

Test Harness XANTest Commander

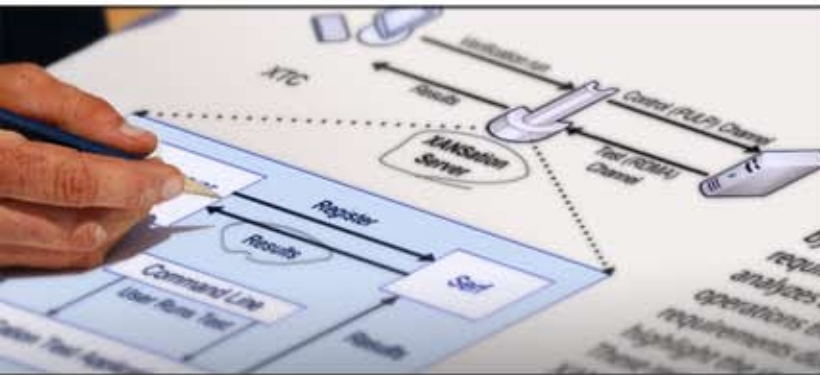


A new standard for compliance testing

- ☐ Customized test runs without scripting
- ☐ Test results displayed in an information rich environment
- ☐ Automated regression testing
- ☐ Precise communication of results

Customized Test Runs

XTC's GUI is a powerful test tool that gives the QA engineer complete control to create customized test runs.



Compliance testing can be structured for:

- ☐ A complete test run
- ☐ A single conformance item
- ☐ The grouping of one or more device features
- ☐ Positive and negative testing

Test runs can be structured and executed to test a single feature or group of features. Verification runs can be structured by a logical grouping of conformance items. With this feature, engineers avoid the unnecessary complexity of data since they are not restricted to running individual tests from a command line.

Result logs are saved in an easy to read XML document that can be easily imported or parsed into other applications for review.

XTC contains an information-rich environment, which allows an engineer to easily understand the reasons for a fail condition. This promotes effective communication from QA to development on the state of a product or individual feature of a product.

Information Rich Results

The QA engineer does not need to be a domain expert to effectively and thoroughly test a new product. XTC's GUI displays the test results in an information rich environment and with a click of the mouse the user can find out:

- ☐ What is failing?
A test summary is provided that contains a color-coded list of executed conformance items along with their results (Pass/Fail/Error). The user has a sort/find feature for quick identification of results.
- ☐ Why is it failing?
A step-by-step description of the test process is alongside the results so user can view the test sequence up to where the failure occurred and the reasons why that item failed.
- ☐ How is it tested?
A direct link from the results log opens the test document. Developer notes are also included so user can understand the thought process behind the test as well as the expected behavior.
- ☐ What is the correct behavior?
Each tested item contains a link to the exact location in the specification which describes the correct behavior.

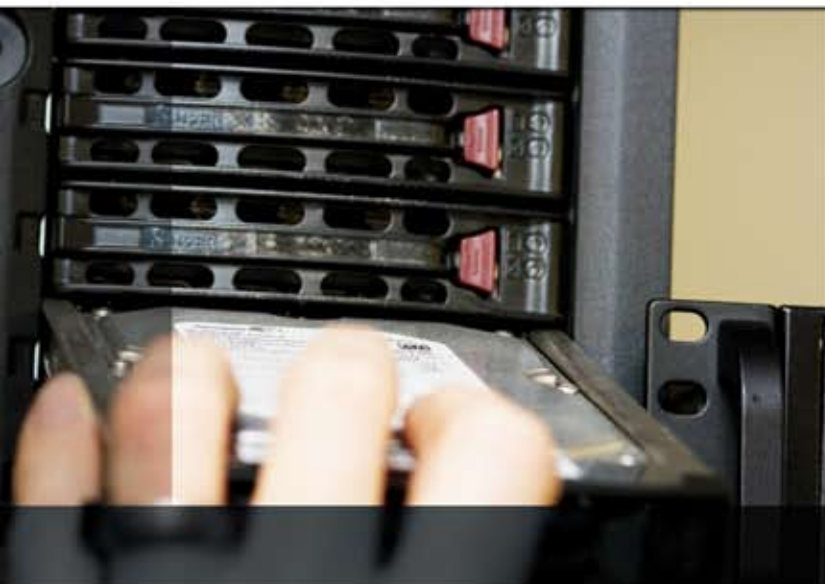
XTC's customized tests,
detailed results,
and simplified regression
testing equals more
efficiency

Precise Communication

XTC facilitates precise communication between QA and development teams. XTC helps solve the common miscommunication of bugs found from QA to development. Development engineers can reproduce the failure exactly how QA engineers discovered the failures through the rich result logs.

- ☐ Developers can reproduce errors from the result logs
- ☐ Highlights the nature of test failures so failures can be quickly isolated and communicated
- ☐ Isolated test failures allow reproduction of the error in the same environment.

The information-rich environment is stored in the result log to accelerate bug identification and the bug fixing cycle.



Ease of Regression Testing

XTC is designed using client server model. This facilitates sharing of critical resources and remote administration. Results that are saved contain a setup process of the established environment. Saved results can later be re-executed for regression testing.

- ☐ Automated testing for unattended operation
- ☐ Sharing results is easy because XTC is based on the client-server model
- ☐ Test results are saved in a central repository which facilitates organization and history of test runs.

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XANTest Commander

A better way to do compliance testing