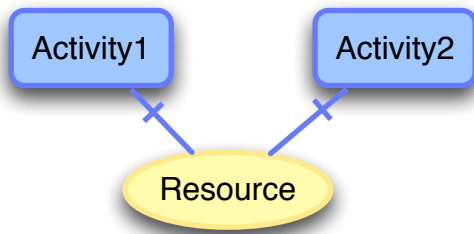


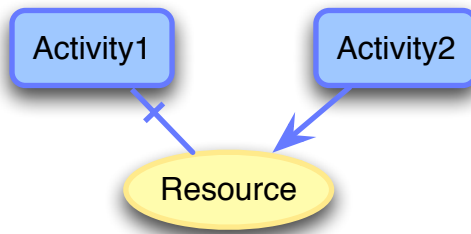
254, 252, 183
255, 234, 152

160, 201, 250
105, 124, 247

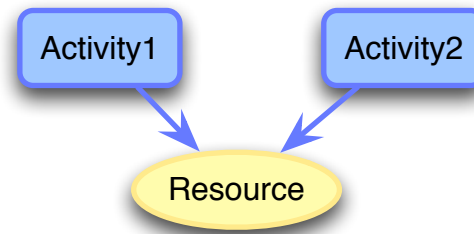
255, 191, 184
255, 124, 118



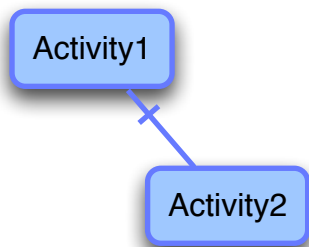
(a) shared-resource



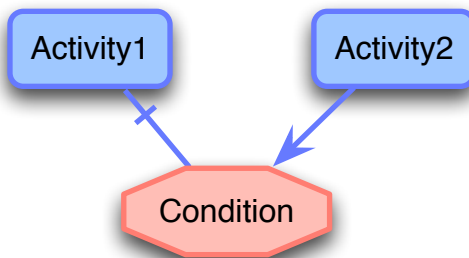
(b) producer-consumer



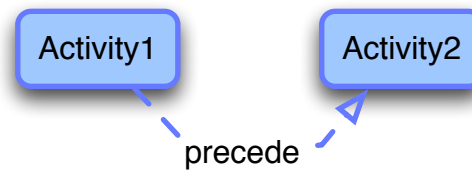
(c) common-output



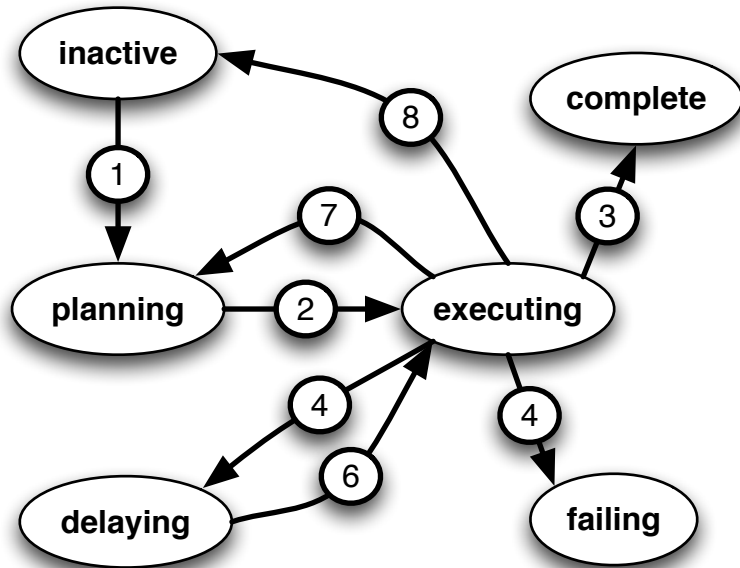
(d) direct goal dependency



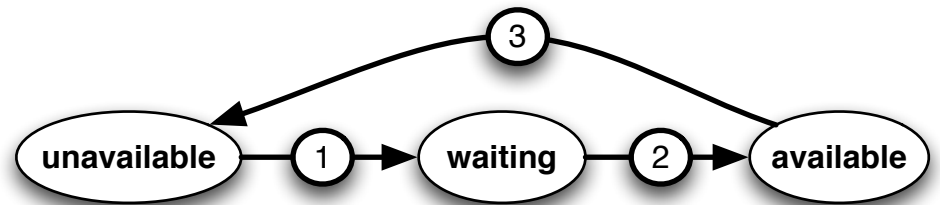
(e) indirect goal dependency



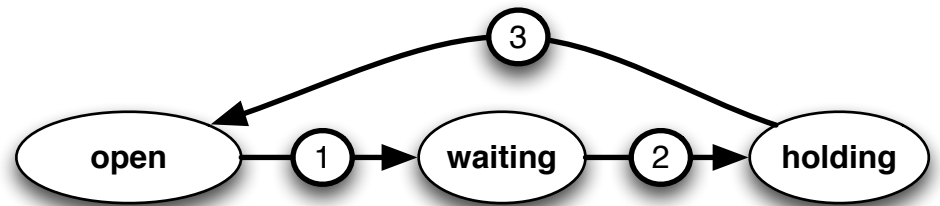
(e) temporal constraint



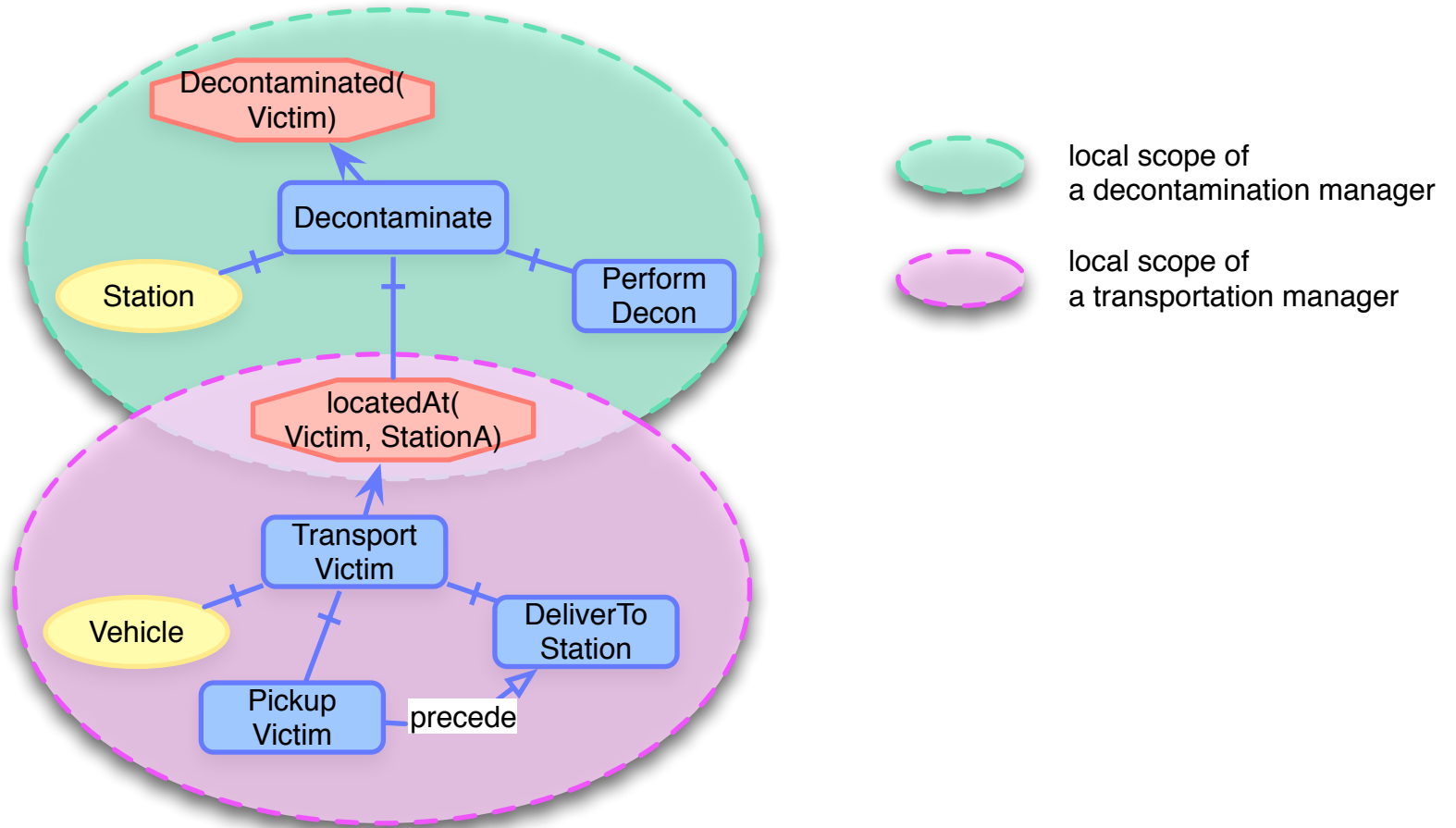
(a) state transitions of an activity

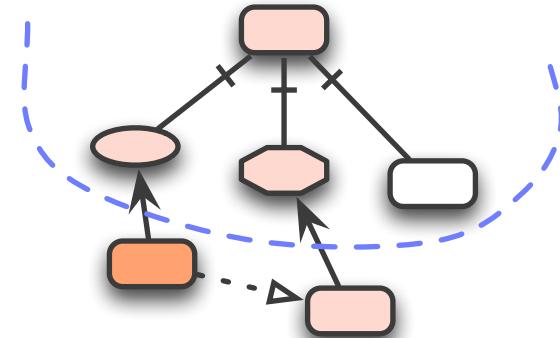
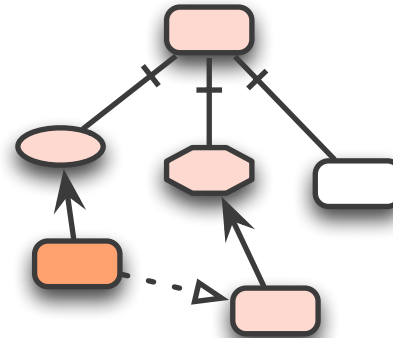
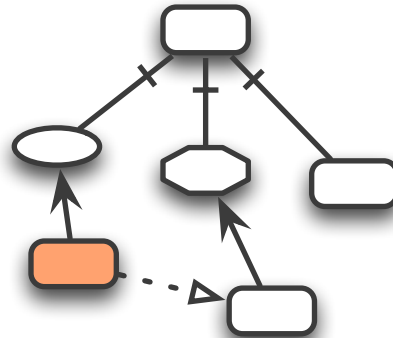
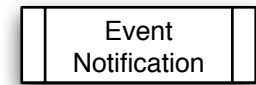
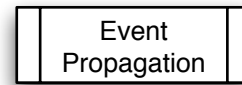
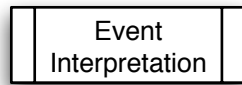


(b) state transitions of a resource



(c) state transitions of a condition



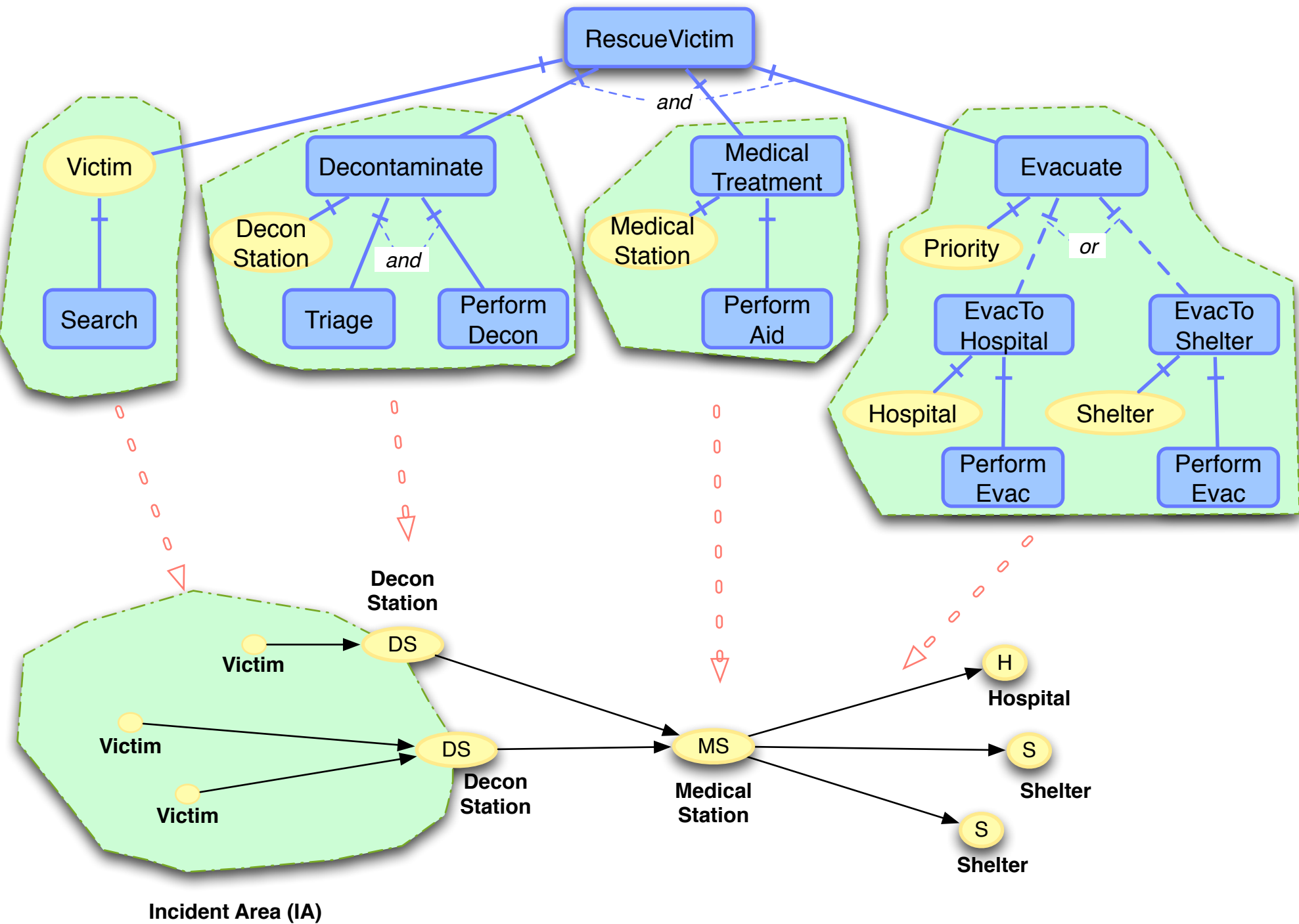


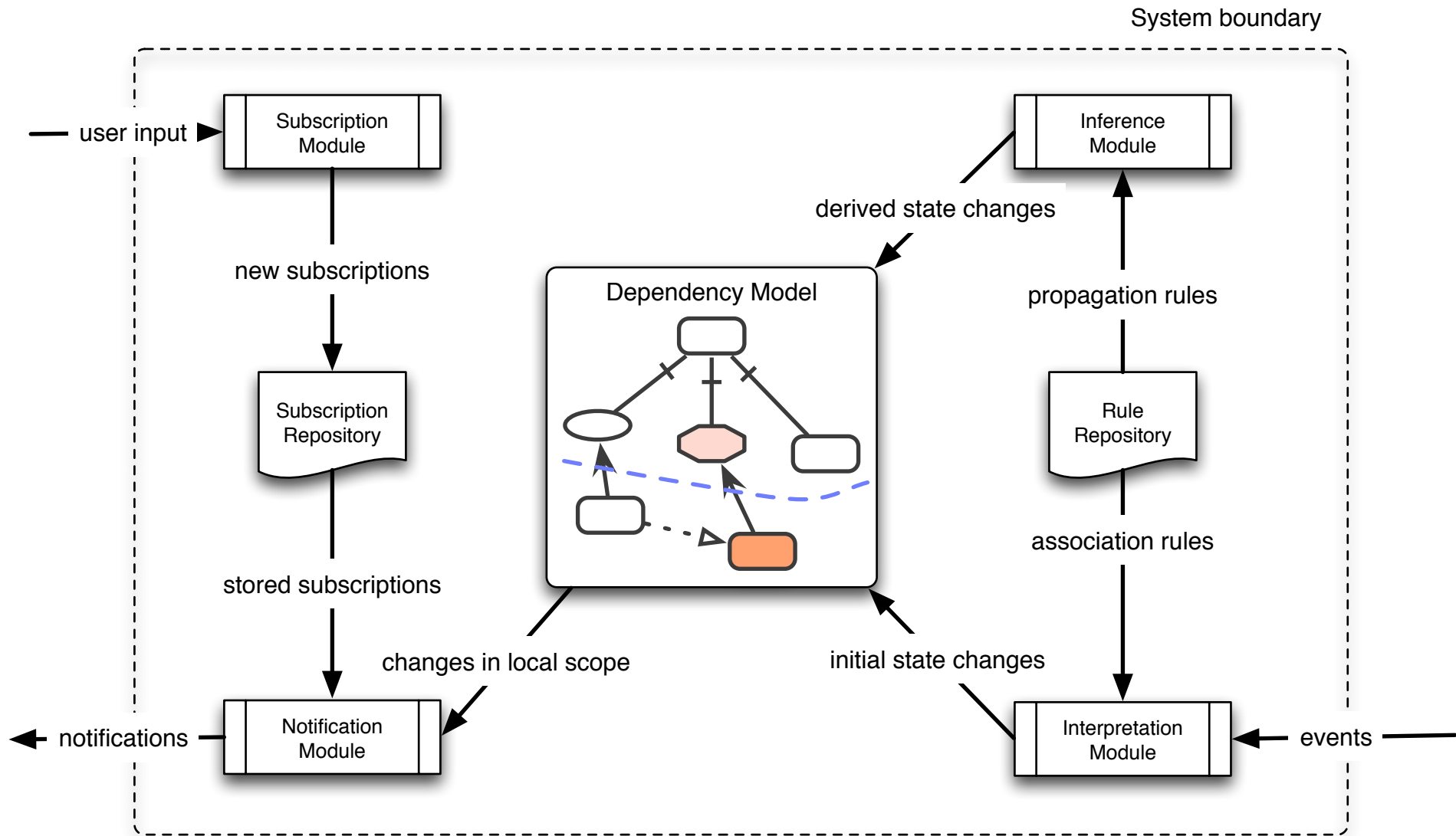
(1) an event is recognized by sensors

(2) the event is associated with a node in the activity model

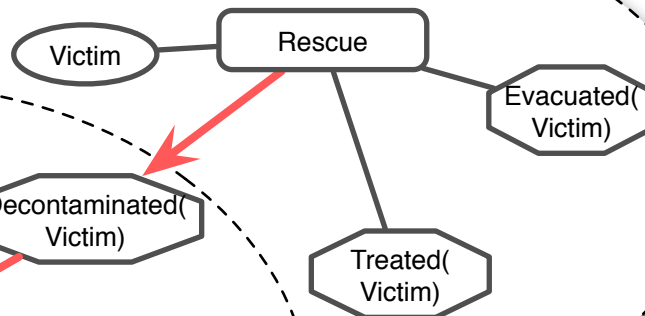
(3) the change is propagated in the activity model

(4) only the changes in a user's local scope are notified





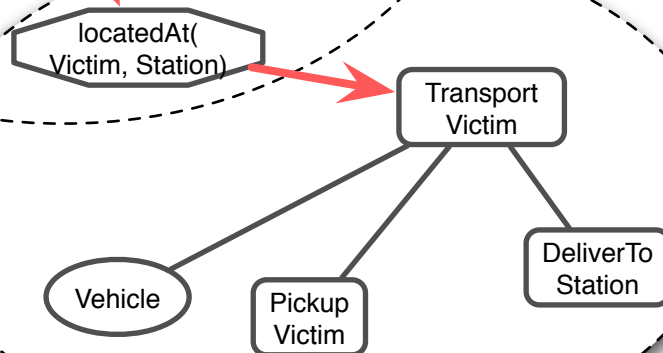
Local scope of actor 1

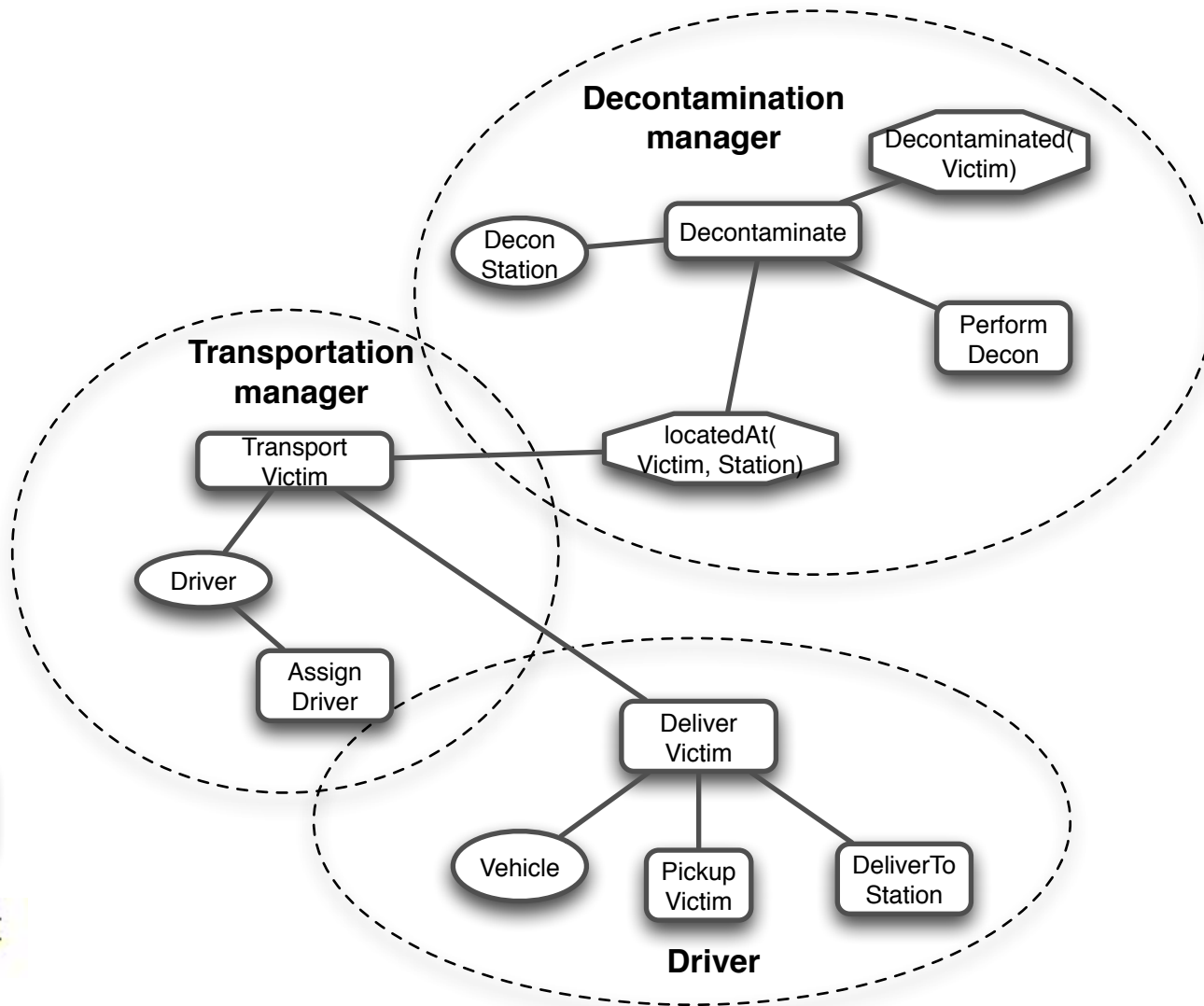
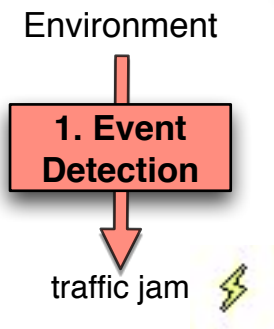


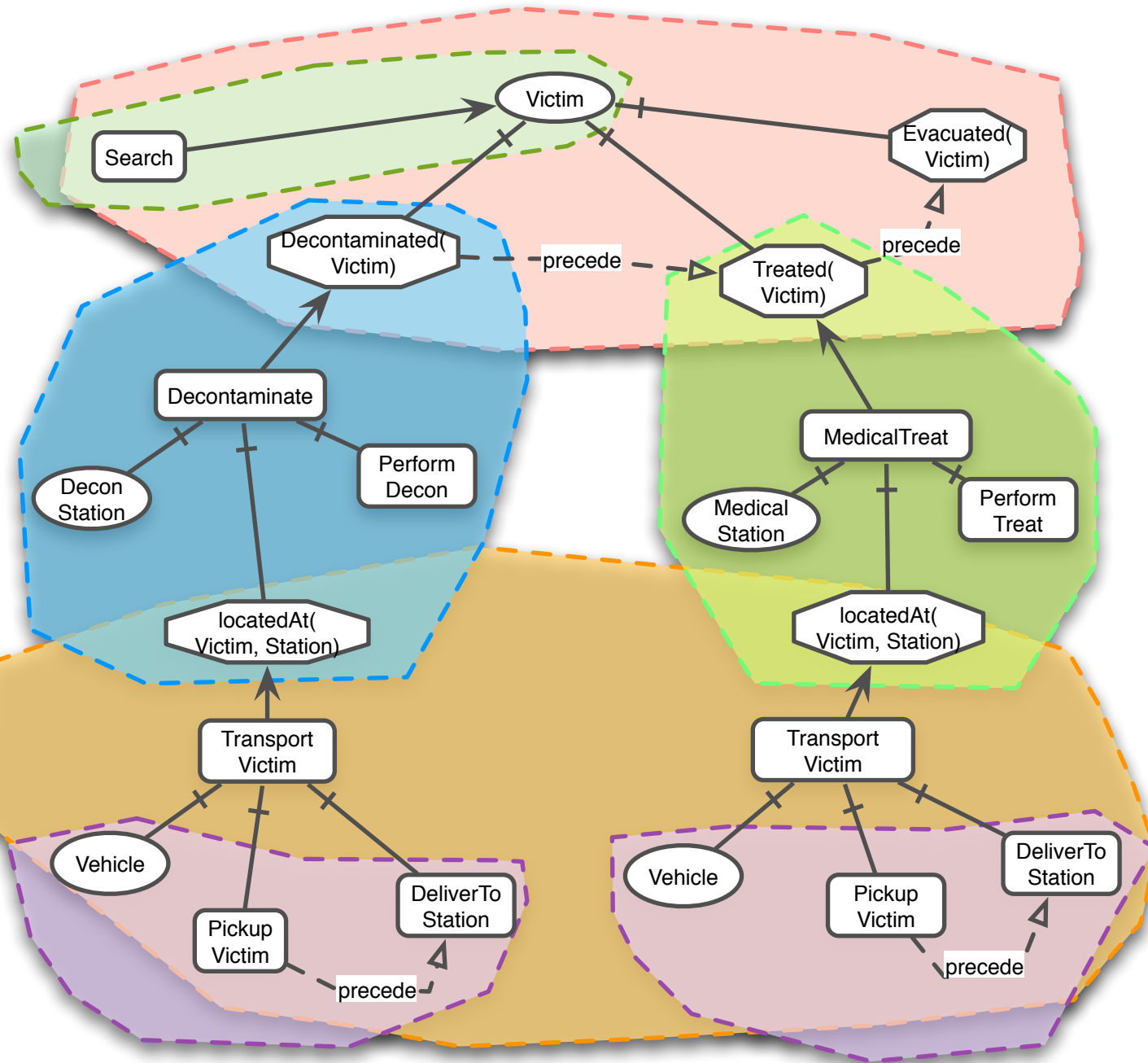
Local scope of actor 2









Local scope of actor 3









Legends

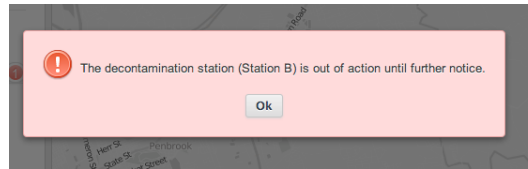
-  activity
-  resource
-  condition
-  decomposition link
-  means-ends link
-  constraints link

Scopes of interest

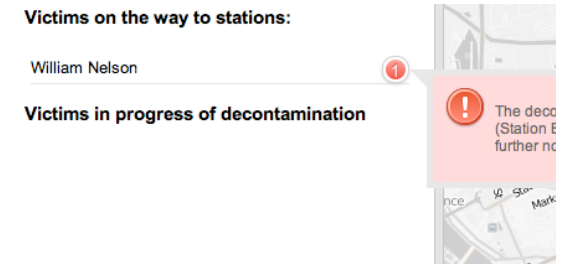
-  victim manager
-  first responder
-  decontamination manager
-  medical manager
-  transportation manager
-  driver



a. banner



b. alert



c. badge

