R-state-var-compat2^{0,22}

$\forall i$:Id, ds:x:Id fp$\rightarrow$ Type, da:k:Knd fp$\rightarrow$ Type, x, y:Id, T_1, T_2:Type, ks_1, ks_2:Knd List,
  tr_1:(k:{k:Knd| ($k \in ks_1$) }$\rightarrow$State(ds)$\rightarrow$Valtype(da;k)$\rightarrow T_1 \rightarrow T_1$),
  tr_2:(k:{k:Knd| ($k \in ks_2$) }$\rightarrow$State(ds)$\rightarrow$Valtype(da;k)$\rightarrow T_2 \rightarrow T_2$).
$\neg x = y$
$\Rightarrow$ $ds \parallel x : T_1$
$\Rightarrow$ $ds \parallel y : T_2$
$\Rightarrow$ R-state-var(i;ds;da;x;T_1;ks_1;tr_1) $\parallel$ R-state-var(i;ds;da;y;T_2;ks_2;tr_2)

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http://www.cs.cornell.edu/Info/Projects/NuPrl/FDLcontent/p0_286125_/p21_501353_{R-state-var-compat2}.html