

R-effect-rule^{0,22}

$\forall i, x:\text{Id}, k:\text{Knd}, ds:x:\text{Id} \text{ fp} \rightarrow \text{Type}, T:\text{Type}, f:(\text{State}(ds) \rightarrow T \rightarrow \text{DeclaredType}(ds;x)).$
Normal(ds)
 \Rightarrow Normal(T)
 $\Rightarrow (\text{isrcv}(k) \Rightarrow i = \text{destination}(\text{lnk}(k)))$
 $\Rightarrow @i \text{ effect } k(v:T) x := f \text{ State}(ds) v$
 $\Vdash \text{es.}@i \text{ events of kind } k \text{ change } x \text{ to } f \text{ State}(ds) (\text{val}:T)$