

R-icompat-one-loc^{11,40}

$\forall A, B: \text{es_realizer}\{i:l\}.$
 $\text{R-Feasible}\{i:l\}$
 (A)
 $\Rightarrow \text{R-Feasible}\{i:l\}$
 (B)
 $\Rightarrow (\exists i:\text{Id}$
 $((\forall j:\text{Id}. \text{R-has-loc}(A; j) = \text{eq_id}(i; j) \in \mathbb{B})$
 $\wedge \text{fpf-all}(\text{Kind};$
 $\text{Kind-deq};$
 $\text{R-da}(A; i);$
 $k, T. ((\uparrow \text{isrcv}(k))$
 $\Rightarrow (((\text{source}(\text{lnk}(k)) = i \in \text{Id})$
 $\Rightarrow \text{subtype_rel}(T;$
 $\text{fpf-cap}(\text{R-da}(B; \text{destination}(\text{lnk}(k))); \text{Kind-deq}; k; \text{top})))$
 $\wedge ((\text{destination}(\text{lnk}(k)) = i \in \text{Id})$
 $\Rightarrow \text{subtype_rel}(\text{fpf-cap}(\text{R-da}(B; \text{source}(\text{lnk}(k))); \text{Kind-deq}; k; \text{void}); T$
 $))))))$
 $\Rightarrow \text{R-icompat}(A; B)$