

**rmsg\_wf**<sup>11,40</sup>

$\forall E:\text{Type}, V:(\text{Knd} \rightarrow \text{Id} \rightarrow \text{Type}), \text{info}:(E \rightarrow ((:\text{Id} \times \text{Id}) + (:\text{IdLnk} \times E) \times \text{Id})),$   
 $\text{val}:(e:E \rightarrow V(\text{kind}(e), \text{loc}(e))), e:E.$   
 $(\uparrow \text{rcv?}(e) \Rightarrow (\text{rmsg}(\text{info}; \text{val}; e) \in \text{Msg}(\lambda l, tg. V(\text{rcv}(l, tg), \text{destination}(l))))$