SOFISMO
Your data pilot

Test Automation

The Task

A large and renowned insurance company decides to publish its 500+ products on the web in order to enable its agents to quickly and accurately service their clients. In the past, testing has been done manually and has been plagued with massive effort estimates, scarce resources and bottlenecks. It was clear to the test department that going on the web required substantial practice changes.

To the architects and managers faced with this growing problem, test automation intuitively resonated as a viable solution, though no one on the team had direct experience with this field of practice. Before launching into a full-scale change initiative, they decide to expand their understanding of basic automation principles with assessment, training and consulting by an external company specializing in test automation best practices.

The Highlights

During assessment, need is recognised for meta data that would drive both the development and test activities. The meta data available was obsolete, so the team decides to consolidate and extend the definition of the meta data with test data.

A testing tool is extended to handle the meta and test data and used to drive the tests automatically.

The Benefits

- Within 5 weeks, positive results motivate the team to provide a completely automated testing system.
- After 5 months of automatic testing, defects have been uncovered that existed for years within the subject-under-test applications. Technologies: RUP, UML, Java, XML, Rational Functional Tester.

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