

conditional-send-p-realizable^{11,40}

$\forall k:\text{Knd}, ds:x:\text{Id} \text{ fp} \rightarrow \text{Type}, m\text{Typ}, v\text{Typ}:\text{Type}, l:\text{IdLnk}, tg:\text{Id},$
 $f:(\text{State}(ds) \times v\text{Typ}) \rightarrow (m\text{Typ} + \text{Top}).$
 $(\neg(k = \text{rcv}(l, tg)))$
 $\Rightarrow ((\uparrow \text{isrcv}(k)) \Rightarrow (\text{destination}(\text{lnk}(k)) = \text{source}(l) \in \text{Id}))$
 $\Rightarrow \text{Normal}(v\text{Typ})$
 $\Rightarrow \text{Normal}(m\text{Typ})$
 $\Rightarrow \text{Normal}(ds)$
 $\Rightarrow \vdash_{es}.k(v:v\text{Typ}) \text{ sends on } l [tg:m\text{Typ}, f \langle \text{state}, v \rangle]?$