

LEARN HOW TO...

- Build block icons
- Write animation code and manage animation objects
- Use message handlers appropriately
- Use system and global variables
- Manage database tables and write database code
- Add connectors and use connector messages
- Author custom discrete event blocks
- Debug blocks using the Source Code Debugger

PUBLIC TRAINING

In 2012, public Rate-Based Modeling classes will be held:

February 13	Washington, DC
June 4	Knoxville, TN
September 24	Washington, DC

Cost: \$800 per student

Register at www.ExtendSimTraining.com

ON-SITE TRAINING

Privately held on-site classes can be scheduled in your facility and at your convenience.

For a class of up to 5 students, the cost is \$2000 plus instructor travel expenses (quoted on a Not To Exceed basis). Additional students are \$300 each, up to a maximum of 10 students.

Contact Imagine That Inc. for a quote or to reserve a training date.

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Learn how to use the discrete rate (rate-based) capabilities of ExtendSim AT.

RATE-BASED MODELING IN EXTENDSIM

A hybrid of continuous and discrete event modeling, discrete rate modeling simulates rates of flow that change when events occur. This is the most common, and most efficient, method of modeling high-speed, high-volume systems such as packaging lines, mining operations, the manufacturing of powders and fluids, chemical processes, and so forth.

This course explores each block in the Rate library and presents modeling techniques such as:

- Sources, storage, and units
- Defining rates and critical constraints
- Methods for merging and diverging flow
- Control logic, including goals, hysteresis, shifts, and changeovers
- Mixing flow and items, such as for filling and palletizing operations

Combine this course with ExtendSim Databases and Data Management plus Programming in ExtendSim for a week-long advanced ExtendSim training and receive a 25% package discount -- regularly \$4000 for the week, combine all three courses and pay just \$3000.

WHO SHOULD ATTEND

This course is designed for Engineers, Managers, System Analysts, and anyone else who wants to learn how to create custom components and features in ExtendSim.

PREREQUISITES

Completion of an Essential Training for ExtendSim class or, on instructor approval, a comparable proficiency. This requirement is absolutely necessary before taking this course.

MATERIALS PROVIDED

- Laptop computer for each student's use
- Course manual with case studies
- Solution files for all exercises

