

R-base-recognize-realizes2^{11,40}

$\forall i:\text{Id}, ds:x:\text{Id} \text{ fp} \rightarrow \text{Type}, x:\text{Id}, k:\text{Knd}, T:\text{Type}, test:(\text{State}(ds) \rightarrow T \rightarrow \mathbb{B}).$
 $(\neg(\uparrow x \in \text{dom}(ds)))$
 $\Rightarrow ((\uparrow \text{srcv}(k)) \Rightarrow (i = \text{destination}(\text{lnk}(k))))$
 $\Rightarrow \text{Normal}(T)$
 $\Rightarrow \text{Normal}(ds)$
 $\Rightarrow \text{R-base-recognize}(i; ds; x; k; T; test) \Vdash es.\text{recognizer}(es; i; ds; x; k; T; test)$