

R-self-interface^{0,22}

R-self-interface(R)

\equiv_{def} case R of
Rnone \Rightarrow True
Rplus($left, right$) \Rightarrow $rec_1, rec_2.rec_1 \ \& \ rec_2$
Rinit(loc, T, x, v) \Rightarrow True
Rframe(loc, T, x, L) \Rightarrow True
Rsframe(lnk, tag, L) \Rightarrow True
Reffect(loc, ds, knd, T, x, f) \Rightarrow True
Rsend(ds, knd, T, l, dt, g) \Rightarrow $isrcv(knd) \Rightarrow lnk(knd) = l \Rightarrow dt(tag(knd)) ? Void \subseteq \rho T$
Rpre(loc, ds, a, T, P) \Rightarrow True
Raframe(loc, k, L) \Rightarrow True
Rbframe(loc, k, L) \Rightarrow True
Rrframe(loc, x, L) \Rightarrow True

clarification:

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Rnone \Rightarrow True
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Rinit(loc, T, x, v) \Rightarrow True
Rframe(loc, T, x, L) \Rightarrow True
Rsframe(lnk, tag, L) \Rightarrow True
Reffect(loc, ds, knd, T, x, f) \Rightarrow True
Rsend(ds, knd, T, l, dt, g) \Rightarrow $isrcv(knd)$
 $\Rightarrow lnk(knd) = l \in IdLnk$
 $\Rightarrow \text{fpf-cap}(dt; IdDeq; tag(knd); Void) \subseteq \rho T$
Rpre(loc, ds, a, T, P) \Rightarrow True
Raframe(loc, k, L) \Rightarrow True
Rbframe(loc, k, L) \Rightarrow True
Rrframe(loc, x, L) \Rightarrow True