

## Modeling tool automatically generates sequence diagrams

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### PRODUCT NEWS

#### [Saifun claims 2-Mbit serial EEPROM provides density lead](#)

Saifun Semiconductor Ltd. has developed a 2-Mbit serial EEPROM memory that fits within an SO-8 package. The company claimed this is an industry first, enabled by its proprietary 2-bit per memory cell technology, which is four times denser than rival companies' EEPROM technology.

#### [Board runs DSP apps at 48GFLOPs](#)

CHAMP-AV IV is high-performance quad processor DSP VMEbus board with quad 1.5GHz FreeScale MPC7448 PowerPC processors.

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#### [FlexRay license expands Fujitsu's auto offering](#)

Fujitsu has acquired a license to use the FlexRay Communication Controller IP module from Robert Bosch so it can embed FlexRay IP into its automotive-control MCUs.

#### [Workshop looks at body sensor networks](#)

Issues relating to the use of wearable/wireless and implantable sensors are to be covered at an event to be held at Imperial College, London on April 12 and 13.

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EventStudio 2.5 is a sequence-diagram based modeling tool for system design and architecture that supports generation of message sequence charts (MSCs) and call flow diagrams used in telecom and embedded system development. The EventHelix.com Inc. says its tool provides advanced constructs for sequence-diagram based object modeling for systems with a large number of interacting objects and supports process workflow generation for re-engineering applications.

EventStudio, which runs on a Windows platform, specifically Windows NT/2000/XP platforms, uses a simple declarative modeling language for modeling object interactions in the system. EventStudio takes developers' descriptions of system interactions and analyzes the model for design errors, inconsistent operations, resource leaks, and invalid timer operations. Once the design issues have been addressed, EventStudio automatically generates sequence and collaboration diagrams.

EventStudio also allows developers to explore a number of success and failure scenarios without documenting each scenario. The developers define a base scenario and then define other scenarios by specifying the differences with the base scenario. EventStudio manages the scenario definitions and generates the documents by merging the base scenario with the specified differences for each scenario.

EventStudio automatically handles diagram layout, formatting, scaling and page breaks for sequence diagrams and collaboration diagrams generated in the Adobe PDF and Microsoft Word Picture (EMF) formats.

Objects in the system can be classified into groups and sub-groups. This classification is used to generate diagrams that focus on a particular aspect of the system. Some supported document types include interface documents that focus on the interactions involving an object or an object-group; a diagram focusing only on the inter-group interfaces; a document that only lists messages that match a specified regular expression.

EventStudio 2.5 is available now. The single license is priced at US \$99; discounted multilicense packs are also available.

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Gaithersburg, MD [www.EventHelix.com](http://www.EventHelix.com)

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