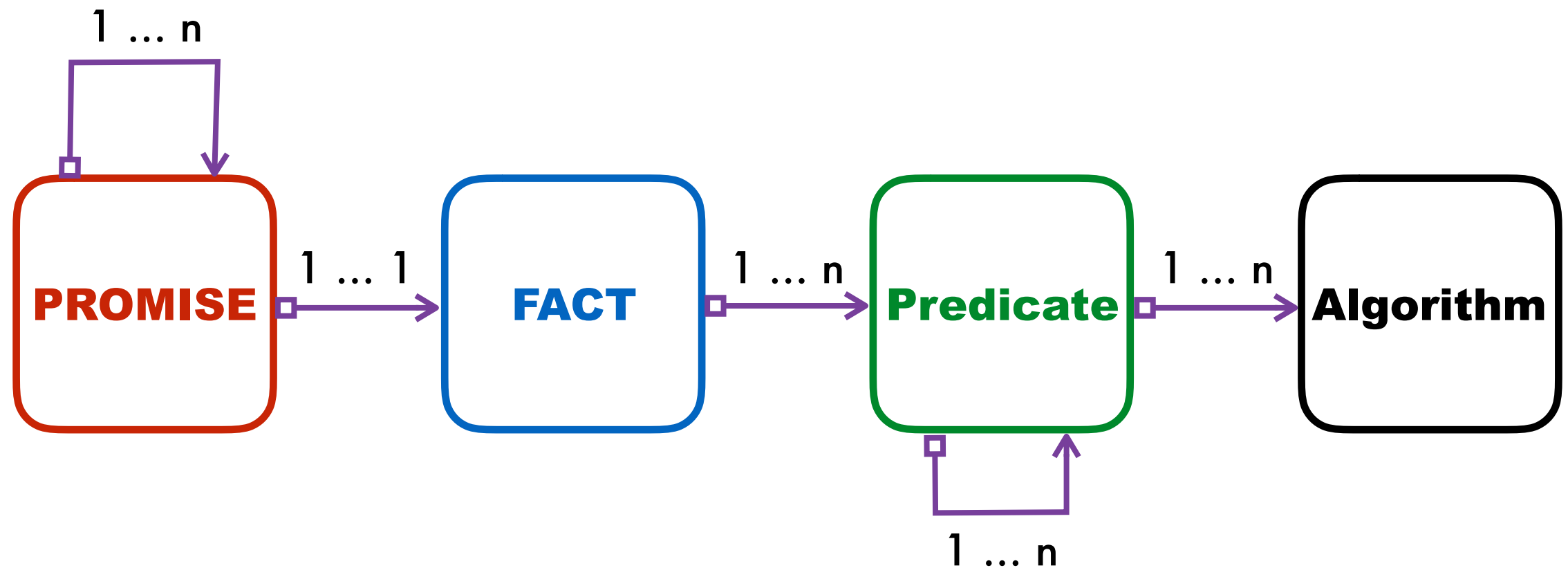


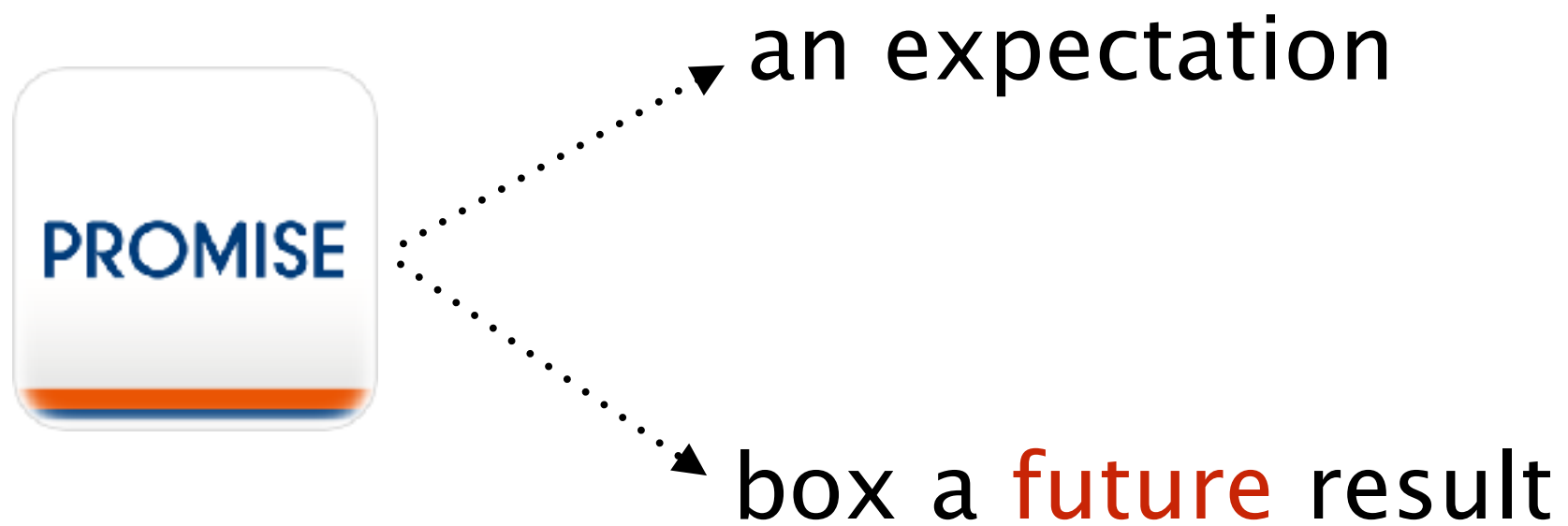
Promise based assertion framework

- for ADAS automatic test system

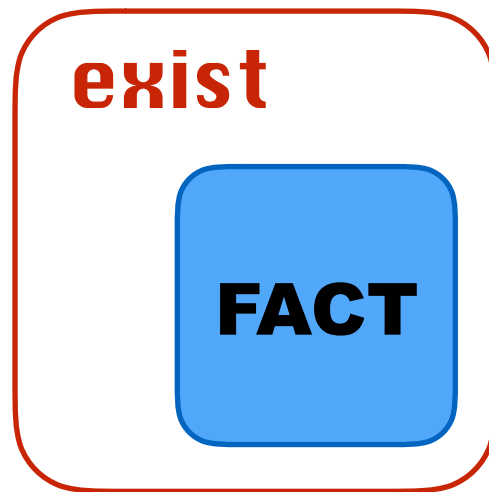
Conception



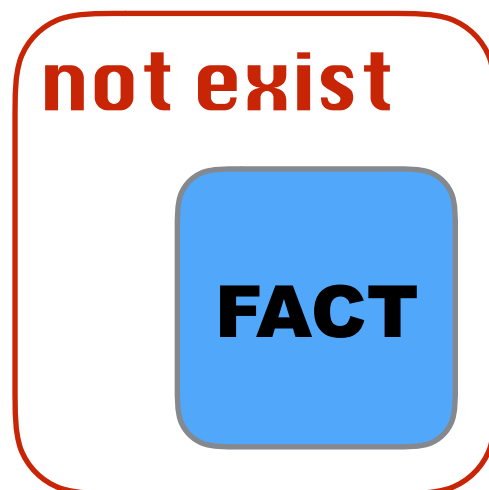
Promise



Promise : expectation



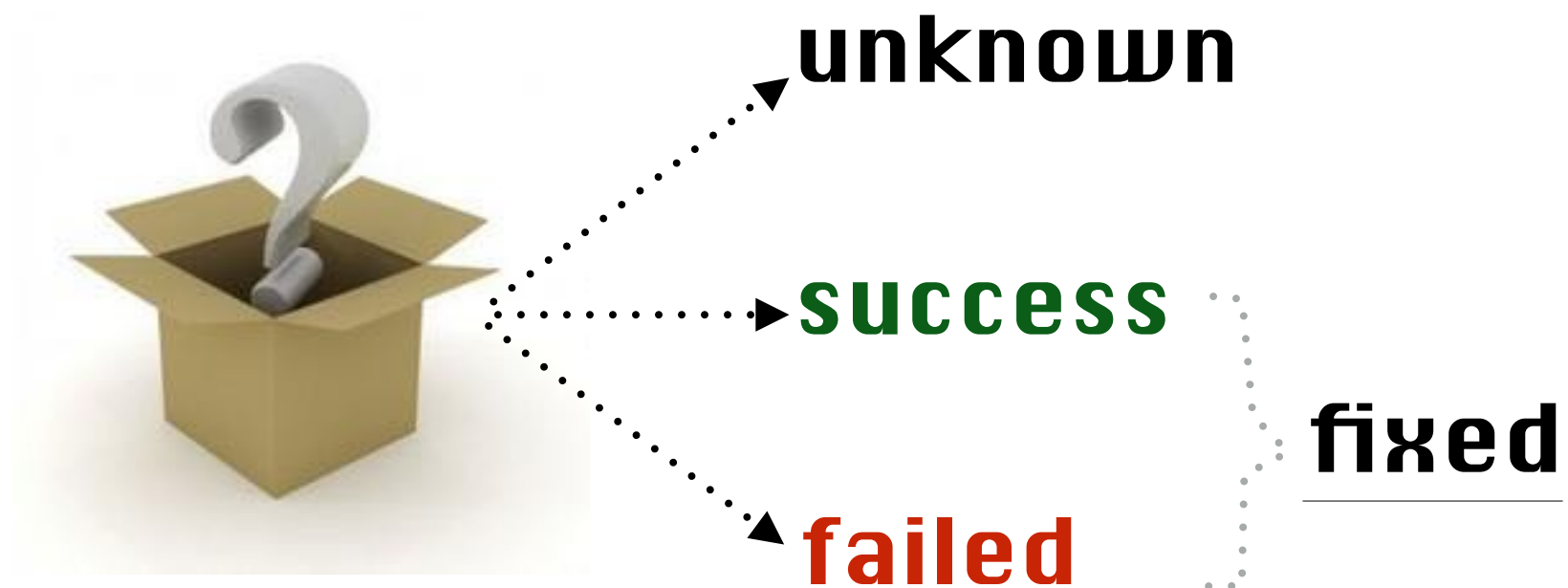
promise: **exist** collision



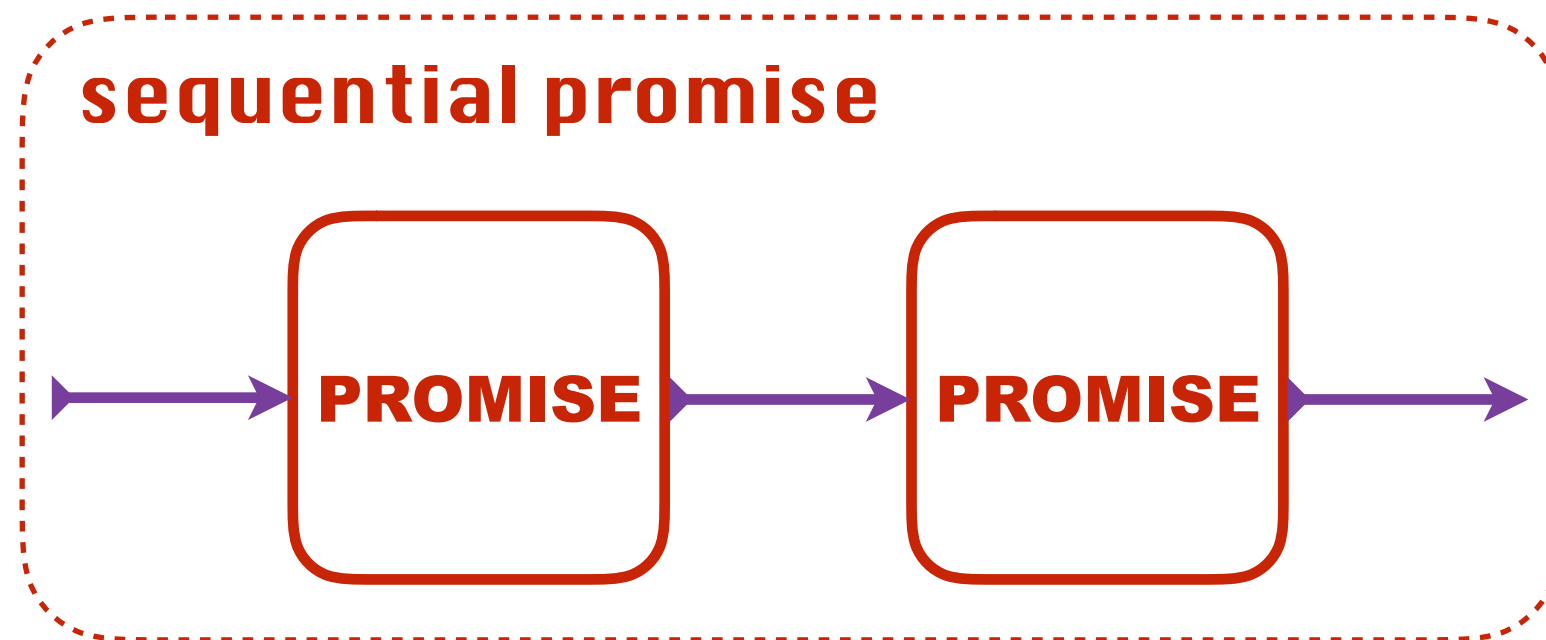
promise: **not exist** collision

2 basic promises

Promise : result

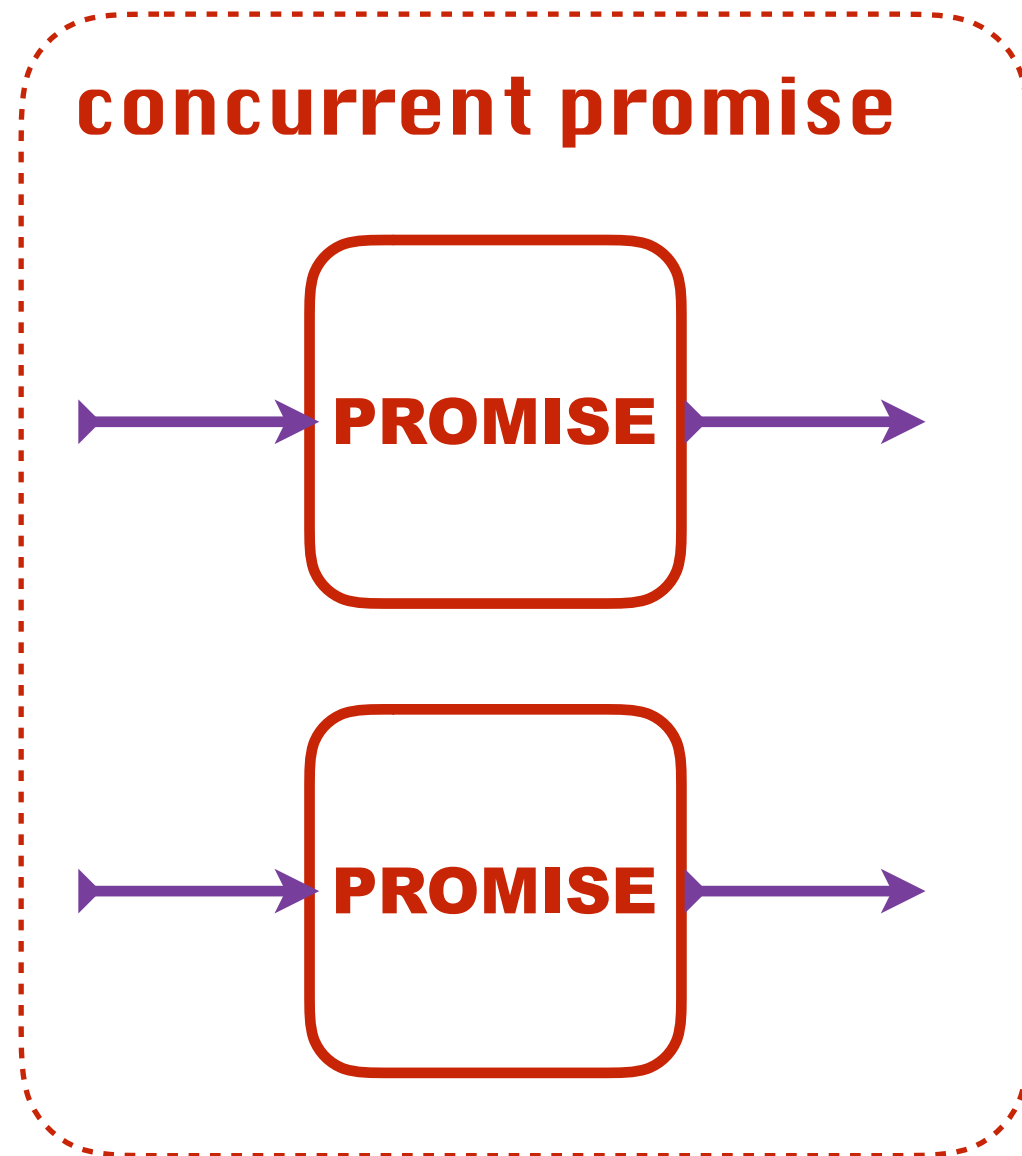


Promise : relationship



1. vehicle 0 is stop
2. distance of vehicle 0 and vehicle 1 is between 5m and 15m

Promise : relationship



1. vehicle 0 is not collision
2. vehicle 0 is stop

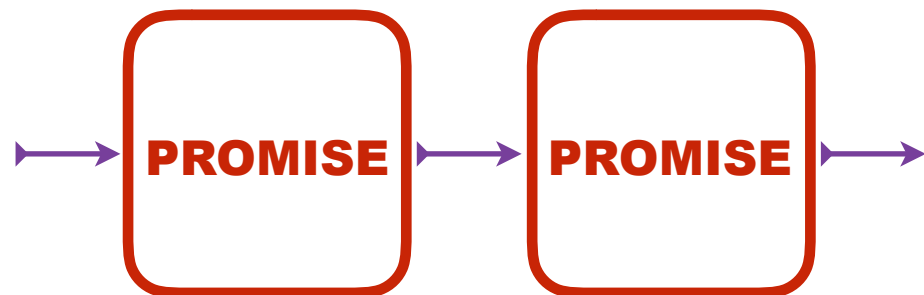
Promise : composite

promise

concurrent promise

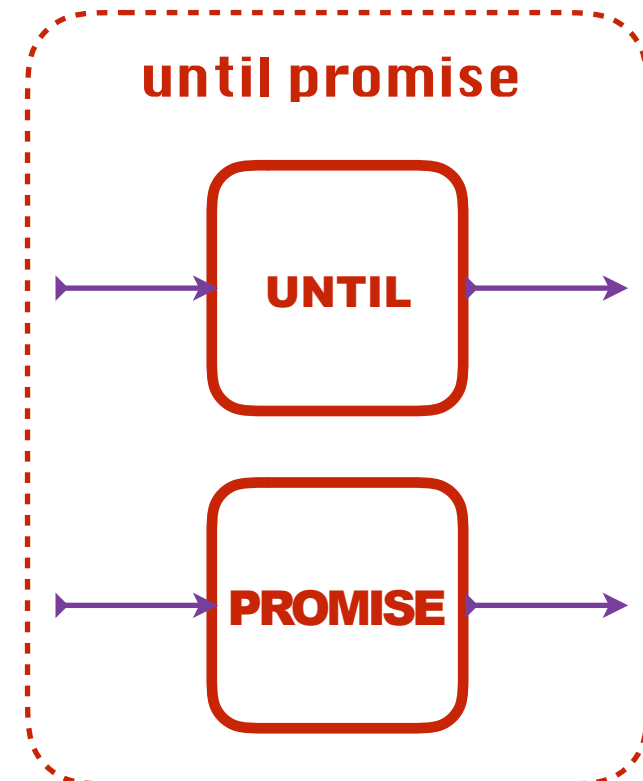
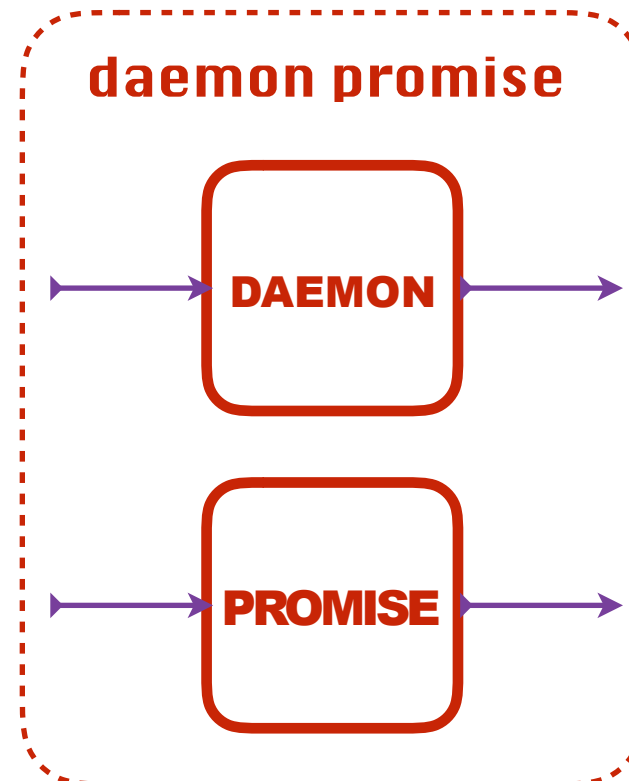
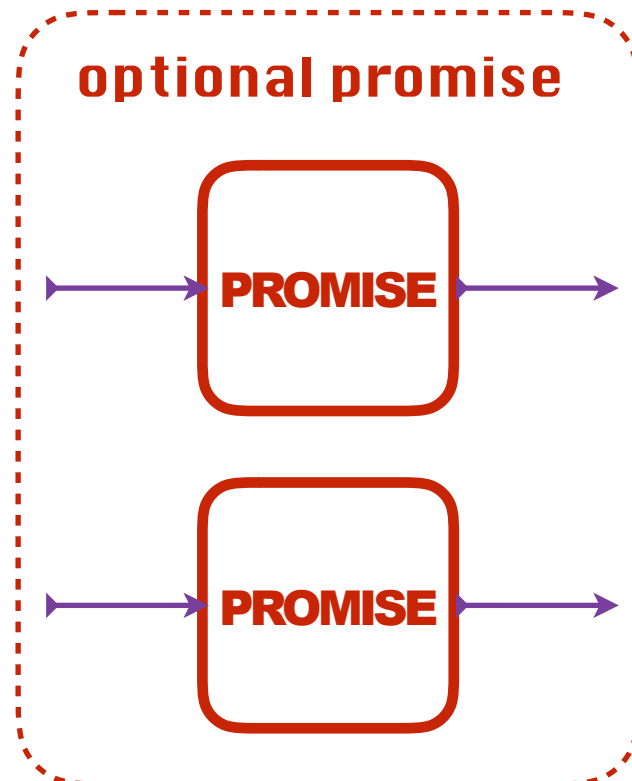
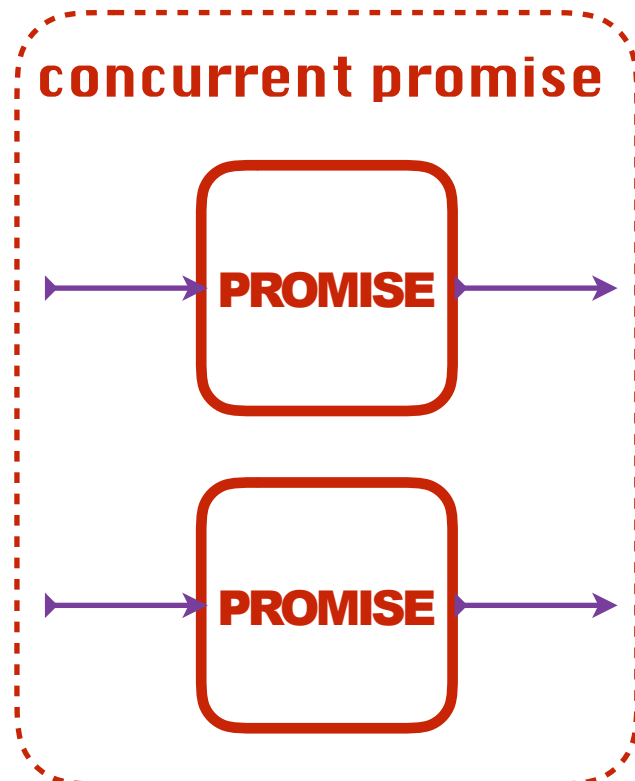
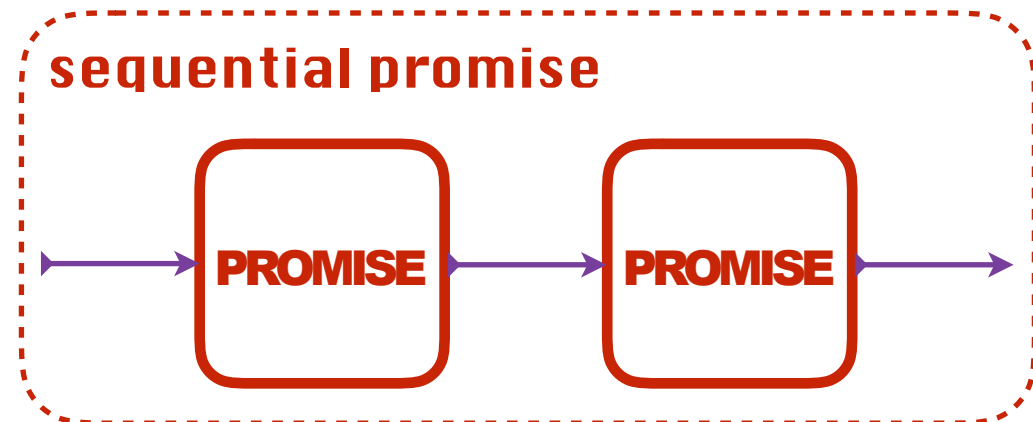
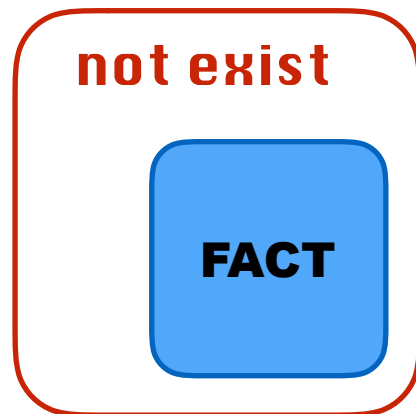
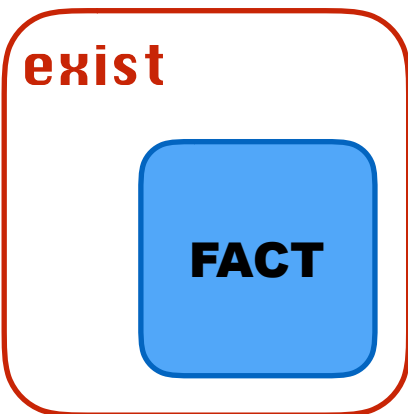


sequential promise



1. vehicle 0 is not collision
2. vehicle 0 is stop
3. distance of vehicle 0 and vehicle 1 ...

Promise : all



Fact