



kalifast[®]

BUG BUSTER

Improve your IT developments
thanks to automation

Function Point and application

- Functional Size Measurement (FSM)
 - Uses Function Point (FP) as a unit of measurement for a software
 - 1 Function Point represent a Business Functionality
 - Different experts give different measurement
 - Ifpug / Cosmic ...
 - 1 000 FP application = 5 280 defects
 - At least 6 defects for each function
- Development methodology and function execution
 - TDD process asks for multiple executions
 - Project definition, Project development, test, Integration ...
 - **Without** the non-regression test : at least 50 times
 - Some functions can be executed thousands of times (login for example)
 - Automation and script reusability is key to increase the development capacity.

When are functions executed ?

- During the development phases on different environment
 - Specification, homologation, integration ...
- By many user
 - Tester, developer ...
- On many browser
 - Responsiveness ...
 - Compatibility ...
- On many Devices
 - Load testing ...

With Kalifast, function are usable :

- By any user :
 - Multi-devices
 - Multi-browser
 - Multi-environment
- At any time :
 - Plan your execution
 - Re-use scenarios

➔ With Kalifast, you can use the automate in more than 80% of cases.

Kalifast is cost-effective after 40 executions

- Reducing the cost of scripting
 - Upgrade of Selenium-IDE to half the scripting cost
 - Shortcuts to most used commands ...
 - No file management to avoid file maintenance
- Easy scenario creation
 - No programming skills required to create a test scenario
 - Time is used to execute function not looking for them

➔ If it's impossible : Kalifast allows semi-automation

Beyond automation

- Highlight the risk of the development
 - Performance variation for each function
 - Compare execution time to see which functions are impacted
 - Compare and check screenshots
 - Track all changes to make sure no regressions are undermining your application
 - Abundance of screenshots
 - Compare from different browsers, different resolution...
- News indicators & Capitalization
 - Defect by FP
 - Cost per FP
 - Maturity of your FP