R-compat-base-recognize^{0,22}

$\forall A$:Realizer, i, x:Id, k:Knd, $test$:(State(R-state(A;i))$\rightarrow$Valtype(R-da(A;i);k)$\rightarrow$ $\mathbb{B}$).
R-Feasible(A)
$\Rightarrow$ $\neg x \in$ dom(R-state(A;i))
$\Rightarrow$ hasloc(k;i)
$\Rightarrow$ $\neg$write-restricted(A;i;k)
$\Rightarrow$ ($\forall y$:Id. $y \in$ dom(x : $\mathbb{B} \oplus$ R-state(A;i)) $\Rightarrow$ $\neg$read-restricted(A; i; y))
$\Rightarrow$ $A \parallel$ R-base-recognize(i;R-state(A;i);x;k;Valtype(R-da(A;i);k);$test$)

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http://www.cs.cornell.edu/Info/Projects/NuPrl/FDLcontent/p0_286125_/p53_146045_{R-compat-base-recognize}.html