FROM RESEARCH TO INDUSTRY

cea tech

list

[PSSM] – WEBEX NOVEMBER 20 TH

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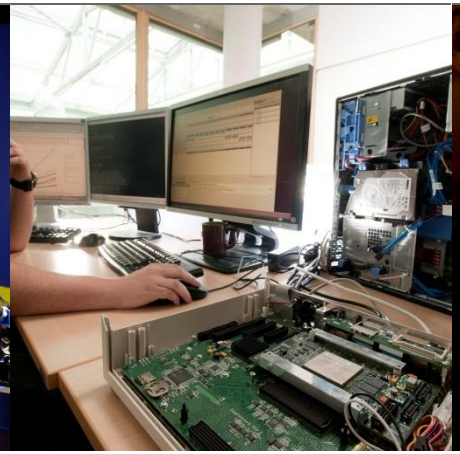

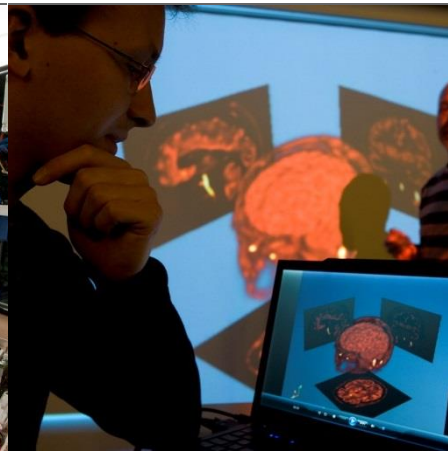

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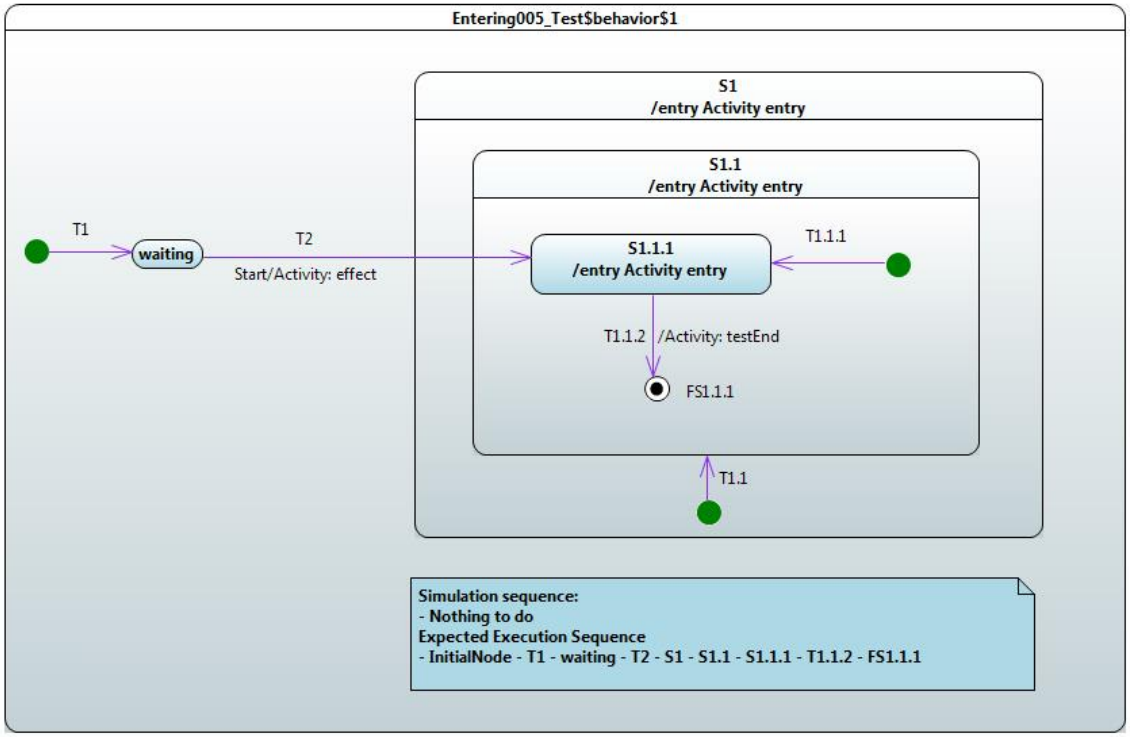
HANDLING EXPLICIT ENTRY OF REGIONS

TEST CASE 1

Entering005	If the incoming Transition or its continuations terminate on a directly contained substate of the composite State, then that substate becomes active and its entry Behavior is executed after the execution of the entry Behavior of the containing composite State. This rule applies recursively if the Transition terminates on an indirect (deeply nested) substate. (p.324)

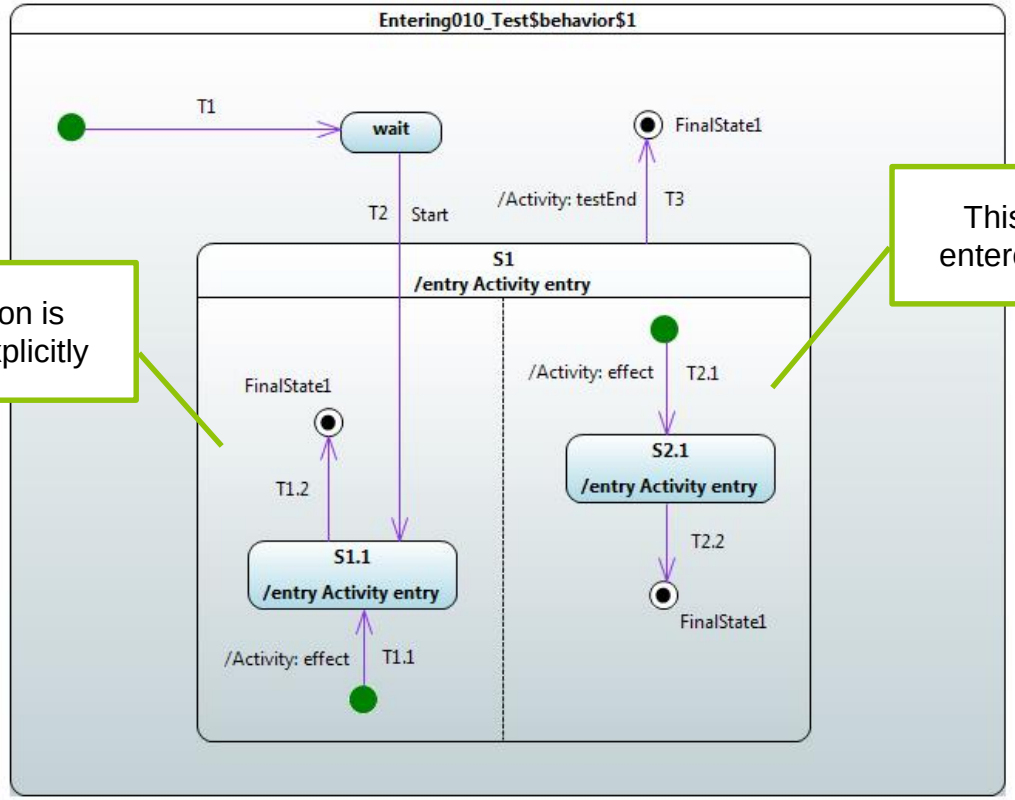


https://git.eclipse.org/r/#/c/60246/
https://git.eclipse.org/r/#/c/60247/

HANDLING EXPLICIT ENTRY OF REGIONS

TEST CASE 2

Entering_010	If the composite State is also an orthogonal State with multiple Regions, each of its Regions is also entered, either by default or explicitly. (p.324)



This region is entered explicitly

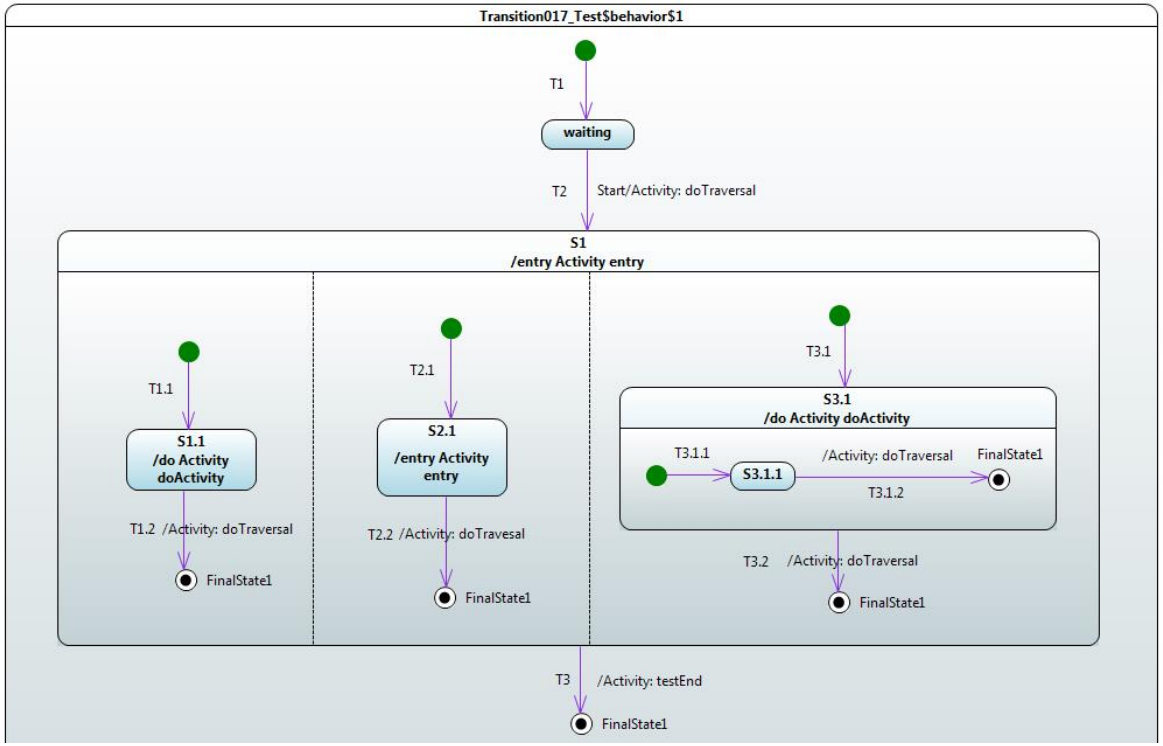
This region is entered implicitly

https://git.eclipse.org/r/#/c/60247/
https://git.eclipse.org/r/#/c/60246/

COMPLETION EVENTS

FIX – FIFO STRATEGY

Discussion during the last webex	**The completion events are dispatched using FIFO strategy**

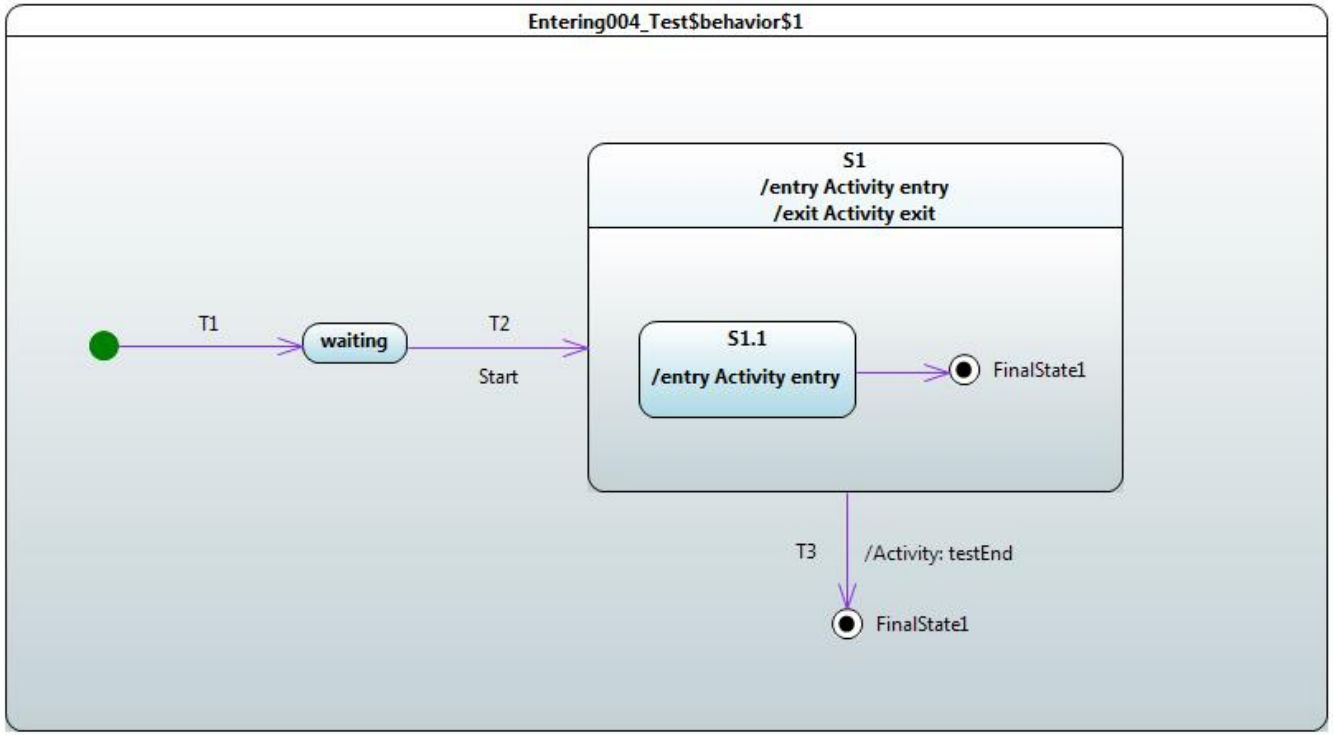


https://git.eclipse.org/r/#/c/60248/

TREAT ILL FORMED COMPOSITE STATE

CONSIDERED AS LEAF STATE

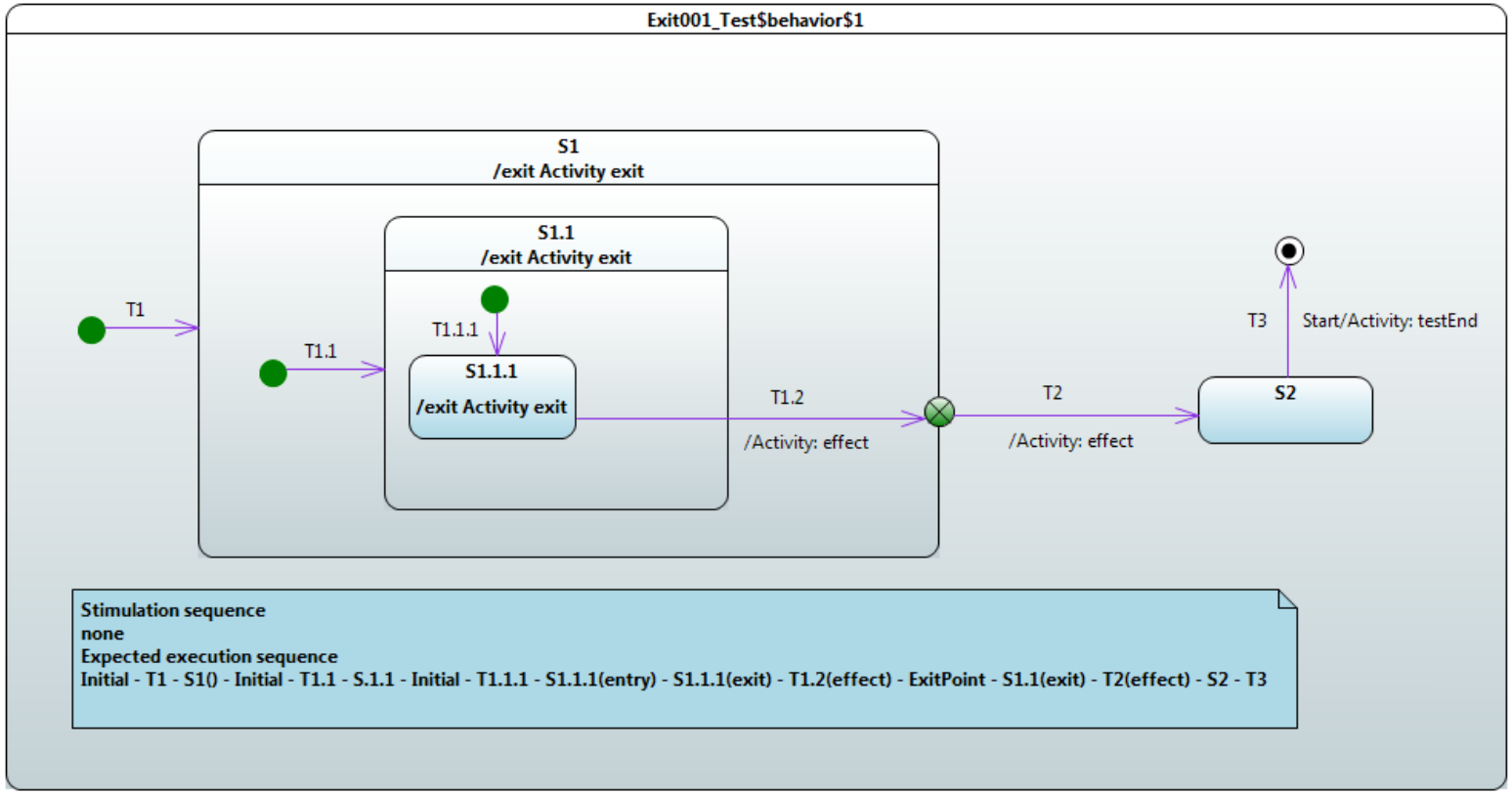
Entering_004	If no initial Pseudostate is defined, there is no single approach defined. One alternative is to treat such a model as ill formed. A second alternative is to treat the composite State as a simple State, terminating the traversal on that State despite its internal parts. (p.324)



https://git.eclipse.org/r/#/c/60276/

EXIT A STATE THROUGH AN EXIT POINT

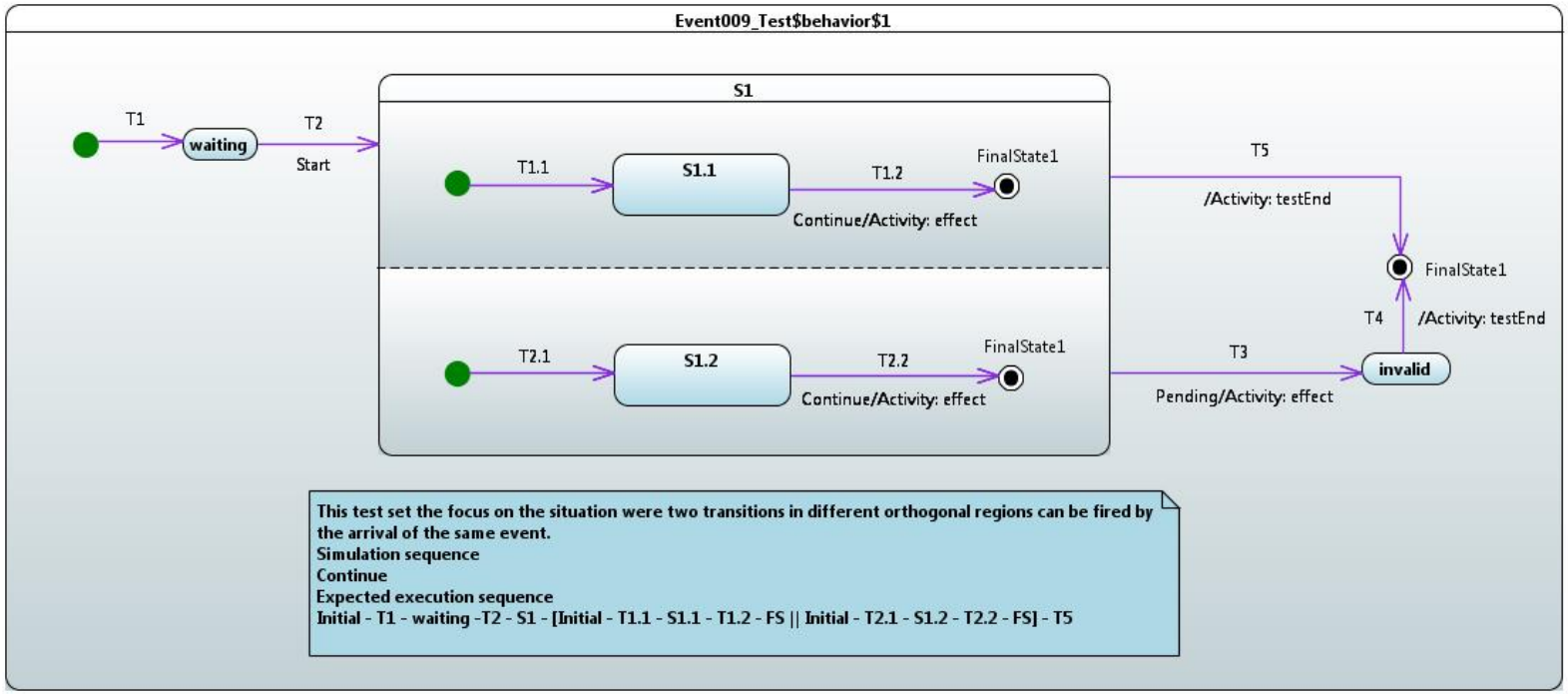
Exit_001	Transitions terminating on an exit point within any Region of the composite State implies exiting of this composite (with execution of its associated exit Behavior). (p.327)



https://git.eclipse.org/r/#/c/60912/

THE SAME EVENT CAN FIRE MULTIPLE TRANSITIONS

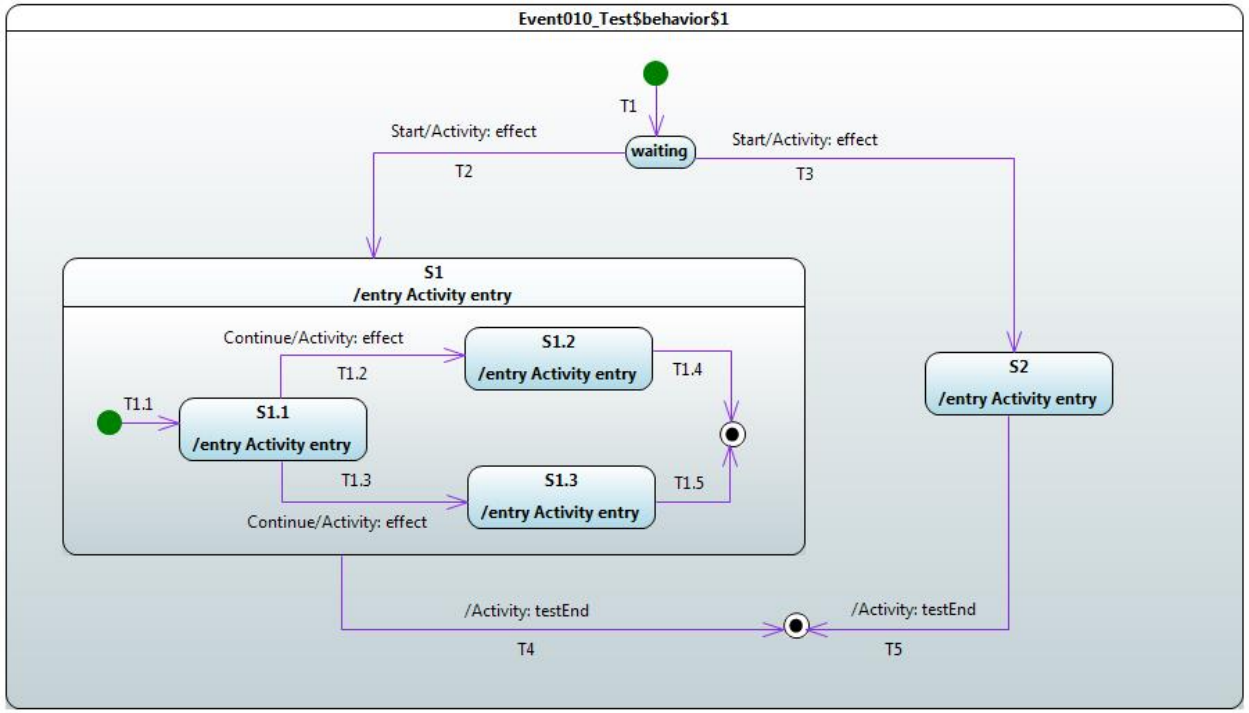
Event_009	it is possible that multiple Transitions (in different Regions) can be triggered by the same Event occurrence. The order in which these Transitions are executed is left undefined. (p.330)



https://git.eclipse.org/r/#/c/60913/

THE SAME EVENT CAN FIRE MULTIPLE TRANSITIONS

Event_010	it is possible for multiple mutually exclusive Transitions in a given Region to be enabled for firing by the same Event occurrence. In those cases, only one is selected and executed. Which of the enabled Transitions is chosen is determined by the Transition selection algorithm described below. (p.330)



https://git.eclipse.org/r/#/c/60913/