

## conditional-send1-p-realizable<sup>11,40</sup>

$\forall k:\text{Knd}, T, A, B:\text{Type}, l:\text{IdLnk}, x, tg:\text{Id}, f:(A \rightarrow B \rightarrow T), c:(A \rightarrow B \rightarrow \mathbb{B}).$   
 $((\uparrow\text{srcv}(k))$   
 $\Rightarrow (\text{destination}(\text{lnk}(k)) = \text{source}(l) \in \text{Id} \ \& \ ((\text{lnk}(k) = l) \Rightarrow (T = B \ \& \ \text{tag}(k) = tg))))$   
 $\Rightarrow \text{Normal}(A)$   
 $\Rightarrow \text{Normal}(T)$   
 $\Rightarrow \text{Normal}(B)$   
 $\Rightarrow \vdash \text{es. } k(v:B) \text{ sends}$   
     $f(x:A,v)$  on  
     $l$  tagged with  $tg:T$   
    provided  $c(x,v)$