

Performance Monitoring

Your specialists want to have all operational hardware, software and network metrics to hand and in one place.

You want an operating diagnostics aid that can analyze all the available metrics.

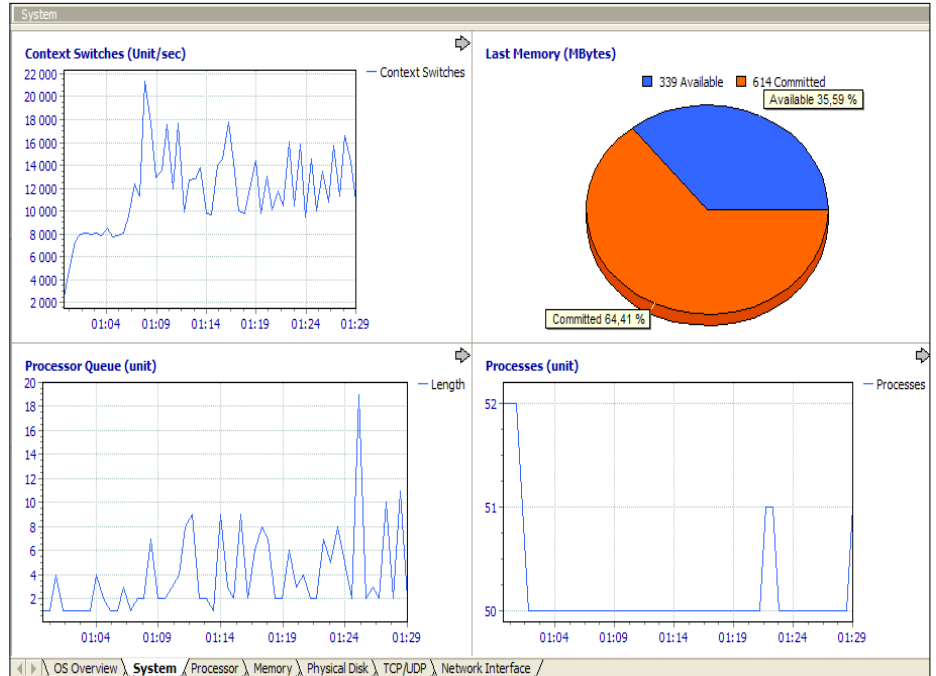
Quotium Monitor is a performance monitoring software program. Qmonitor collects and displays in real time all of the performance metrics of the network, application servers, Web servers and databases.

This information on the functioning of each component (hardware or software) concerned is presented in tables and charts.

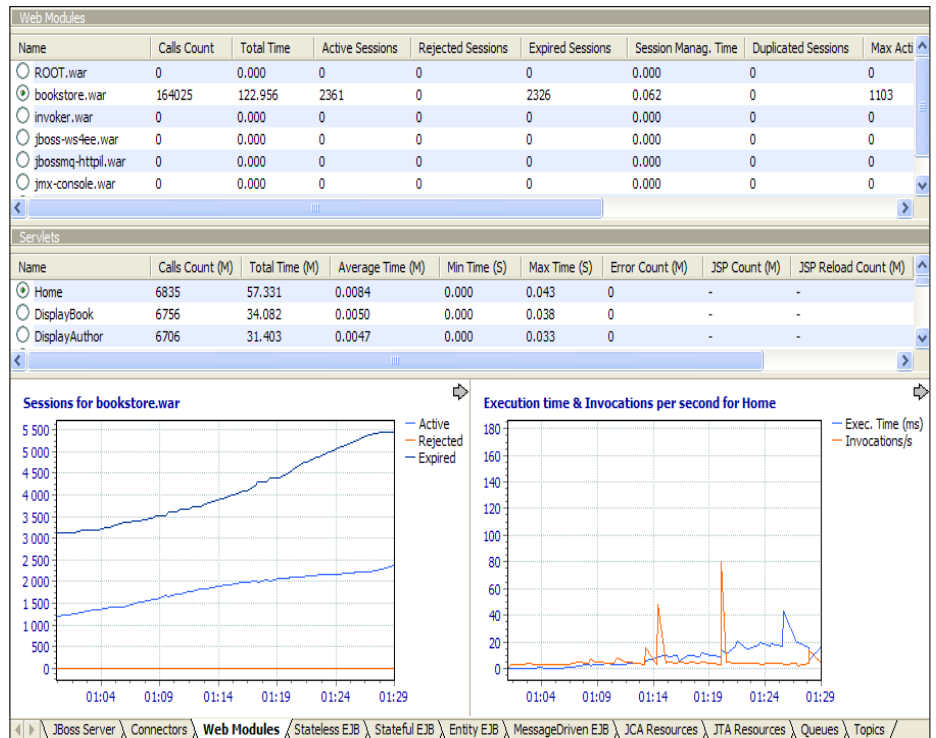
Thanks to its unique technology, Anomaly Detector analyzes all of the data collected. Operating anomalies are automatically detected and ranked either chronologically or by component. Anomaly Detector provides an immediate view of a problem's severity, of the component concerned, and of the time period during which the values exceeded the set limits.

The origin of problems affecting the performance of the application is thereby detected automatically.

Qmonitor is non-intrusive. No installation is required on the elements of the application tested. Configuration only requires specification of the connection parameters.



Windows Collector: System Informations



JBOSS Collector: Monitoring Web Modules

Qmonitor includes the following monitors :

- MS Windows: XP/2000/2003
- UNIX: AIX, HP Unix, Solaris, Tru64, Linux
- Web Servers: Apache, Microsoft IIS
- Application Servers: .Net, WebLogic, WebSphere, Jboss, Tomcat
- Databases: Oracle, SQL Server, MySQL, Sybase, DB2
- Network and generic: SNMP

Automatic Anomaly Detection

Anomaly Detector automatically detects, localises and traces the most complex transactional, system and application anomalies at the heart of your infrastructure.

Anomaly Detector enables you to identify the origin of performance deterioration for each component and to measure the impact of each optimisation across the whole infrastructure.

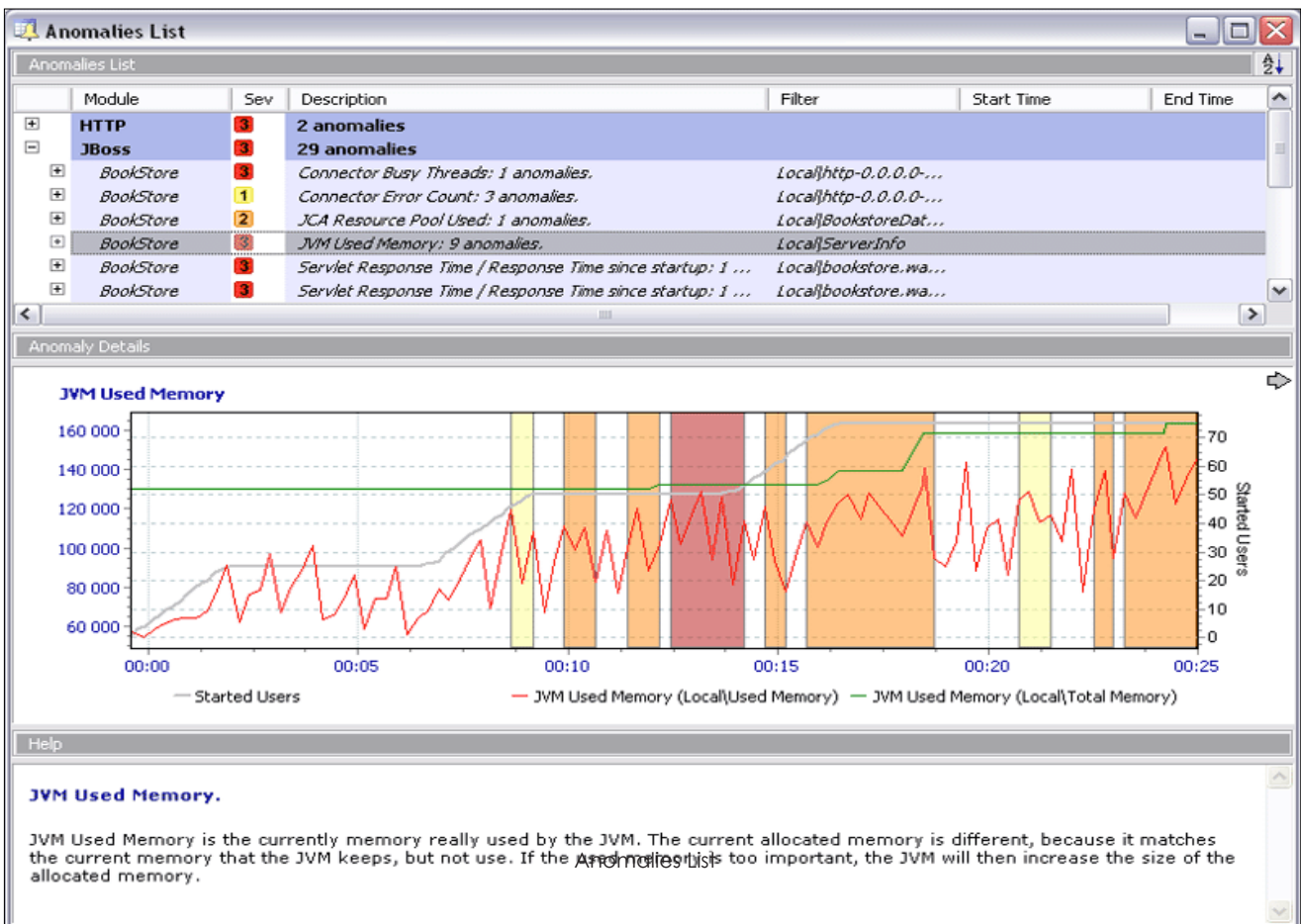
It carries out an in-depth analysis of all the information generated by the load testing, and highlights data which may help explain bottlenecks.

It proposes an action plan to resolve any problems it detects.

Thanks to its integrated native rules, Anomaly Detector avoids any need to refer to technology-testing experts to carry out load tests.

The screen view above shows that from the thousands of parameters being monitored, just one reveals an anomaly concerning a database. This anomaly is fairly severe: a level 3, where level 1 represents the lowest severity.

Notice that the Anomaly Detector has highlighted the part of the graphic which reveals the anomaly. Highlighted data also explains the nature and the cause of the problem. Anomaly Detector only takes a matter of seconds to provide these results, whereas a manual procedure would take hours.



Advantages & Benefits

With its metrics analysis technology, Qmonitor features six strong points that set it apart from all other monitoring tools on the market:

Integration with the Quotium APM solution.

Quotium Application Performance Management enables you to manage the end-to-end performance of your load tests during the production cycle. In pre-production within Qtest, Qmonitor captures and displays in real time the performance data on the network, application servers, web servers and databases. The correlation of this data with the load simulation and response times obtained enables you to determine exactly where the bottlenecks are. Following in-production detection of an incident by Qap, Qmonitor provides a detailed analysis of the functioning of an element in the network on which the monitored application is running.

End-to-end IT systems monitoring

Qmonitor collects and displays in real time all of the performance measurements of the network, application servers, Web servers and databases

Correlation of different statistics

Within the same graphic interface you view and correlate the statistics collected from every element in the IT system.

Automatic anomaly detection

Thanks to its unique technology, Qmonitor automatically analyses all of the statistics collected on the information system. In the event of problems, you will have an immediate view of the component affected, and the time frame in which the anomaly occurred.

Automatic creation of custom reports

Qmonitor lets you create custom report templates adapted to the various recipients (decision makers, project managers, technical experts, etc.). The reports can then be generated with a single click by associating these templates with the test results.

Easily customizable non-intrusive monitors

Our performance monitors are non-intrusive. No installation is required on the IT system. Configuration only requires specification of the connection parameters.

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