

## consistent-updates<sup>13,45</sup>

consistent-updates( $es; In; Out; Cmd; isupdate; expl$ )

$$\equiv_{\text{def}} \forall e_1, e_2: E(Out). \\ \text{updates}(expl(e_1)) \leq \text{updates}(expl(e_2)) \vee \text{updates}(expl(e_2)) \leq \text{updates}(expl(e_1))$$

*clarification:*

consistent-updates( $es; In; Out; Cmd; isupdate; expl$ )

$$\equiv_{\text{def}} \forall e_1: \text{es-E-interface}(es; Out), e_2: \text{es-E-interface}(es; Out). \\ \text{updates\_of}(In; isupdate; expl \\ (e_1)) \leq \text{updates\_of}(In; isupdate; expl \\ (e_2)) \in \text{es-E-interface}(es; In) \text{ List} \\ \vee \text{updates\_of}(In; isupdate; expl \\ (e_2)) \leq \text{updates\_of}(In; isupdate; expl \\ (e_1)) \in \text{es-E-interface}(es; In) \text{ List}$$