

R-self-interface^{11,40}

$\text{R-self-interface}(R)$
 $\equiv_{\text{def}} \text{es_realizer_ind}(R;$
 $\quad \text{True};$
 $\quad \text{left, right, rec}_1, \text{rec}_2.(\text{rec}_1 \wedge \text{rec}_2);$
 $\quad \text{loc}, T, x, v. \text{True};$
 $\quad \text{loc}, T, x, L. \text{True};$
 $\quad \text{lnk}, \text{tag}, L. \text{True};$
 $\quad \text{loc}, ds, \text{knd}, T, x, f. \text{True};$
 $\quad ds, \text{knd}, T, l, dt, g.((\uparrow \text{isrcv}(\text{knd}))$
 $\quad \Rightarrow (\text{lnk}(\text{knd}) = l)$
 $\quad \Rightarrow \text{subtype_rel}(\text{fpf-cap}(dt; \text{id-deq}; \text{tag}(\text{knd}); \text{void}); T));$
 $\quad \text{loc}, ds, a, T, P. \text{True};$
 $\quad \text{loc}, k, L. \text{True};$
 $\quad \text{loc}, k, L. \text{True};$
 $\quad \text{loc}, x, L. \text{True})$

clarification:

$\text{R-self-interface}(R)$
 $\equiv_{\text{def}} \text{es_realizer_ind}(R;$
 $\quad \text{True};$
 $\quad \text{left, right, rec}_1, \text{rec}_2.(\text{rec}_1 \wedge \text{rec}_2);$
 $\quad \text{loc}, T, x, v. \text{True};$
 $\quad \text{loc}, T, x, L. \text{True};$
 $\quad \text{lnk}, \text{tag}, L. \text{True};$
 $\quad \text{loc}, ds, \text{knd}, T, x, f. \text{True};$
 $\quad ds, \text{knd}, T, l, dt, g.((\uparrow \text{isrcv}(\text{knd}))$
 $\quad \Rightarrow (\text{lnk}(\text{knd}) = l \in \text{IdLnk})$
 $\quad \Rightarrow \text{subtype_rel}(\text{fpf-cap}(dt; \text{id-deq}; \text{tag}(\text{knd}); \text{void}); T));$
 $\quad \text{loc}, ds, a, T, P. \text{True};$
 $\quad \text{loc}, k, L. \text{True};$
 $\quad \text{loc}, k, L. \text{True};$
 $\quad \text{loc}, x, L. \text{True})$