Rational Performance Tester

Rational. software

Overview

* Automated load and performance testing tool for any team validating the scalability and reliability of complex e-business applications before deployment.

* Multiple, low-intrusion recording techniques capture client-server communication involving either HTTP/HTTPS or SQL-based protocols.

* Built-in data correlation filters detect variable data and prepare tests for data-driven load test generation.

* Rich test language and test function library permits extensive script customization for expert testers requiring advanced analysis algorithms.

* Fully customizable test workload scheduler permits highly accurate models of true user profiles.

* Real-time reports show up-to-the second response times across users and user groups to expose system bottlenecks as soon as they occur.

* Detailed server resource data can be acquired and correlated with server response times to expose hardware-related performance limitations.

* Consists of IBM Rational Robot, IBM Rational TestManager and separately purchased packs of virtual testers.

Tools and components

* **Rational TestManager**
Manages all aspects of manual and automated testing from iteration to iteration.

* **Virtual Tester Packs**
Low-memory execution agents that permit load generation from network-distributed machines supporting a variety of operating systems.