

f-rel^{11,40}

$\text{f-rel}\{\$z, \$wanted\}(es; L; e_1; e_2)$
 $\equiv_{\text{def}} (\neg(\text{loc}(e_2) = \text{loc}(e_1))) \text{ c} \wedge \text{the rcv}(\text{wanted message from } e_1 \text{ to } \text{loc}(e_2)) \leq \text{loc } e_2$

clarification:

$\text{f-rel}\{\$z, \$wanted\}(es; L; e_1; e_2)$
 $\equiv_{\text{def}} (\neg(\text{es-loc}(es; e_2) = \text{es-loc}(es; e_1) \in \text{Id}))$
 $\quad \text{c} \wedge \text{es-le}(es; \text{f-wanted}\{\$z, \$wanted\}(es; e_1; \text{es-loc}(es; e_2)); e_2)$