

Reffect-compat^{11,40}

$\forall A:\text{Realizer}, ds:x:\text{Id} \text{ fp} \rightarrow \text{Type}, i, x:\text{Id}, T, T':\text{Type}, k:\text{Knd},$
 $f:((\text{State}(x : T \oplus ds) \rightarrow T' \rightarrow T) + (\text{State}(x : T \oplus ds) \rightarrow T' \rightarrow \mathbb{Q} \rightarrow T)).$
 $\text{R-Feasible}(A)$
 $\Rightarrow (\neg(\uparrow x \in \text{dom}(\text{R-state}(A;i))))$
 $\Rightarrow ds \parallel \text{R-state}(A;i)$
 $\Rightarrow ((\uparrow \text{isrcv}(k)) \Rightarrow (\text{R-da}(A;\text{source}(\text{lnk}(k)))(k)?\text{Void} \subseteq_r T'))$
 $\Rightarrow ((\uparrow k \in \text{dom}(\text{R-da}(A;i))) \Rightarrow (T' = \text{Valtype}(\text{R-da}(A;i);k)))$
 $\Rightarrow (\neg(\uparrow \text{write-restricted}(A;i;k)))$
 $\Rightarrow (\forall y:\text{Id}. (\uparrow y \in \text{dom}(x : T \oplus ds)) \Rightarrow (\neg(\uparrow \text{read-restricted}(A; i; y))))$
 $\Rightarrow \text{Reffect}(i;x : T \oplus ds;k;T';x;f) \parallel A$