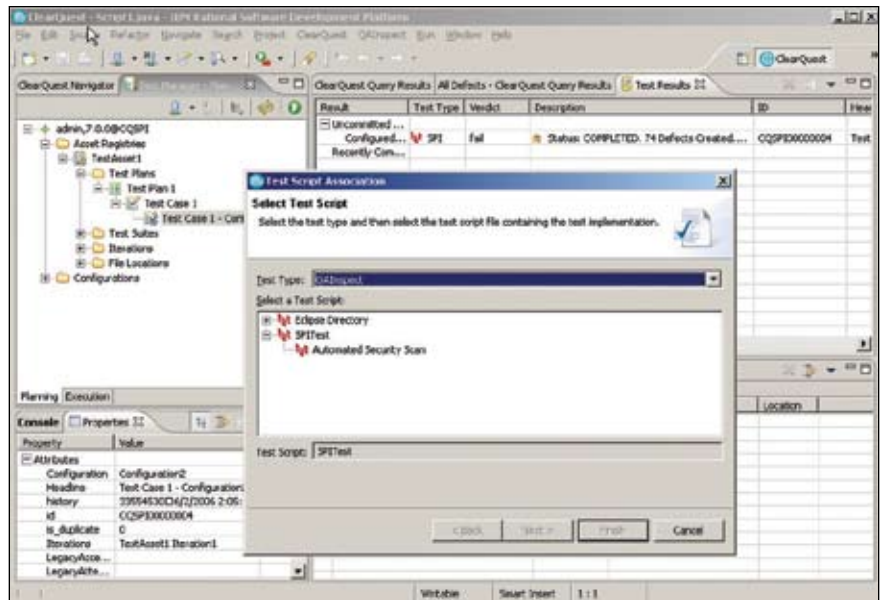**Rational.** software

SPI Dynamics QAInspect for IBM Rational Software Development Platform

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Highlights

■ *Helps you build high-quality, secure software*

■ *Provides automation of security policy checks*

■ *Enables seamless integration of security testing*

■ *Integrates security testing into the software application lifecycle*

Selection of the QAInspect application as a test type from the Rational ClearQuest user interface

Delivering high-quality, secure software applications is a requirement, not an option. The need to test against government, industry and corporate security requirements has become an important standard in today's testing process. IBM and IBM Business Partner SPI Dynamics have come together to provide an integrated, automated security and functional testing solution powered by a common test management platform.

The easy-to-use, seamless integration of SPI Dynamics QAInspect software with the IBM Rational® Software Development Platform provides quality assurance (QA) teams with a holistic view of security vulnerabilities, allowing them to help ensure high-quality, secure applications that meet stringent security requirements. By integrating security testing throughout the software application lifecycle, the new IBM and SPI Dynamics solution enables QA teams to improve application quality, manage costs and help ensure on-time delivery of secure enterprise software applications.

High-quality, secure software
SPI Dynamics QAInspect software integrates security test automation with IBM Rational ClearQuest® and IBM Rational Functional Tester software to better manage all aspects

of software application testing—manual, functional, performance and security. This new integration allows you to deliver higher-quality, more secure enterprise applications.

The SPI Dynamics QAInspect solution for the IBM Rational Software Development Platform allows users to select the QAInspect application as a test type directly inside the Rational ClearQuest user interface. Because the ClearQuest application permits users to specify the target system and determine which security tests to execute, users can use the complete IBM and QAInspect solution to create schedules that include manual, functional, performance and security tests within a single platform.

The QAInspect Tester for Rational Functional Tester solution finds and prioritizes the security vulnerabilities in specific usage scenarios or pages of Web applications during testing, and presents detailed information and remediation advice about each vulnerability. The QAInspect Tester software allows users to convert Rational Functional Tester scripts into security scripts, so that a user can easily apply security testing to the same business process he or she has been testing for functional defects.

Automation of security policy checks

Now you can automate policy-driven security checks to help ensure that your software applications comply with government, industry and corporate regulatory standards. The QAInspect solution for the IBM Rational Software Development Platform comprises 23 various predefined security-testing policies and more than 5,000 security tests, including several that are designed to meet government and industry compliance policies such as Health Insurance Portability and Accountability Act (HIPAA), Sarbanes-Oxley Act (SOX), Gramm-Leach-Bliley Act (GLBA), International Standards Organization (ISO) 17799 regulations and Visa Payment Card Industry (PCI) data compliance requirements. These predefined policies allow users to select an applicable policy and run tests associated with that policy.

Easy-to-use, seamless integration throughout the IT lifecycle

Using the IBM and SPI Dynamics solution, you can find security and functional defects without being a security expert. The complexities of security testing are now removed through the use of a common platform and integrated workflow. Through the ClearQuest user interface, you now have a single view into security test planning, management, automation and results tracking that can be leveraged by the entire IT organization—from preproduction to development to postproduction.

For more information

To learn more about the IBM and SPI Dynamics solution, visit:

ibm.com