

R-interface-compat^{0,22}

```
R-interface-compat(A;B)
≡def if Rsendst?(B)→
      if Reffect?(A)→
        let k = Reffect-knd(A) in
        if isrcv(k) ∧2 lnk(k) = Rsendst-l(B)→ Rsendst-dt(B)(tag(k))?Void ⊆ ρ Reffect-T(A)
        else True fi
      ; Rsendst?(A)→
        let k = Rsendst-knd(A) in
        if isrcv(k) ∧2 lnk(k) = Rsendst-l(B)→ Rsendst-dt(B)(tag(k))?Void ⊆ ρ Rsendst-T(A)
        else True fi
      else True fi
    else True fi
```

clarification:

```
R-interface-compat(A;B)
≡def if Rsendst?(B)→
      if Reffect?(A)→
        let k = Reffect-knd(A) in
        if isrcv(k) ∧2 lnk(k) = Rsendst-l(B)→
          fpf-cap(Rsendst-dt(B);IdDeq;tag(k);Void) ⊆ ρ Reffect-T(A)
        else True fi
      ; Rsendst?(A)→
        let k = Rsendst-knd(A) in
        if isrcv(k) ∧2 lnk(k) = Rsendst-l(B)→
          fpf-cap(Rsendst-dt(B);IdDeq;tag(k);Void) ⊆ ρ Rsendst-T(A)
        else True fi
      else True fi
    else True fi
```