

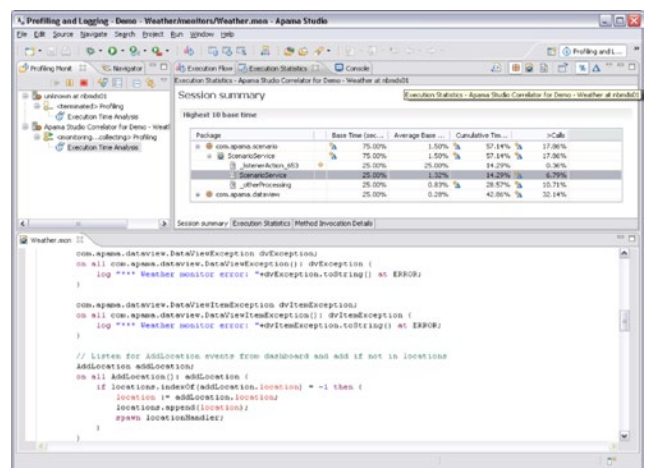
PROGRESS® APAMA® STUDIO PRODUCTION PROFILER

RESOLVING PERFORMANCE AND MEMORY ISSUES QUICKLY AND EASILY

Performance should be a primary priority for all but the simplest of applications. Even with the best application design, issues related to performance or memory management that are very hard to track down can be introduced, particularly in large, complex applications. The hunt for those bottlenecks can be something of a black art. This is where profiling comes in.

Profiling an application allows a developer to glean valuable execution statistics, such as memory usage of a given object, execution times of specific code modules and CPU usage. It can provide detailed and valuable insight into how an application is performing and where to target code optimization.

The Progress® Apama® Studio provides a complete Integrated Development Environment (IDE) for building, testing and profiling event-driven applications. The Apama Profiler is directly integrated into the Apama Eclipse-based Studio. Throughout the development cycle and into production, you can easily and quickly examine the overall performance of programs, no matter how large or complex without following the source one line at a time.



PINPOINT INEFFICIENCIES RIGHT DOWN TO THE OFFENDING SOURCE LINE

A vital capability of a profiler is to provide highly-granular detail on what areas of code are consuming the majority of processor time in order to pinpoint application hot spots. Consequently, the Apama Studio Profiler can drill down to the source-line level to find which lines consume the most CPU, showing the percentage of processor time in an action, a listener and the actual source line.

The Apama Profiler includes a wealth of features for you to analyze the performance characteristics of their Apama event-driven applications. Whether you're still in the development cycle or in production, the Profiler can be easily toggled on to collect execution statistics for analysis.

APAMA STUDIO PROFILER FEATURES

- > Perform visual profiling based on the well-known Eclipse TPTP user interface
- > Show detailed execution statistics and CPU usage on the context, monitor, action, listener and event levels
- > Drill down to source-line level to show which lines consume the most CPU
- > Show GC (garbage collection) timings
- > Selectively show only the most relevant statistics, filtering out uninteresting data
- > Toggle on and off at runtime without need for instrumentation, code changes, or special compilation.
- > Support full remote profiling
- > Command line and Web interface also available

A MATURE PLATFORM FOR PRODUCTIVITY, PERFORMANCE AND INTEGRATION

The event-based Apama architecture ensures real-time operational responsiveness to fast-moving event data of any kind. Whether it is market data in capital markets, call detail records in telco systems or sensor data in transportation and logistics, the productivity, performance and integration of the Apama Event Processing platform easily enables the development of scalable, high-performance, low-latency event-based applications.



PROGRESS SOFTWARE

Progress Software Corporation (NASDAQ: PRGS) is a global software company that enables enterprises to be operationally responsive to changing conditions and customer interactions as they occur. Our goal is to enable our customers to capitalize on new opportunities, drive greater efficiencies, and reduce risk. Progress offers a comprehensive portfolio of best-in-class infrastructure software spanning event-driven visibility and real-time response, open integration, data access and integration, and application development and management—all supporting on-premises and SaaS/cloud deployments. Progress maximizes the benefits of operational responsiveness while minimizing IT complexity and total cost of ownership.

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