

AgileTesting Framework



Agile Testing Framework (ATF)

Automation testing reduces time to market, while improving the quality of the product. ATF allows your organization to install a .Net or Java version of ATF and immediately start developing automated tests, on your xUnit Framework (TestNG, JUnit, NUnit, MSTest). ATF supports Selenium/WebDriver, Sikuli, White, SQL and BDD Tools (Cucumber, SpecFlow, JBehave); as well as integrating with industry best CI, Agile and reporting tools.

ATF Testing Types

- **Functional Testing** - Web and Windows testing with Selenium/WebDriver, White and Sikuli.
- **Backend Testing** - Traditional SQL testing using JDBC connection
- **Services Testing** - Fully automated SoapUI, REST and WCF Service Testing.
- **Mobile Testing** - IOS Driver, Selendroid, Appium and Sikuli
- **Performance Testing** – JMeter, JConsole, BlazeMeter, HAR, netExport and Selenium
- **Web Consistency Testing** – Galen
- **Web Accessibility Testing** – Selenium and WAVE
- **Security Testing** - Xelenium

ATF Tool Integration

- CI Integration – Jenkins, Hudson, Bamboo and TFS
- Agile Tools – TeamForge, Jira, Rally and TFS
- Quality and Technical Debt Reporting - SonarQube
- Implementation Tool Integration – Maven, Nexus and GIT
- Test Management - TestLink



We guarantee to:

- Implement ATF within 2 weeks of having access to your environments.
- Provide best practices to operate and scale your ATF through honest feedback and empirical evidence.
- Show you how to improve the way you code, test and deploy your software.

Key Benefits

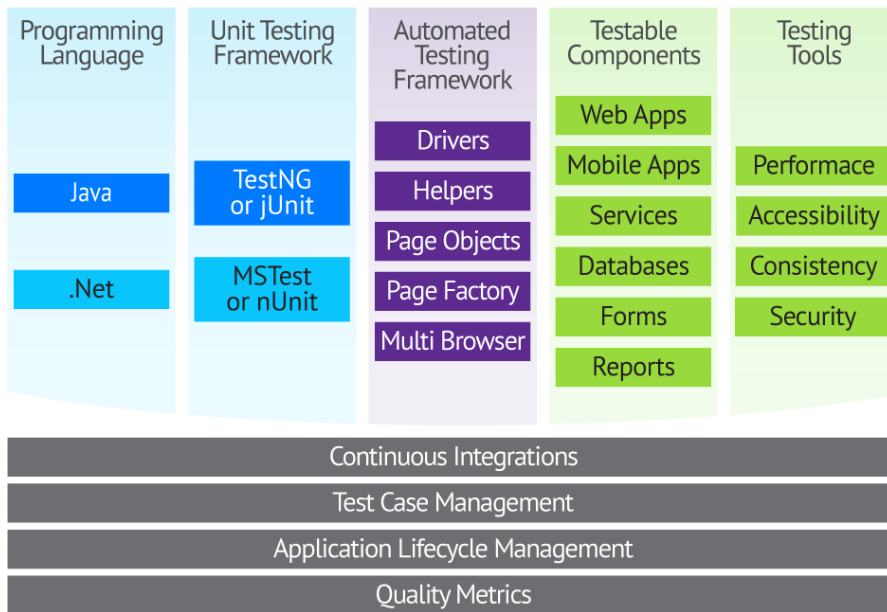
Faster Time to Market

- Framework supports parallel test case runs
- Execution tracking, defect logging and tracking from TestLink (Open Source Test Case Management tool)
- Ability for cross browser testing against a vast combination of browsers / OS
- Automated testing of mobile web, native and hybrid applications
- Training available for beginner to advanced level automated testers
- Framework allows users to create and perform functional, acceptance and compatibility testing for most web applications

Lower Cost

- Not a "Record and Play tool", which over time creates extensive maintenance cost
- Flexible and extensible automation framework built to test web, reports & forms, services, database, unit and mobile applications
- Designed and built on industry leading open source tools, libraries, frameworks and API's to reduce overall costs for customers
- Use of Page Object methodology lowers maintenance cost
- Selenium Page Object/Loadable Components support reusable objects
- Framework available in Java or .Net for faster ramp up time

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Simple to maintain, integrate and extend

- Integration with the leading ALM tools, TeamForge, Rally, Jira and TFS
- Use of Behavior Driven Development (BDD) tool facilitates better communication between various stakeholders
- Integration with the leading IDE's for automation development
- Test execution as part of the Continuous Integration process, with the industry leading CI tools
- Integration with SonarQube to show test/quality/technical debt metrics to stakeholders
- Support for UI automation with Sikuli or White
- Cross browser test execution available through Sauce Labs, BrowserStack or Selenium Grid
- Mobile web application testing on Android or IOS devices
- Built in Data Drivers to support XML, Excel, or Database data driven testing

Technology details

- Open source framework, API's and tools include: Selenium/WebDriver TestNG, JUnit, NUnit and MSTest
- Browser support includes: Firefox, Internet Explorer, Google Chrome, Safari, Opera and HTMLUnitDriver.
- OS support includes: Windows, Linux, GNU, MAC, Mobile (Android or IOS)

Who We Are

We are Agile coaches and software engineers, who specialize in coaching organizations through the process of adopting Agile best practices. We are passionate about improving software quality and delivery. We spend time showing organizations how to incorporate an automated testing framework and giving examples and reasoning on maximizing this through a functioning, and continuous integration approach.

Our customers include anyone using software to run their business. We typically work with leaders in the IT, QA or PMO organizations who are seeking better ways to build higher value, improve their existing process or reduce their operating costs.

We rely on a proven framework and coaching to implement the ideal solutions for our clients, which means that we don't only solve the problem for our client, but we also teach them how to maintain, improve and scale the solution. Our work is complete once the customer can operate their own Automated Testing Framework.

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The ATF Full Picture...

Be sure to visit our website at www.AgileTestingFramework.com to interact and learn more about every level and the components of this framework. You will find articles, links and online demonstrations of ATF at work.

