



Application Assurance Suite

for Java and Portals

- Tag and Follow™ transaction tracing
- Line-of-code level diagnostics
- Holistic application/Portal transaction mapping
- Performance Blueprinting
- On-demand diagnostics
- Detail Dial
- Memory performance analysis
- End-user view of Portal health
- Instant Portal component breakdown

Optimize the Performance of Tomorrow's Applications Today

Without assurance of an application's performance and code quality, both the customer and the IT organization will suffer from downtime and sluggish performance. Production problems result in reactive firefighting that puts excessive demands on development resources to help diagnose and fix them. This practice is costly in terms of application downtime and the inefficient allocation of development resources. It leaves development teams struggling to deliver high-quality, optimized code while fixing preventable issues. A lack of "application assurance" contributes to several problems:

- Problems can take weeks to solve due to heterogeneous environments or having too many variables in a component-based architecture
- Developers are routinely pulled away to solve production problems, delaying new projects
- SQL is difficult and tedious for Java developers to diagnose
- Loosely coupled applications make manual transaction tracing impossible
- Quality Assurance can't re-create production problems in staging
- Portal projects appear simple but are a nightmare to implement

Quest's Application Assurance Suite provides low-overhead performance diagnostics for multi-tiered Java applications and Portals running in pre-production development and test environments. Application Assurance enables application support teams, developers, DBAs and QA staff to measure, analyze and optimize Java and Portal performance from an end-user transaction perspective to guarantee applications exceed expectations.



View correlated performance metrics on multiple components within a single screen. Optimize the quality of your code with rich diagnostics across the Java application environment.

System Requirements

Application Servers

- BEA WebLogic
- IBM WebSphere
- JBoss
- Oracle Application Server
- Apache Tomcat

Operating Systems

- AIX
- HP-UX
- Red Hat Linux
- Solaris
- SuSE Linux
- Windows

*Not all application server versions are supported on all operating systems. Please contact your Quest representative or visit: questsupportlink.quest.com.

Transaction Tag and Follow™

Quest's unique application tracing technology reconstructs the execution path of end-user transactions through the distributed system, ensuring quick and easy root cause diagnosis of poorly performing transactions.

Line-of-code Level Diagnostics

Perform deep line-of-code diagnosis, memory leak analysis and thread deadlock detection when application code is at fault. Perform detailed database performance analysis using integrated Quest database tuning tools—all within the context of the application.

Holistic Application Mapping

See into all components across the Java stack—including Web servers, application servers, database servers, operating system, network, Enterprise Java Beans and SQL calls—in context to the end-user transaction.

Automated Performance Blueprinting

Automatically take multiple instant snapshot views of your overall application performance in order to baseline performance and measure the delta in performance for each build. Development managers can generate reports that highlight performance issues, then assign individuals to fix them.

On-demand Diagnostics

Launch diagnostics for specific cases and isolate problems down to the line of code. Correlate transactions to code quality. Map the interdependencies of components servicing transactions.

Detail Dial

Configure detail gathering to the desired level of bandwidth with low-overhead, high-level Java component views for production systems, or run deeper Java method detail gathering for application analysis.

Memory Performance Analysis

Analyze JVM Garbage Collection activity and object allocations to quickly pinpoint memory leaks.

Automatic Portal Transaction Mapping

Using a logical Portal hierarchy, automatically isolate the slow Portal control that is the root cause of an end-user transaction's slow performance.

End-user view of Portal Health

View and easily correlate end-user Portal transactions with metrics and method-level code issues to isolate even the most transient issues.

Instant Portal Component Breakdown

Detect and diagnose Portal problems through targeted Web dashboards that allow you to quickly isolate the time spent in Portlets, Portal controls, services, caching and the Portal framework underlying infrastructure.

About Quest Software, Inc.

Quest Software, Inc. delivers innovative products that help organizations get more performance and productivity from their applications, databases and Windows infrastructure. Through a deep expertise in IT operations and a continued focus on what works best, Quest helps more than 18,000 customers worldwide meet higher expectations for enterprise IT. Quest Software can be found in offices around the globe and at www.quest.com



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