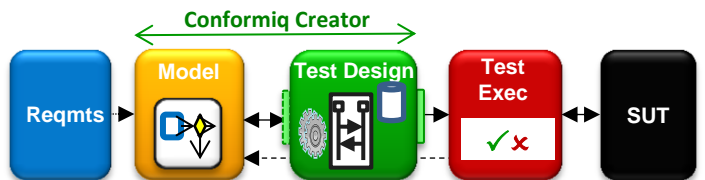
Conformiq Creator achieves higher quality through better and more comprehensive test coverage. It graphically highlights model coverage eliminating the risk of missing test cases. Users are prompted to aid in correct modeling.

Better Test Coverage:

Conformiq Creator has user controls to generate many types of functional test coverage. It also documents what has been tested by which test cases and why, and all test steps with the data used. Every model change generates a new impact analysis report with which tests to drop.

Faster Test Design:

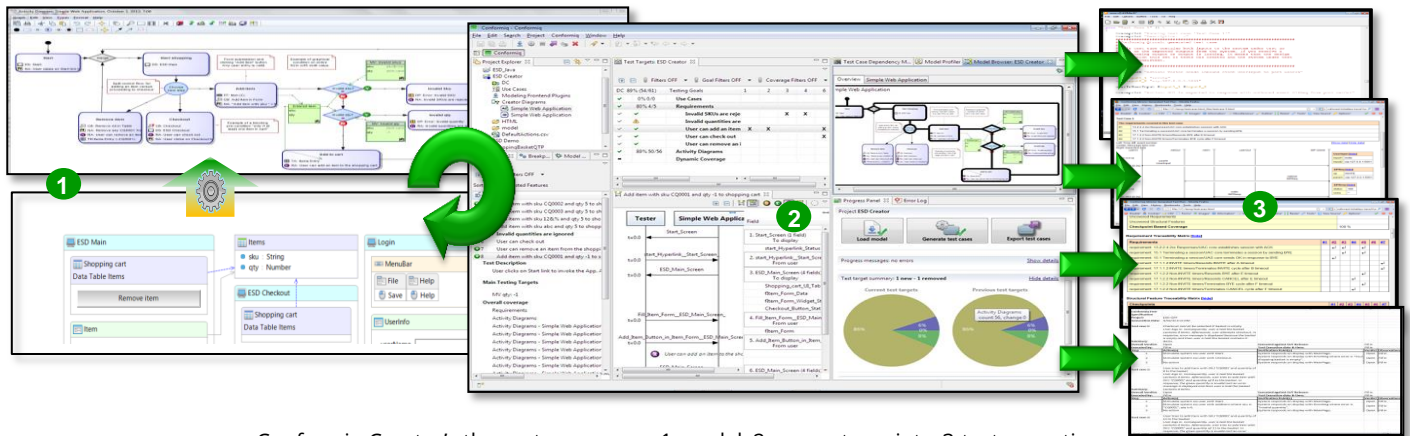
Graphical model creation is much faster than manual test script design and creation for comprehensive testing. It also improves communication between design and test teams to identify specification ambiguities, omissions, and errors before implementation mistakes are made. This iterative process fully supports continuous integration within the user's SDLC tools ecosystem.



MODEL - GENERATE SCRIPTS - EXECUTE TESTS

Improved Test Execution and Maintenance:

Executable test scripts are generated in parallel with development eliminating test automation backlog. With every design change, only the then-current test cases are generated, eliminating unnecessary regression tests.



Conformiq Creator's three-step process: 1-model, 2-generate scripts, 3-test execution

CREATOR ELIMINATES

- Manually designing and maintaining test cases
- Manually writing executable test scripts
- Manually determining correct test results
- Manually maintaining requirement traceability
- Manually writing and updating test documentation
- Manually managing test automation backlog
- Manually transferring information between SDLC tools

Do comprehensive testing at the speed of development

AUTOMATIC TEST DESIGN

Conformiq Creator does not execute tests but tightly integrates with users existing SDLC tools and test frameworks. Creator follows a three-step process:

1 Model Capture:

Conformiq Creator enables the creation or import of requirement based graphical models without programming. Users create flow and structure diagrams of the system. **Reusable assets** including BPMN diagrams in Visio, ARIS, RSA, and others, plus XSD and WSDL structures, and QTP and Selenium tests and data object repositories can be imported. Creator

interfaces with requirements and test management tools including those from CA Rally, Hewlett Packard, IBM, and Microsoft.

2 Fully Automatic Test Generation:

Twelve test design algorithms are available singularly or in combination to automatically generate an optimized minimum number of test cases that fully cover user requirements. A model browser automatically detects problems and controls user selection of requirements to be tested. The Creator test design engine uses multi-core processing when scalability is needed to quickly generate executable test scripts, test input data, test case names, and test step documentation in any language and automatically generates traceability, message sequence charts, and graphical test coverage.

3 Integration and Execution:

Executable source code test scripts are automatically generated in any language and format enabling seamless integration with users test execution frameworks. Creator also generates a pre-defined Excel mapping file to link scripts with test framework libraries. When the model's generated test data changes based on design changes, the mapping remains unchanged. Project stakeholders can review generated Excel, HTML, and XML formatted reports.

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