Activity simulation

Activity simulations essentially require the Activity simulation engine in Cameo Simulation Toolkit to perform all Activity-based simulations. The details are outlined in the following topics:

- Activity simulation engine
  Running Activity Simulation in Activity diagrams or Activity elements.

- Creating a model for Activity simulation
  Simulating Classifiers defined by Activities.

- Executing Activities
  Suspending the simulation with breakpoints.

- Activity duration simulation
  Calculating and analyzing Activity duration and specifying duration constraints.

- Duration analysis
  Directing target objects to the callOperationAction.

- Running a Call Action simulation without a target pin
  Simulating a CallOperationAction that does not have a target pin to select a runtime object as a target.

- Activity Partition execution and allocated Behavior
  Using Activity Partition as an element in the Activity diagram to set the boundary of simulation of an execution.

- Execution of incomplete/dummy models
  Executing incomplete and dummy models with Behaviors of Actions when input or output pins or any properties of Actions are not specified or present.