Rational Robot Overview

Rational Robot is a complete set of components for automating the testing of Microsoft Windows client/server, Internet applications and ERP applications running under Windows NT 4.0, Windows XP, Windows 2000, Windows 98, and Windows Me. The main component of Robot lets you start recording tests in as few as two mouse clicks. After recording, Robot plays back the tests in a fraction of the time it would take to repeat the actions manually.

Rational Robot is an automated functional regression testing tool. A Functional test is one that is merely concerned with whether or not the application operates the way it was intended. It does not concern itself with performance, robustness, etc. A Regression test is one where an application is subjected to a suite of functional tests against build after build of an application to verify everything that was working continues to work. The Rational Robot suite significantly reduces the learning curve of performing functional regression testing.

Components of Rational Robot:
- **Rational Administrator** -- Create and manage Rational projects to store your testing information.
- **Rational Test Manager** -- Review and analyze test results.
- **Object Properties, Text, Grid, and Image Comparators** – View and analyze the results of verification point playback.
- **Rational Site Check** -- Manage Internet and intranet Web sites.

Rational Robot provides test cases for common objects such as menus, lists and bitmaps, and specialized test cases for objects specific to the development environment. In addition, it includes built-in test management, and integrates with the tools in the IBM Rational Unified Process for defect tracking, change management and requirements traceability. It supports multiple UI technologies like Java, the Web, all VS.NET controls, Oracle Forms, Borland Delphi and Sybase PowerBuilder applications.

For more information, refer to [IBM's Rational Robot website](http://www-306.ibm.com/software/awdtools/tester/robot/).
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