

R-compatible-two-local^{11,40}

$\forall A, B:\text{Realizer.}$

$\text{R-Feasible}(A)$

$\Rightarrow \text{R-Feasible}(B)$

$\Rightarrow (\exists i, j:\text{Id}$

$((\forall x:\text{Id. R-has-loc}(A;x) = i = x \in \mathbb{B})$

$\& (\forall x:\text{Id. R-has-loc}(B;x) = j = x \in \mathbb{B})$

$\& (\neg(i = j))$

$\& \forall k \in \text{dom}(\text{R-da}(A;i)).$

$T = \text{R-da}(A;i)(k) \Rightarrow$

$(\uparrow \text{isrcv}(k))$

$\Rightarrow (((\text{source}(\text{lnk}(k)) = i \in \text{Id}) \Rightarrow (T \subseteq_r \text{R-da}(B;\text{destination}(\text{lnk}(k)))(k)?\text{Top}))$

$\& ((\text{destination}(\text{lnk}(k)) = i \in \text{Id}) \Rightarrow (\text{R-da}(B;\text{source}(\text{lnk}(k)))(k)?\text{Void} \subseteq_r T))))$

$\Rightarrow A \parallel B$