

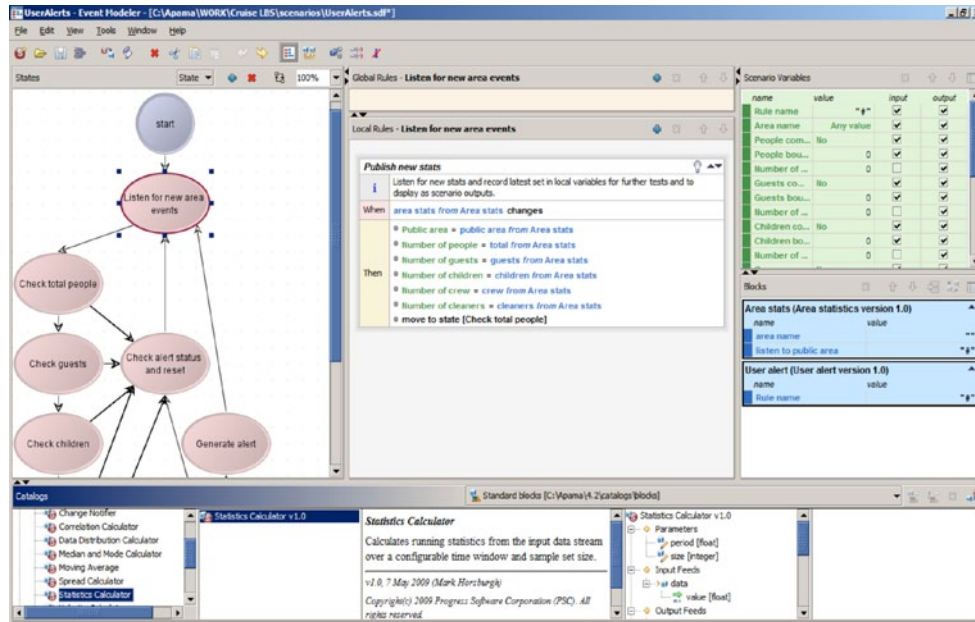
PROGRESS[®] APAMA[®] EVENT MODELER

GRAPHICAL MODELING FOR BUILDING EVENT-DRIVEN APPLICATIONS

In today's business climate there are many factors driving the requirements to build applications faster and more efficiently to drive real value for the bottom line. Business analysts are the custodians of your operational processes; they hold the keys to the kingdom of how application and analytical logic should behave. Too often they are restrained by traditional IT methodologies for bringing new applications features to market.

A highly intuitive graphical modeling tool, the Progress[®] Apama[®] Event Modeler is designed specifically for business and quantitative analysts. In those environments where business requirements can change quickly and there is a bottom-line imperative to ensure that applications are developed and deployed quickly. The Event Modeler empowers analysts to meet those demanding circumstances. Analysts can take control of a greater portion of the "business logic" of event-driven applications. The Event Modeler reusable code modularity feature, Progress[®] Apama[®] SmartBlocks™, efficiently allows analysts to leverage traditional IT development of specialized code modules. In the end, the Apama Event Modeler gives business analysts a tool to translate business requirements directly into event-driven application logic. It includes a whole suite of functions expressly designed to:

- > Define and test of business rules
- > Leverage custom code modules or SmartBlocks within rule logic
- > Use and define suitable business analytics
- > Design parameterized input and dashboard output



EVENT-DRIVEN APPLICATIONS OR SCENARIOS CREATED WITHIN EVENT MODELER HAVE THE FOLLOWING COMPONENTS:

<p>SmartBlocks</p>	<p>Reusable building block components:</p> <ul style="list-style-type: none"> > Encapsulate logic for abstraction over external connectivity > Provide a set of analytical functions > Provide a set of operational actions such as controlling external devices, directing a business process or placing an order <p>SmartBlocks bridge the gap between low-level coding in the Apama EPL or Java and the Apama Event Modeler. In so doing, SmartBlocks also bridge the gap between IT and the analyst. Included in the Apama product is an entire suite of pre-packaged SmartBlocks for:</p> <ul style="list-style-type: none"> > Capital Markets analytics (EWMA, VWAP, RSI, MACD, P&L, Position, etc.) > Capital Markets connectivity (Market data, OMS, EMS, etc.) > General analytics (Moving average, Std Dev, Correlation, Mean, Mode, Spread, Velocity, ...) > Database (ODBC, JDBC, Vhayu, KX systems) > Messaging (JMS, TibRV) > Date and time functions <p>... and many more.</p>
<p>Event Flow</p>	<p>The logical flow of event data through a Scenario. As event data enters from external sources, it flows through various interconnected SmartBlocks, where it is aggregated, filtered and otherwise enriched.</p>
<p>Rules</p>	<p>User definable if-then (or when-then) statements that leverage event-flow data to create business logic.</p>
<p>States</p>	<p>A Scenario is visually described in a workflow state diagram. That depicts the logical states of an event-driven application. This is something you, as the analyst, define initially, then add the logical rules to each state.</p>
<p>Parameterization</p>	<p>Scenarios defined with the Apama Event Modeler are in effect an application template. When a scenario is deployed, parameterized instances are created based on the input values or parameters defined by the scenario. This is a fundamental capability of the Event Modeler. This instance creation model leverages the Apama runtime engine's scalability features for parallelism on multi-core processors.</p>

MATURE PLATFORM FOR PRODUCTIVITY, PERFORMANCE AND INTEGRATION

Apama's event-based 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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