

effect-rule2^{11,40}

$\forall i, x:\text{Id}, k:\text{Knd}, ds:x:\text{Id} \text{ fp} \rightarrow \text{Type}, T:\text{Type}, f:(\text{State}(ds) \rightarrow T \rightarrow \mathbb{Q} \rightarrow ds(x)?\text{Void}).$
 $((\uparrow \text{srcv}(k)) \Rightarrow (i = \text{destination}(\text{lnk}(k))))$
 $\Rightarrow @i:$ with declarations
 $ds:ds$
 $da:k : T$

 effect of $k(v)$ is $x := f \text{ s } v$
 realizes es .
 @ i events of kind k change continuous x to $f \text{ State}(ds) (\text{val}:T)$