

Agenda

- The importance of performance management for J2EE systems
- Critical business need for managing J2EE performance
- Implementing an effective performance management strategy for J2EE
- Borland solution for streamlining J2EE performance management

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J2EE system performance needs

- Visibility inside the J2EE "black box"
- Easy-to-understand performance information - High-level component information
 - Code-level granularity to pinpoint root cause
- Meaningful system diagnostics information that test engineers can pass to developers for action
- Accurate feedback so developers can locate and fix issues

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Steps to effective performance

2. Implement performance management

throughout the application lifecycle 3. Tighten application lifecycle processes

1. Invest in performance management software

management

The right tool for the right team

- Developers need VM-level information to identify performance issues at the code-level related to threads, objects, Java methods, memory leaks in the code, etc.
- Test teams need system-level performance information to understand J2EE system performance issues at the component level related to Web pages, business logic, messaging, and database connectivity
- Complete compatibility between code-level performance tool and J2EE performance tool makes it easier for developers to switch between tools to resolve performance issues efficiently
- Unambiguous, actionable diagnostics information about performance problems is essential for quick time-to-resolution

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Borland[®] Optimizeit[™] ServerTrace

Optimizeit ServerTrace delivers end-to-end performance management for J2EE applications:

- System Dashboard
- Component Health Views
- Automatic Application Quality Analyzer
- Diagnostic snapshots and XML reporting

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Features and Benefits

J2EE System Dashboard

- Provides a single J2EE centric overview
 Component Health Views
- Detailed view of all J2EE components including EJB[™], JDBC[®], JMS, JSP[™], JNDI, Java[™] Virtual Machine
- Automatic Application Quality Analyzer
 Catch problems before they occur using predictive analysis
 capabilities
- Diagnostic snapshots and XML reporting
 Communication framework for test teams and developers to achieve quick resolution of problems

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Value Proposition ROI Benefits Business Benefits "At Digital Rum, J2EE performance is mission critical. Reduce time to market, improve productivity, and minimize production disasters Thanks to Optimizeit ServerTrace we were able to a day in just 15 minutes! By testing our applications in staging we are able to deploy with the confidence that Improve technical and organizational efficiency for solving performance problems - Maximize ROI in hardware and software investments - Meet or exceed SLA targets everything is behaving as expected - if you are Streamline performance management serious about J2EE performance, this is a must-have Quick isolation of J2EE system performance issues with relevant diagnostics information: tool!" - Mike Mason, Head of Infrastructure, Digital Rum - enables appropriate development group to quickly fix problems - eliminates finger pointing between groups - supports test groups in delivering higher value Borland **Borland**[®]





Summary

- Poor performance impacts business success
- Managing J2EE performance is complex
- Implementing an effective strategy
 - Invest in performance management software
 Implement performance management throughout the application lifecycle
 - Tighten application lifecycle processes
- Borland Optimizeit ServerTrace provides a comprehensive solution

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