

effect-rule2^{0,22}

$\forall i, x:\text{Id}, k:\text{Knd}, ds:x:\text{Id} \text{ fp} \rightarrow \text{Type}, T:\text{Type}, f:(\text{State}(ds) \rightarrow T \rightarrow ds(x)?\text{Void}).$
(isrcv(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 x to $f \text{ State}(ds) (\text{val}:T)$