

Tutorial

Stopwatch model sample

- Creating an executable stopwatch model
 - Creating a new UML project
 - Creating the stopwatch structure
 - Defining the stopwatch Classifier Behavior
 - Defining the stopwatch operations by using Activities
 - Creating resetTime Operation and resetTime Activity
 - Creating increaseTime Operation and increaseTime Activity
 - Adding Activities to the ready and running States
 - Adding a reset Activity to the ready State
 - Adding an increase activity to the running state
- Executing the stopwatch model
 - Executing the StopWatch class
 - Executing the StopWatch instance specification
 - Executing the StopWatch using Simulation Configuration
- Creating User Interface mockups for the stopwatch model

Using simulation command line and showing test results through Jenkins

Analysis pattern

- Rollup Pattern simulation
- Monte Carlo simulation
- Trade study analysis

Integrating widgets for simulation