

ScriptTech

TMX: Innovative Software for Keyword Driven Creation & Management of Automated Test Libraries

You would think that with so many businesses relying on software and web sites these days that you wouldn't hear:

"Sorry, our system is down, please try again later."

You would think that companies whose very existence depends on their software running correctly would test it thoroughly.

You would think.....

It turns out that testing software is an increasingly difficult problem. Software is getting more complex and changing at a faster pace.

These factors make it imperative to apply automated software testing technology to development and implementation.

The state of automated testing has improved - but has not kept pace with the increasing need to manage and maintain large test libraries...until now.

ScriptTech provides the tools and services that build and integrate automated testing to meet today's requirements of "internet speed" development.

Keywords seem to be the latest thing to hit automated software testing. But at **ScriptTech** we've used the keyword concept all along in our next generation test automation tool - TMX. Now the industry has finally caught on!

With our innovative point and click interface, your business and test analysts can create complete executable scripts for your automation project directly – without becoming programmers.

The combination of TMX and powerful test automation tools like TestPartner®, WinRunner®, or SilkTest® allows your QA team to meet critical time-to-market with fewer defects at lower cost.

With TMX you can take advantage of "keywords" and more! Sitting on top of your existing automation tool (such as Mercury's WinRunner®, CompuWare's TestPartner®, or Segue's SilkTest®), TMX will simplify the manual processes associated with the creation, running, and execution of web-base or client-server application testing.

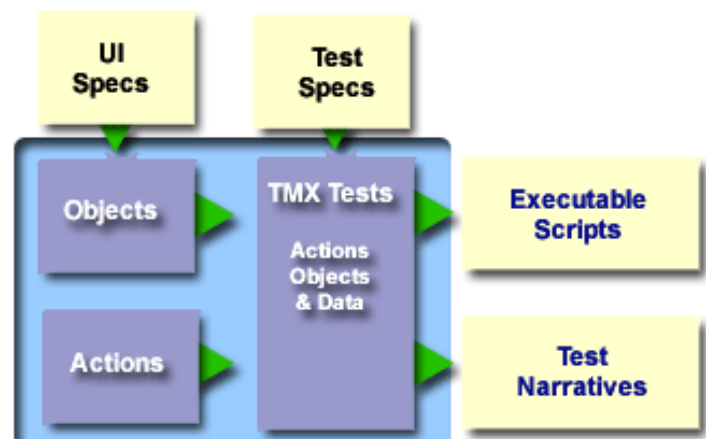


TMX automatically generates a version of the test case in Standard English as well as the fully executable script in WinRunner®, TestPartner® or SilkTest® or other similar applications. With its simple and intuitive design, TMX allows your business and QA analysts to generate executable scripts without expensive and time consuming training – in parallel with development.

You don't have to wait for the code to begin automation with TMX.

TMX Key Features & Benefits:

- Generates WinRunner®, TestPartner® and SilkTest® executable scripts
- Powerful interface with Direct-To-Test requirements modeling and automated test design
- Reduce the number of skilled testers required by as much as 85%
- Designed for the Business Analyst skill set
- Tests fast enough to allow for daily software releases rather than weekly or monthly



- Minimize time-to-market for software products
- Allows for the maintenance of an automated regression library by as few as one person
- Store and maintain scripts in a common database
- Generate thousands of executable scripts at touch of a button
- Generate UI Object Definitions and Maps directly from requirements
- Innovative and easy to learn scripting interface
- Create all of your automated test scripts before application code is available
- Modify and regenerate all of your test scripts easily & globally
- Dramatically increase the effectiveness of your QA team
- React quickly and accurately to application requirement changes
- Free evaluation download from www.scripttech.com
- TMX Database Functionality drastically reduces effort require to maintain scripts
- Change Impact Analysis pinpoints tests affected by changes in the application
- Automatic global script updates
- Multi-user Databases
- Tests can be automated and maintained by non-technical persons untrained in technical automation tools, and with only a few hours of training in TMX
- TMX allows generation of automated tests in parallel with the engineering process, before code delivery for web applications.

TMX Architecture

TMX sits on top of an existing test regression tool (Compuware's TestPartner, Mercury's WinRunner and Segue's Silk Test are currently supported). TMX automates and simplifies most of the manual processes associated with creating, running, and executing tests of a web based and client server applications. The software reads in the objects that make up the application (e.g., radio buttons, entry fields, etc.) and builds an "Object Tree" that contains all the elements that need to be tested. A business user (as opposed to a trained testing analyst) defines what scenarios they wish to test then uses the TMX "Point & Click" interface to create the sequence of steps needed to complete the test cases and scenarios. Then TMX automatically generates executable test scripts. Once this process is complete, a regression library is available that can easily be rerun. Also, any changes to objects used by the application can be added to the TMX Object Tree with minimal additional effort. When the changes to the application are identified in the Object Tree, TMX identifies the tests requiring maintenance and regeneration. This means that tests can be repaired before the new application version is built. Without TMX the manpower costs and operational delays associated with avoidable problems cause a direct increase in the time to market for application changes. ScriptTech supplies services to implement TMX, train your test analysts, engineers and experienced consultants to script and run your test plan.

