

es-send-atom^{11,40}

$e \text{ sends } \parallel a \equiv_{\text{def}} \forall e': \mathbf{E}. (\uparrow \text{isrcv}(e')) \Rightarrow (\text{sender}(e') = e) \Rightarrow \text{val}(e') : \text{valtype}(e') \parallel a$

clarification:

$\text{es-send-atom}(es; e; a)$
 $\equiv_{\text{def}} \forall e': \text{es-E}(es).$
 $(\uparrow \text{es-isrcv}(es; e'))$
 $\Rightarrow (\text{es-sender}(es; e') = e \in \text{es-E}(es))$
 $\Rightarrow \text{free-from-atom}\{1\}(\text{es-valtype}(es; e'); \text{es-val}(es; e'); a)$