

Agitar Corporate Overview

Agitar's Promise

Software applications power many of the business processes, services, and products in modern life. Business agility depends on a company's ability to deliver new software applications quickly and to safely and economically change old ones. Agitar Software helps the enterprise release Java applications faster, reduce bugs, and more easily change both new and legacy Java applications to meet changing business needs.

Agitar customers have seen compelling business benefits from our products and supporting services. These include reducing by 50% the staff time needed to maintain and enhance their old applications, releasing new ones 30% faster with fewer bugs, and cutting by 90% the cost of finding and fixing bugs after releasing applications to users. Customers such as Bank of America, Business Objects, Cisco, Cognizant Technology Solutions, EDS, Fujitsu SSL, IBM Global Services, MindTree Consulting, Royal Bank, Sabre Holdings, and Tokyo Gas see these benefits using Agitar's solution for in-house, offshore, or outsourced software development.

Market Opportunity

The development and maintenance of applications is still a risky business. Many organizations regularly miss their release schedules or deliver "on time" only by sacrificing functionality and quality. It is getting harder for software development teams to deliver and to change applications fast enough to keep pace with changing business needs, because of these recurring problems:

- Excessive drag from fragile applications that must be fixed or enhanced;
- Late discovery of bugs, when their repair is most expensive; and
- Unpredictable integration and QA cycles that delay application delivery.

Applications that work and that are useful to end users are often built from fragile code that is hard to change. But business agility requires software applications that are easy to change. It frequently takes heroic programming and debugging — sometimes tying up the best developers — to fix and enhance fragile code, which also gets worse as more changes are made. Fragile code means excessive expense, slow release cycles, and uncomfortable exposure from bugs. Fragile code is why many development organizations spend the vast majority of their time maintaining and enhancing their applications instead of adding new functionality that the business needs. Spending so much staff time on old code makes it harder to focus on getting the new code right — so much of it becomes tomorrow's legacy problem.

Having and using a thorough set of unit-level tests — which validate the correct behavior of each code unit — is a proven way to solve these problems. But it's been hard for many teams to get

the full benefit from unit tests. The manual creation of unit tests is an important and useful best practice, but the developers who must write the code must also write the tests and they rarely have enough time to be thorough. The bigger problem is that most organizations developing in Java have to deal with a lot of Java legacy code. It's very hard to add unit tests to legacy code, which is where unit tests would add the most value. That is the cruel paradox of unit testing: a lot of legacy code is too complex to test, but it's also too risky to simplify to make it testable.

Agitar's Solution: The AgitarOne™ Family

The AgitarOne product family — AgitarOne JUnit Generator and AgitarOne Agitator® — is the best solution for creating, using, and managing the extensive unit-level tests needed for truly agile development and maintenance of Java applications. AgitarOne JUnit Generator generates thorough unit tests on an existing code base. These tests make it easier to find regressions when the code is changed, and provide the foundation for safely improving the code to cut the cost of its maintenance and enhancement. AgitarOne Agitator shows developers unexpected behavior in their code as they write it. This helps them avoid bugs, deliver applications sooner, and prevent complexity that becomes tomorrow's maintenance burden. The AgitarOne family complements the traditional QA (Quality Assurance) tools from HP/Mercury and IBM Rational used for system integration and functional, acceptance, or stress testing.

Company and Product Recognition

Agitar, founded in August, 2002, is headquartered in Mountain View, CA, with local sales and service offices throughout the U.S. and in London, Munich, Bangalore, Singapore, Tokyo, and Sydney. The company is privately held and backed by top venture capital firms Sequoia Capital, New Enterprise Associates, and Globespan Capital.

Agitar has won an unprecedented number of industry awards that recognize the unique innovation of its technology. These include the JavaOne Duke's Choice, Software Development Jolt Award, Wall Street Journal Technology Innovation Award, and InfoWorld Technology of the Year.

But while industry awards are good, customer adoption and satisfaction is the real measure of our success. Since their release in February 2004, Agitar's products have provided real and measurable value to software development organizations in major enterprises worldwide. Examples include Tata Consultancy Services, the largest systems integrator in India, which concluded that "Agitar's unique unit-testing solution is the best way to accelerate our overall development process"; Tokyo Gas, which has measured a 90% reduction in the number of bugs escaping development to integration and QA; and abebooks.com, which used Agitar's solution to reduce its cost from software bugs by 95%.

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