

ADVANCED TESTING AUTOMATION TOOL

As Data Integration tools have matured and quality expectations have increased in recent years, project costs have shifted from design and development to testing. Today it is imperative that iterative new releases integrate with mature production environments without negatively affecting them.

Insufficient testing results in extra production maintenance cost and impacts to users and existing business processes. However, the investment necessary to implement a comprehensive testing solution can be prohibitive.

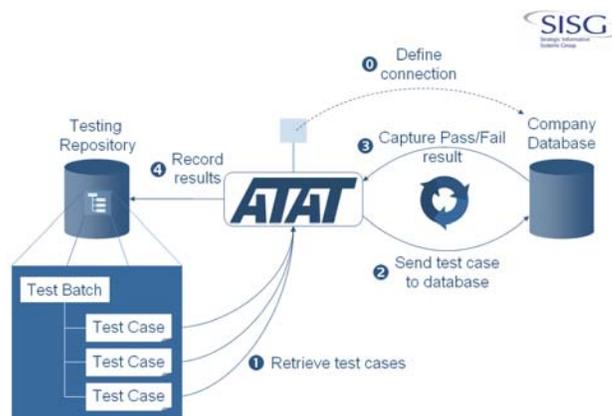
The solution is to use an automated testing application that builds progressively as new application features are implemented. Each enhancement adds new test conditions to the overall testing system ensuring that the upgraded application works as per the specifications, works in the testing environment, and does not negatively affect the production environment.

WHAT SISG CAN DO FOR YOU

SISG's Advanced Testing Automation Tool (ATAT) can help you control overall testing costs by providing great reductions in time and effort for your testing activities. As its automation provides increased productivity for your team, the result is higher quality for your final product.

ATAT is designed to accommodate the needs of system, integration and regression testing with ease, making it a valuable asset for your essential testing activities.

Its easy installation and configuration makes it capable of accommodating multiple concurrent environments. You can re-point your test cases to a new environment by changing the connection information in a single location. Its versatility and ease of use makes it flexible enough to meet all your testing needs.



CLIENT BENEFITS



The ATAT application improves the overall quality of your data intensive applications by streamlining regression testing. It now becomes easier than ever to ensure that new applications are completed error free and that

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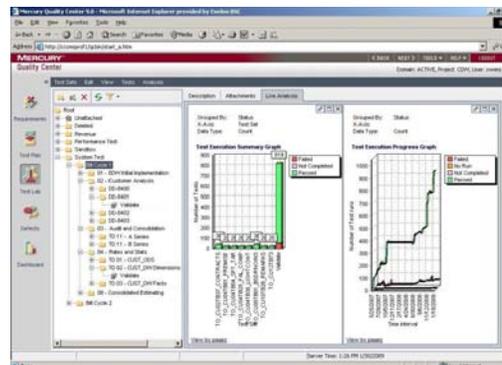
they will not negatively impact your production environment.

ATAT makes use of standard technologies to facilitate its adoption and training throughout the organization. While providing a structured framework upon which to build, it allows the test analyst to create the test cases with total flexibility. ATAT has no restrictions on the SQL testing case that is executed although it provides a set of best practices to help you leverage the capabilities of the tool.

ATAT's automation capability helps to reduce hands on work especially for results verification tasks. The application is able to pinpoint the divergences between the expected and the actual results for the test analyst, reducing the time necessary to locate the source of the problem. It also helps the communication between testing and development teams by keeping a record of the executed conditions and results within the tool.

ATAT is a valuable tool for management as well, by providing a repeatable testing process which helps reliable estimation and planning. Its standard testing activities allow accurate forecast of the effort required to prepare the testing solution while its automation avails the team for results analysis during test execution.

ATAT's recommended testing practices and test case structure facilitates repeatability among different projects and teams so testing solutions are consistent throughout the company. Training programs are standardized as well for development, testing and support personnel, helping with inter-team communication and resource management.



ATAT eases collection of test results by leveraging the features of the testing platform and centralizing result tracking in a single location. Business approvals and regulatory compliance (like SOX) are expedited by enabling the rapid compilation of comprehensive test results.

ATAT is the optimal solution to increase the productivity of development and testing teams, ensure that key environments are kept in synch, and reduce the risk of adding new applications to the existing production environments. Its automated regression testing capabilities identify unforeseen impacts that new applications would have on current production environments, improving quality and decreasing overall cost.

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