



How to reduce time-to-market for products?

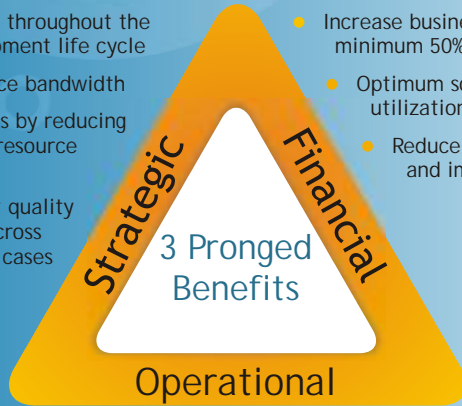
How to cost effectively enhance quality of delivery?

How to increase effectiveness of the test automation setup?

Tangled ...

Simplifying Test Automation

- Test automation throughout the product development life cycle
- Optimize resource bandwidth
- De-risk deliveries by reducing dependence on resource capital
- Improve product quality with analytics across large set of test cases and data



- Increase business profitability by minimum 50% in 3 months
- Optimum software license utilization
- Reduce cost of ownership and implementation

- Reduce dependence on test automation experts
- Rapidly deploy test automation suite
- Increase reusability of test assets



QUALITIA™ - Revolutionizing Traditional Ways of Test Automation

The advent of the test automation has brought about a paradigm shift in today's software testing industry. But it has also brought forth some tall challenges. Availability of highly competent resources to work with automation, costs associated with training and maintaining such resources, increased gap between domain experts and technology, limitations posed by record/playback & script-based testing methods are some of the

proliferating challenges. In today's competitive world, time-to-market is imperative. Maturity of current test automation practices shackle an enterprise from continuously improving product quality and reducing time-to-market, and are therefore definitely not deriving the expected ROI.

We at ZenSOFT, with our extensive experience in software quality and test automation, are committed to accelerate growth for our customers. Qualitia™ aims to revolutionize the core test automation function and empowers an enterprise to produce superior products with a much shorter time-to-market at an optimized investment.

Bridging the Gap between Technical Competency and Domain Brilliance



The conventional approach to test automation demands an automation expert to own comprehensive domain as well as test automation tool knowledge to effectively execute automation tests. Whereas SMEs/manual test engineers, who are closest to the test processes and the product under testing, are not optimally tapped due to the lack of technical know-how of the complex automation tools. In the face of the dilemma of whom to choose from 'technically-adept-but-domain-agnostic' and 'domain-maven-but-technically-challenged' resources, enterprises

condone the deep impact of how near real life tests can result in impeccable products. In the bargain, enterprises bear heavy investments and also put deliveries at risk.

Qualitia™ which sits as a layer between test engineer and test automation tools takes the test automation practices to the next level. With Qualitia™ the enterprise can now:

- Have SMEs/manual test engineers leverage Qualitia's own 4th generation language to develop

code-free test cases

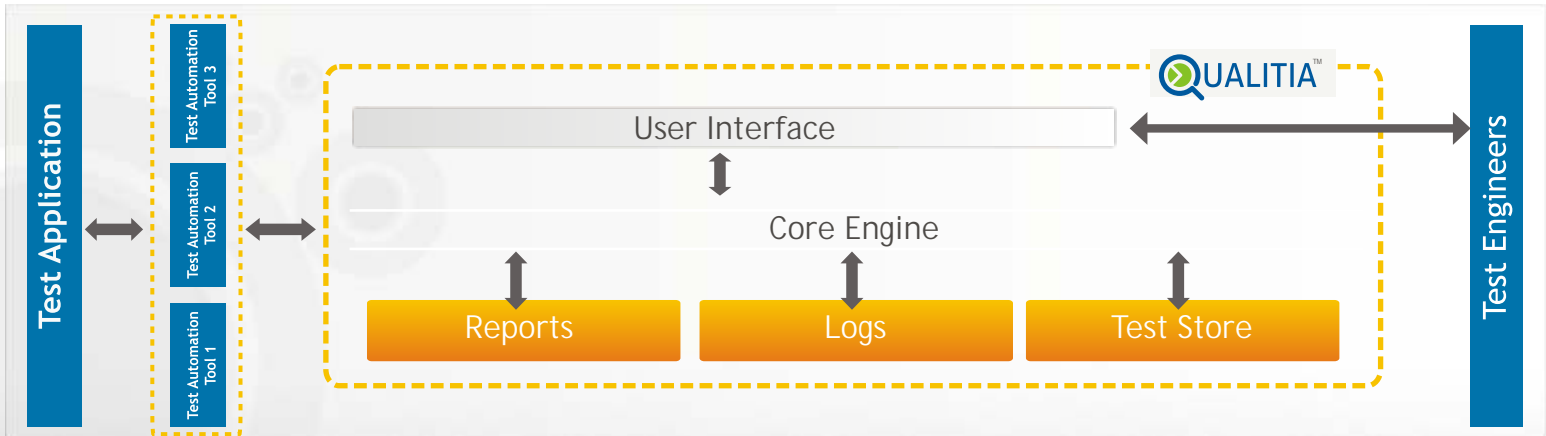
- Shrink time-to-enablement for test engineers
- Achieve structured repository of test cases through Qualitia's own datastore
- Optimize resource availability across all projects
- Enhance product quality through Qualitia's exhaustive list of reports that develops comprehensive intelligence for analysis as Qualitia™ drills down through test runs to diagnose errors all the way down to a single test step

Test automation tool independence throughout the testing life cycle



Defining and Managing Test Cases

- Common test case management framework encourages best practices
- Automation tool independent vocabulary - intuitive and quick to learn
- The created test cases can be managed and executed as suites and scenarios
- Test scenarios can be used as 'case based' on which test cases are categorized as part of manual test process
- During test case execution failure reports and logs are generated to help identifying the exact cause of the failure





Technology

- Qualitia™ is a .NET based thick client application
- Seamless Integration with market leading test automation tools like Rational Functional Tester, HP Functional Tester(QTP)
- Generates XML based HTML reports

4th generation language to
develop code-free test automation



Reporting & Analysis

- Generates detailed customized HTML reports showing history of execution
- Captures screenshots at time of error occurrence to facilitate technical diagnosis of errors
- Reports can be exported to an excel file for easy viewing by anyone
- Different types of reports that can be generated : -
 - Summary report (build wise defect report, iteration wise defect report, suite wise defect report, etc.)
 - Development report (user wise test case development report, user wise task development report, etc.)
 - Test execution report
- Supports three category of logs
 - Debug logs provide technical flow to debug and analyze script issues
 - Error logs provide script failure related error details
 - Information logs provide application workflow logs to identify application defect

Fully loaded easy to use graphical user interface to access the functionalities including building test cases, execution, error reporting & diagnosis, and reporting & analysis

About ZenSOFT

ZenSOFT is a team of consultants in the field of Software Testing, Software Change & Configuration Management and Enterprise Systems Management. At ZenSOFT, our vision is to be the trusted value partner for companies across the globe and through continuous business process excellence we strive to provide better and efficient services to our customers. Our endeavor is to help our customers deliver unsurpassed products and services to their clients and ultimately, maximize their core business. Please visit www.zensoftservices.com to know more about us.

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