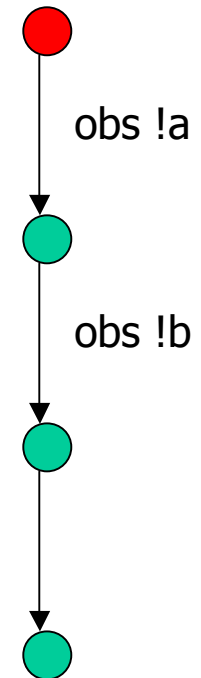
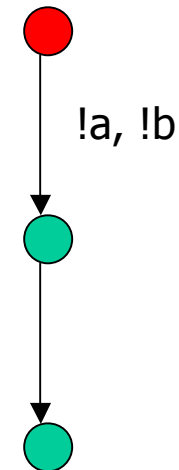


observer semantics

Composition Model

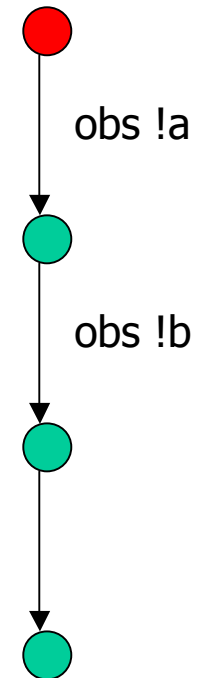
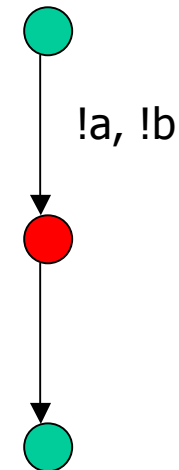
- **weak synchronized composition:**
 - do
 - 1) execute model transition
 - 2) collect observable events
 - 3) trigger zero or more observer transitions (*run-to-completion*)
 - repeat



observer semantics

Composition Model

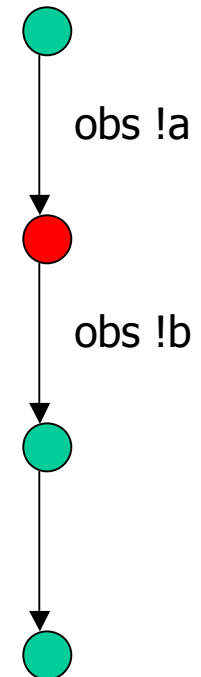
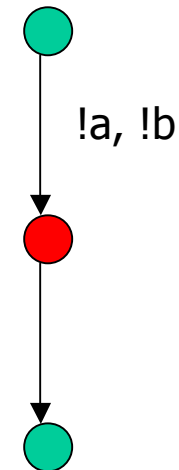
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observer semantics

Composition Model

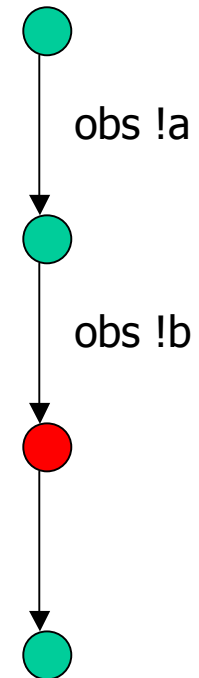
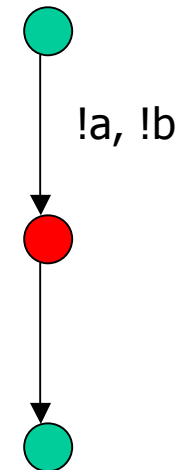
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observer semantics

Composition Model

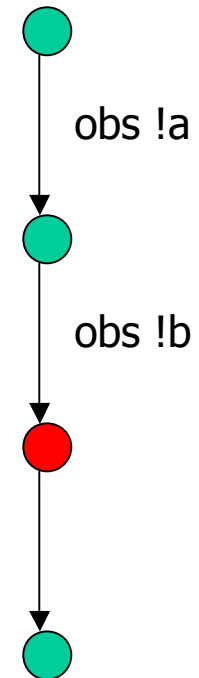
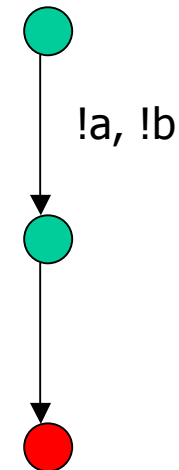
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observer semantics

Composition Model

- **weak synchronized composition:**
 - do
 - 1) execute model transition
 - 2) collect observable events
 - 3) trigger zero or more observer transitions (*run-to-completion*)
 - repeat



composition model

- weak synchronized composition
- observer transitions
 - **scheduled** between every two steps of the system
 - **evaluated** on the result system configuration
 - **urgency**
 - **eager** - do not let time pass
between system and observer execution
 - ... but **do not block time** if not enabled

communication model

