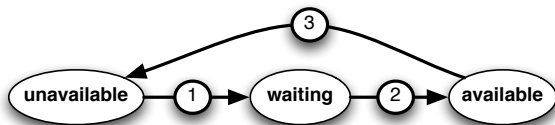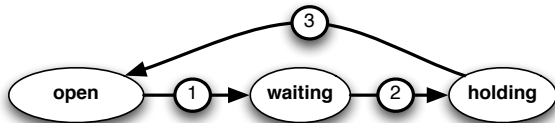(a) state transitions of an activity

(b) state transitions of a resource

(c) state transitions of a condition