

sends1-p-implies-conditional-send1-p^{11,40}

$\forall k:\text{Knd}, T, A, B:\text{Type}, l:\text{IdLnk}, x, tg:\text{Id}, f:(A \rightarrow B \rightarrow T), c:(A \rightarrow B \rightarrow \mathbb{B}), es:\text{ES}.$
 $\text{sends1-p}(es;x;A;k;B;l;tg:T;\lambda a,b. \text{if } c(a,b) \text{ then } [(f(a,b))] \text{ else } [] \text{ fi})$
 $\Rightarrow k(v:B)$ sends
 $f(x:A,v)$ on
 l tagged with $tg:T$
 provided $c(x,v)$