

Fundtech Effortlessly Adopts SOA Methodology and Enhances QA Processes with Help from Parasoft® SOA Quality Solution

Fundtech (NASDAQ: FNND) was founded in 1993. Fundtech Ltd is a leading provider of software solutions and services to financial institutions around the world. The Company develops and sells a broad array of products across the "financial supply chain" that enable banks to automate their corporate banking activities in order to improve efficiency; while providing their customers with more choices, more convenience and more control.

Fundtech offers products in four major categories: cash management, payments, settlements and financial messaging. Fundtech recently expanded its product line with a securities post-trade settlement processing system. Fundtech clients include financial institutions of all sizes, located around the world.

Fundtech's Global PAYplus Services development is part of a strategic initiative to implement a SOA framework that encompasses Fundtech's entire product portfolio including cash management, payments, settlements and financial messaging. The launch of Global PAYplus Services is an integral part of Fundtech's plans to create a single framework of reusable services both external and internal that encompasses the entire financial supply chain. Financial institutions will benefit from the efficiency and speed-to-market of SOA, and will be able to offer their customers more integrated services.

As part of the Global PAYplus Services development, Fundtech has already exposed several internal and external financial services. Following the Global PAYplus Services development, Fundtech thought it right to use an automatic testing tool to test both the internal and external services.

Lilach Shalev, who leads the Quality Assurance team on the SOA development product, has instituted that an automated tool is required for testing the Global PAYplus services. With Parasoft SOA Quality Solution, Fundtech was able to establish a process for constructing robust regression test suites to ensure a secure, reliable, and compliant SOA.

Lilach and her QA team investigated the SOA testing market. She says, "Even though we read about Parasoft SOAtest being the leading product in the market, we still evaluated other products."

The QA team came up with a list of criteria and compared the different SOA testing products that they found with one another. The criteria included scalability, documentation, interoperability, XML support, and testing acceptance, as well as easy-to-use testing options.

Each criterion was given points. Lilach states, "After evaluating and comparing all the different products, Parasoft SOAtest had the highest score."

Lilach explains more, “Parasoft SOAtest was more intuitive and user-friendly than the other products we looked at. Beyond that, Parasoft SOAtest is truly SOA-oriented. In other words, it can be used straight out of the box—no adjustments or customizations necessary. Moreover, we have also recognized the various grateful feathers SOAtest provides that help us to automate and manage our internal and external services process.”

Generating Robust Regression Suites—Quickly

The SOA QA team easily and smoothly deployed Parasoft SOA Quality Solution. Lilach says, “Parasoft gave us great support. The support team is very qualified. They provided rapid answers and solutions to all of our queries.”

With Parasoft SOA Quality Solution in place, the SOA QA team started to enjoy the benefits and advantages of automated testing. Lilach explains, “We have the ability to save all our test cases in one repository, and to execute them in almost no time.”

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Our time is used more efficiently because our work is more focused and productive.”**

According to Lilach, one of the solution’s greatest benefits is the ability to save a set of correct test results as a regression file. She explains that any further execution of the same tests is compared to that saved regression result file.

Lilach says, “I can say with 100% confidence that Parasoft SOA Quality Solution is saving us time. We can execute all of the tests in nearly no time at all. It’s a wonderful benefit. It saves time. Time is money. So, it absolutely saves money.”

Discussing other important advantages, Lilach explains, “Parasoft SOA Quality Solution provides the ability to record our test scripts, create a regression set in one click for each functionality tested, and save the tests in a common repository. Most importantly, once our QA team confirms and saves the test results, the differences in each regression execution are compared automatically with no manual intervention necessary.”

In closing, Lilach says, “Broadly speaking, Parasoft SOA Quality Solution is greatly benefiting us. The solution improves our workflow options as QA engineers. Our time is used more efficiently because our work is more focused and productive.”

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