

Agitar Software Announces 'No Java Class Left Behind' Program - AgitarOne(tm) Now Free for Educational Institutions

Agitar Software, the leader in developer testing solutions, today announced that its newly-released product for Java unit testing – AgitarOne – is available free of charge to accredited educational institutions for teaching and academic research. Agitar will also create and make available course material for introducing basic unit-testing principles in programming courses. The initiative will be carried out by Agitar Software Laboratories (AgitarLabs), Agitar's recently established division for research and advanced development. AgitarOne is a new integrated solution that brings unprecedented power and simplicity to Java unit testing by providing developers with the most complete and most powerful set of tools in the market. AgitarOne includes Agitar's award-winning software agitation technology for interactive exploratory testing, which enables automated generation of JUnit tests for thorough regression testing and enforces flexible and extensible code-rules that help eliminate error-prone coding patterns. “Researchers and practitioners alike agree that having developers create and execute tests while they are writing the code is one of the most effective ways to prevent and find bugs. Today, however, most computer science students graduate with little or no exposure to the science and art of software testing,” said Alberto Savoia, Agitar's CTO and head of AgitarLabs. “We believe that the most effective way to get developers used to the theory and practice of testing is to teach them how to test at the same time they are learning how to program. The key goal of this initiative is to give both instructors and students easy access to superior teaching materials and technology, and to show them the huge benefits that developer testing can bring.” AgitarOne offers a server-based deployment model, which is particularly suited for use in a classroom setting. The server-based model requires no configuration on the workstation and enables students to begin seeing meaningful results within minutes of downloading and installing an Eclipse-based client. Additionally, such a deployment model reduces the computing power requirements for students' workstations by offloading most of the computation to the distributed server.“It is a real pleasure to see a leading software tools company like Agitar make its state-of-the-art technology freely available for teaching,” said Dr. Alex Aiken, professor of Computer Science at Stanford University. “Giving students access to industrial-strength test automation tools helps them learn modern best practices for software engineering.”“Agitar's technology has deep roots in industrial and academic research in test automation,” said Dr. Roongko Doong, Agitar's co-founder and Vice President of Technology. “The development of software agitation was inspired by the research on dynamic invariant detection and test-input generation. By making AgitarOne freely available for academic research, Agitar gives back to the people and the community and hopes to inspire further innovative research in software testing technology.” Researchers and educators interested in learning more about AgitarOne and its use in teaching and research should contact Dr. Marat Boshernitsan, AgitarLabs's Director of Research, for further information. Dr. Marat Boshernitsan, Director of Research, Agitar Software Laboratories, marat@agitar.com

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About Agitar Software: Agitar Software removes the obstacles to widespread adoption of unit testing. This practice, where software developers test their code as they write it, improves software quality and business agility. Agitar's flagship product, AgitarOne, helps Java development teams start unit testing and makes good unit testing more effective, on both new code and legacy Java systems. Customers have shortened development cycles, cut defects handed over to system integration by 90 percent, and reduced the cost of fixing bugs after release by up to 90 percent. Agitar's breakthrough technology, software agitation, has been honored with the Java One Duke's Choice, Jolt Award, Wall Street Journal Technology Innovation Award, and InfoWorld Technology of the Year. Thousands of users at organizations such as Bank of America, Cisco, EDS, IBM Global Services, Northrop-Grumman, NTT Data, Siemens Medical, Tata Consultancy Services, and Tokyo Gas use Agitar's products to improve in-house, offshore, or outsourced software development. Agitar is a privately-held company headquartered in Mountain View, CA. For more information visit www.agitar.com.