

## recognizer-realizable<sup>11,40</sup>

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