



Parasoft C++Test Extends Ability to Resolve Critical Software Errors in C/C++ Code

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Parasoft Corporation announced today the general release of Parasoft C++Test 6.5, an automated unit testing and coding standard analysis tool suite designed to help software engineers prevent the occurrence of software errors as they develop.

PR9.NET August 12, 2005 - Monrovia, CA – Parasoft Corporation, leading provider of automated error prevention solutions, announced today the general release of Parasoft C++Test 6.5, an automated unit testing and coding standard analysis tool suite designed to help software engineers prevent the occurrence of software errors as they develop. C++Test 6.5 extends the product's powerful ability to find and resolve critical software errors in C/C++ code with enhancements to both code analysis and unit testing as well as increased platform and team support.

With Parasoft C++Test 6.5 software source code can now be validated against over 600 C/C++ coding standards and guidelines that reflect industry standard best practices in code design and construction that address code reliability, performance, maintainability, and security. C++Test 6.5 includes a new rule set based on the C++ coding standards book by Sutter and Alexandrescu. A new RuleWizard Autocreator is provided, expanding the options for creating custom coding rules. The Autocreator allows users to easily create their own custom rules or guidelines by simply providing RuleWizard a sample of "bad C or C++ code" as the guideline for automatic rule creation.

Unit tests can now be automatically generated in C or C++ source code allowing easy customization and enhanced ability to maintain them under source control. The new unit test engine also allows direct import and execution of existing CppUnit test cases. Among other unit test enhancements are extended capabilities of importing data sets for test case generation, stub management, and automated refactoring of test cases.

C++Test 6.5 extends support for embedded software development efforts by adding support for the Greenhills MULTI 4.0 compiler and IDE.

More

"This new release of C++Test is a significant step forward for us in test technology, providing capabilities to automatically generate and maintain unit test cases in C or C++ source. Developers always want to have complete control over the tests after they are generated, and our version 6.5 gives them precisely that," said Sergei Sokolov, Parasoft C++Test Product Manager. "The release contains a wealth of other added functionality aimed at better integration into popular development environments and flows."

Availability

C++Test 6.5 is available for Linux, Solaris and Windows NT/2000/XP

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About C++Test

Parasoft C++Test is an Automated Error Prevention product that automates C and C++ unit testing and coding standard analysis to help prevent software errors and ensure that code is structurally sound, reliable, maintainable, and portable. C++Test analyzes C functions or C++ classes, then generates and executes a test harness, test cases, and stubs designed to verify the code under test. You can add and customize test cases and stubs through user-friendly GUI controls, and view coverage details for all automatically-generated and user-defined test cases. C++Test also checks whether code follows 600+ coding standard rules plus any number of custom rules that users can easily design via the GUI-based RuleWizard editor.

About Parasoft Corporation

Parasoft is the leading provider of innovative solutions for automated software test and analysis and the establishment of software error prevention practices as an integrated part of the software development lifecycle. Parasoft's product suite enables software development and IT organizations to significantly reduce costs and delivery delays, ensure application reliability and security, and improve the quality of the software they develop and deploy through the practice of Automated Error Prevention (AEP). Parasoft has more than 10,000 clients worldwide including: Bank of America, Boeing, Cisco, Disney, Ericsson, IBM, Lehman Brothers, Lockheed, Lexis-Nexis, Sabre Holdings, SBC and Yahoo. Founded in 1987, Parasoft is a privately held company headquartered in Monrovia, CA.

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