

Automated testing solutions

Reduce time, avoid manual repetitive tasks and increase your testing effectiveness

You already do testing activities but want to **cut down costs, better use your teams knowledge** and **focus on more critical tasks** than repetitive basic checks. You are building a **multi-platform product** and want to avoid consuming most of your budget with compatibility tests?

Then, test automation is for you. It will **strengthen the quality management** of your solutions and **increase test effectiveness, efficiency and coverage**.

AUTOMATE REGRESSION CHECKS

Whenever you have a stable version of your product which is subject to further upgrade, best go for our **UI automated regression testing solutions**. These apply particularly well when test activities are expensive, time consuming and repetitive. As such, we are eager to **create test automation frameworks** by using tools and methodologies to suit your development.

Within a few days, depending on your current test approach, we implement for you a framework composed of **the most suitable technologies** following your test ecosystem. It will **increase your**

team availability to carry out other tasks, as the test scripts will do the checking automatically, and which **can be run anytime**.

Moreover, we can integrate this solution in a Continuous Integration system. As a result, your smoke and sanity regression tests set will run every time a new version of your product is deployed. **Highly-detailed reports** will be issued straight after every test run.



EARLY TEST AUTOMATION

Why should we test a product manually during its development despite the strategy is to automate the regression testing, at a later stage?

By involving the test **automation team in the early phases** of an Iterative project development - such as Agile, the creation of automated test scripts is done **in parallel with the coding** of the application. The automated tests are executed for each intermediate builds. Once released, the product regression checks suite is composed of tests automated earlier.

This approach **reduces the re-testing overload** as the product is growing.

It requires the developments & BA teams to update the product documentation as the development progresses. A **Behaviour Driven Testing** approach can facilitate real-time traceability of user stories and to aid live test documentation. In that case, it acts as a central point of continuous interaction between the tester and the business users.



MOBILE AUTOMATED TESTING

Care to make quality portable? Look no further. Our scripts can be triggered to **run automated tests on portable devices**, such as phones, tablets, smart wearables... you name it.

To cover most of the possibilities, we use emulators, simulators and **real devices**, whatever their location — *in-house, cloud- or crowd-based* — on which automated test scripts can be ported. We set our test lab up to **cover at least 80% of your audience devices**, through multivariability testing: network latency, resolution, device mode and operating system.

Knowing that mobile devices use is different than computers, we are implementing tests which are fully user-oriented and tailored to run under specific conditions. This offers you the most **adapted test approach for your mobile applications** and websites.

Add to this our guarantee of constant quality service, thanks to q-leap's policy to **protect automated runs against eventualities** (e.g. *local lab to replace cloud*), and now we are talking.



TEST AUTOMATION TO SUPPORT NON-FUNCTIONAL TESTING

In an organisation where functional testing is already institutionalized, we often notice that the effort required for non-functional testing discourages managers in addressing performance, security and other technical challenges. We notice a more systematic **consideration of non-functional tests** by **reducing the related workload**

To reach this objective, we develop **automated scripts** that can be used for functional testing and **reused as non-functional tests**, so you will kill two birds with one stone.

As a result, with a single execution of your functional tests, the **performance, security, usability** and other measurements will be automatically associated to your product.

In addition, we will assist you in selecting the tests that are worth automating, and you will have customised combinations of automated scripts, **addressing any type of tests**, by using the same scripts.



Find out more

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