

## ecl-trans-act<sup>11,40</sup>

$$\begin{aligned} & \text{ecl-trans-act}(ds; da; A)(n, L) \\ \equiv_{\text{def}} & \exists L': \text{event-info}(ds; da) \text{ List} \\ & \exists tr: \text{event-info}(ds; da) \\ & ((L = \text{append}(L'; \text{cons}(tr; []))) \\ & \wedge \text{spreadn}(tr; \\ & \quad k, s, v. ((k \in \text{ecl-trans-ks}(A)) \\ & \quad c \wedge (\uparrow(\text{ecl-trans-a}(A)(n, k, s, v, \text{ecl-trans-state}(A; L')))))))) \end{aligned}$$

*clarification:*

$$\begin{aligned} & \text{ecl-trans-act}(ds; da; A)(n, L) \\ \equiv_{\text{def}} & \exists L': \text{event-info}(ds; da) \text{ List} \\ & \exists tr: \text{event-info}(ds; da) \\ & ((L = \text{append}(L'; \text{cons}(tr; [])) \in (\text{event-info}(ds; da) \text{ List})) \\ & \wedge \text{spreadn}(tr; \\ & \quad k, s, v. ((k \in \text{ecl-trans-ks}(A) \in \text{Knd}) \\ & \quad c \wedge (\uparrow(\text{ecl-trans-a}(A)(n, k, s, v, \text{ecl-trans-state}(A; L')))))))) \end{aligned}$$