

GlobalLogic Test Automation Framework Accelerator

A hybrid framework that enables continuous automation testing for web, mobile, and desktop apps



Expedite test automation & improve efficiencies

The GlobalLogic Test Automation Framework (GTAF) is a full-stack, cross-platform, all-in-one framework that automates software functional testing for APIs and web / mobile / desktop apps. It enables testers to create a single automated test for multiple browsers, devices, and environments – accelerating timelines and reducing regression efforts by up to 70%.



Accelerate Time-to-Market

GTAF accelerates test script creation, maintenance, and execution by utilizing reusable components. It also accelerates development & testing efforts by running parallel tests on multiple platforms and environments.



Support Multiple Projects

Our customizable framework is 100% built on open source technologies and can support various types of testing. Its modular, scalable architecture also enables it to support multiple projects.



Integrate Seamlessly

The Java-based framework can integrate with other IDE, as well as with existing test management tools and CI/CD tool stacks. It can support multi-tenancy environments and open source libraries, tools, and frameworks.



Ensure Test Stability

GTAF leverages best practices in Agile testing, continuous integration, and test-driven development to expedite automated testing efficiencies across the value chain without impacting product quality.



Deliver Better ROI

GTAF can help businesses increase development efficiency by up to 40% and reduce test execution efforts by 60-70%. The framework enables businesses to lower maintenance costs, improve test accuracy, and reduce risks.



Increase Team Adoption

The framework is exceptionally user-friendly. Users can track testing results in real-time and notify stakeholders with detailed reports. All testing data is consolidated into a single, easy-to-read dashboard.

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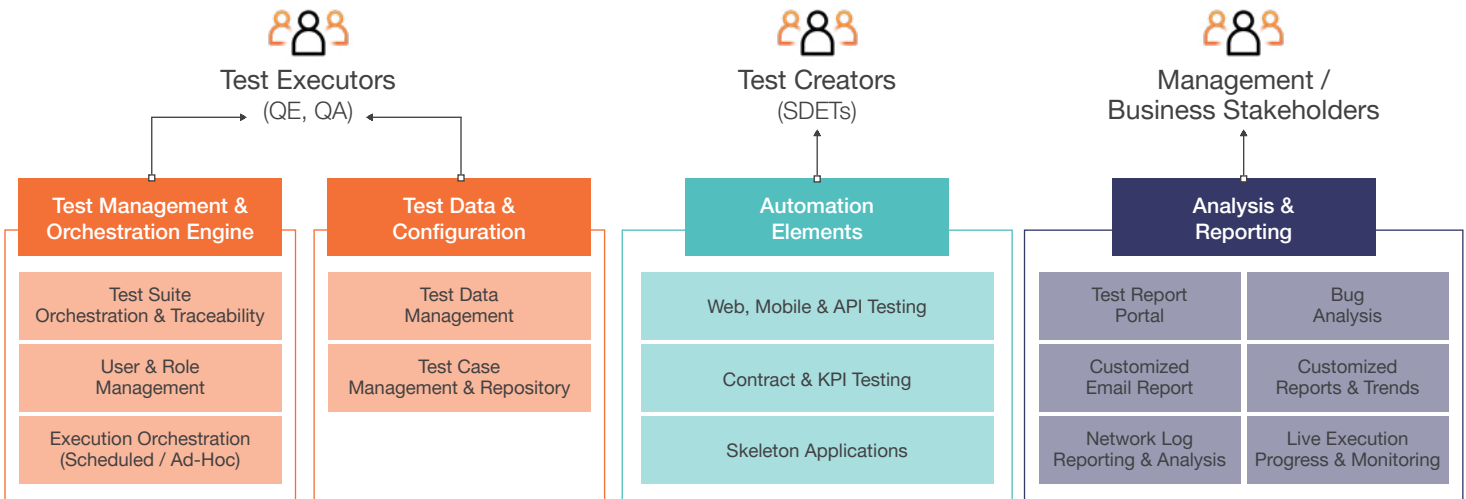
**Build stable,
scalable,
maintainable,
automated tests**

Core Features

- Support virtualization with Docker integration & Jenkins CI/CD pipeline
- Schedule unattended executions & nightly regression runs
- Easily maintain test data for executing test scripts
- Simplify debugging to identify root cause for failures
- Execute tests via GUI or command line

Rich Dashboard

- Page Object Design Model for easy-to-read interfaces
- Graphical views & filtering for quick view and search
- Detailed, dynamic reporting capabilities for all platforms
- Email notifications & user management capabilities



<p>Core Framework</p> <ul style="list-style-type: none"> Java SDK Maven Selenium Appium REST Assured Extend Report Spring Boot 	<p>Infrastructure & Environments</p> <ul style="list-style-type: none"> Virtual Servers Docker Containers Local Virtual Machines 	<p>UI Dashboard</p> <ul style="list-style-type: none"> Angular Node Microsoft Visual Studio Code 	<p>Storage & Database</p> <ul style="list-style-type: none"> MongoDB Robo 3T File System Storage 	<p>CI/CD & Deployment</p> <ul style="list-style-type: none"> Jenkins IntelliJ IDEA Git 	<p>Specialized Services</p> <ul style="list-style-type: none"> Device Detection & Status Service Test Case Data Service
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