R-icompat[11,40]

R-icompat$(A; B)$
$\equiv_{\text{def}}$ ifRplus?(A)
  then R-icompat(Rplus-left(A); B) $\wedge$ R-icompat(Rplus-right(A); B)
  ifRplus?(B)
   then R-icompat$(A$; Rplus-left$(B)) \wedge$ R-icompat$(A$; Rplus-right$(B))$
  ifRnone?(A)
   then True
  ifRnone?(B)
   then True
  ifeq_id(R-loc(A); R-loc(B))
   then True
  else R-interface-compat$(A; B) \wedge$ R-interface-compat$(B; A)$
  fi
(recursive)