

SteelCentral ApplInternals V9.0

WHAT'S NEW

New Features and Capabilities

- Integration of ApplInternals big data analytics workflows into the RPM Dashboards for simplified access to powerful analytics
- Increased high resolution transaction metrics capture enhances root cause analysis and forensics
- Aggregate transaction capability enables end-to-end transaction analysis
- Application data capture enhances the depth and breadth application transaction trace analysis
- Expanded mobile agent SDK enables end user experience monitoring for both mobile web and native mobile apps

Riverbed® SteelCentral ApplInternals provides deep visibility into the performance of complex, multi-tier applications, combining end user experience monitoring, code-level transaction tracing, and big data analytics into a comprehensive APM solution. ApplInternals big data analytics span performance metrics and code-level analysis to isolate and detect problem root cause and correlate all the transactions impacted by a performance problem.

ApplInternals 9.0 integrates big data analytics into the RPM dashboard workflows, making them readily accessible and extremely useful for production, test, and development teams. It also expands the amount of granular transaction information that can be stored in ApplInternals big data store and enables transactions to be instantly aggregated for out of the box trend identification, further extending ApplInternals market leading problem identification and triage capabilities.

Enhanced Analytics Workflows

ApplInternals core analytics workflows are now tightly integrated into the ApplInternals RPM dashboards. This provides simplified access to advanced analytic correlations, deviations and statistics through the RPM dashboard menu system and enables a correlations or deviations search to be initiated:

- From the Object Selection wizard
- Through a dashboard right click menu.

High Resolution Transaction Metric History

High resolution data enables application teams to obtain a much more precise picture of the problem. . ApplInternals now supports one second metric data records to be stored for extended periods in its big data store. This provides a number of benefits including very precise root cause analysis and forensics capability and improved load testing workflows.

To ensure the fastest problem diagnosis, end-user experience should be integrated with code-level transaction tracing, deep application component monitoring, and powerful analytics to provide the best results.

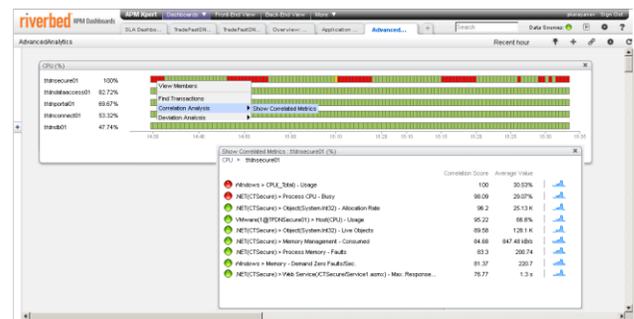


Diagram 1 - Correlation analysis based on 1-second data to spot closely associated trends, for holistic problem isolation and resolution

Aggregate Transaction Analysis

AppInternals 9.0 extends transaction analysis, summarization and reporting across the big data Transaction Trace Warehouse repository. AppInternals provides aggregate transaction analysis through search analysis operators that enable:

- Out-of-the box application performance trend identification
- Increased extensibility through search operator APIs

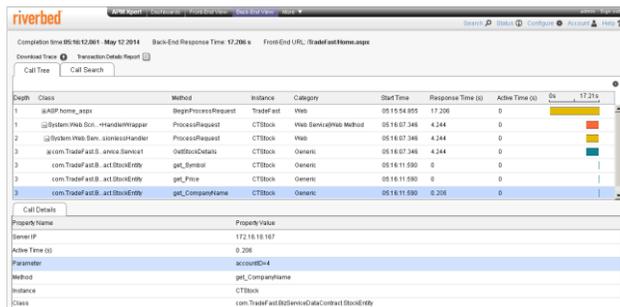


Diagram 2 - View every transaction call tree for rich, contextual data to quickly repair problems and to view business impact through method parameters

Business Transaction Context Capture

AppInternals business transaction context capture enables data that is being processed and exchanged within code and across transactions to be collected. It's equivalent to the packet capture capabilities of Riverbed's network-based RPM products and extends the AppInternals monitoring and troubleshooting capabilities. Application data capture is achieved through method parameter recording and enables:

- Identifying the business context of transactions
- Collecting extra application and platform details that enriches the depth of AppInternals transaction trace information.

The analytics keyword search allows 'AND', 'OR', and wildcard type searches as well as matching on any parameter of the call traces including:

- Exceptions, SQL, client IP, threads, cookies, URLs and other metrics

AppInternals also enables easy threshold and event configuration through menus on the RPM dashboards.

About Riverbed

Riverbed Technology is the leader in Application Performance Infrastructure, delivering the most complete platform for location independent computing. Location independent computing turns location and distance into a competitive advantage by giving IT the flexibility to host applications and data in the most optimal locations while ensuring applications perform as expected, data is always available when needed, and performance issues are detected and fixed before end users notice. Riverbed's 24,000+ customers include 97 percent of the Fortune 100 and 95 percent of the Forbes Global 100. Learn more at www.riverbed.com.

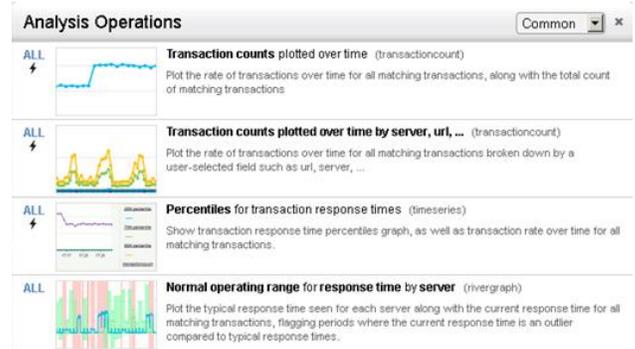


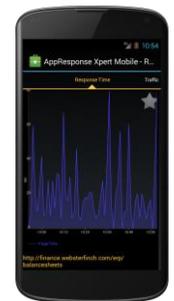
Diagram 3 - Application-wide analysis operations on the most granular performance data, for proactive problem isolation and resolution

BrowserMetric Enhancements

AppInternals BrowserMetric 9.0 supports a more simplified end user experience monitoring deployment by enabling the JavaScript page tag to be automatically inserted by the AppInternals agents. This capability is in addition to the page tag injection through Riverbed® Stingray™ Traffic Manager virtual application delivery controller (ADC).

Native Mobile App Monitoring

AppInternals 9.0 now provides support for native mobile app monitoring using an extensible, open source SDK library (MAITI). Now operations teams can simultaneously monitor end user experience for both mobile web and native mobile app users.



AJAX Support

AppInternals 9.0 provides new support for AJAX (Asynchronous JavaScript and XML) that enables monitoring of transactions that use AJAX GET and POST commands for information exchange with a web server.

Single Sign On

AppInternals Management Server (SMP) now supports singled sign on through common Authentication Services (OAS).

Expanded Platform Support

AppInternals 9.0 provides increased platform support by providing agents for Java 7 and Windows Server 2012.