

## sendMinimalR\_wf<sup>11,40</sup>

$\forall T:\text{Type}, t:T, l:\text{IdLnk}, ds_1, ds_2:x:\text{Id fp} \rightarrow \text{Type}, P:(\text{State}(ds_1) \rightarrow \mathbb{N} \rightarrow \mathbb{B}), Q:(\text{State}(ds_2) \rightarrow \mathbb{N} \rightarrow \mathbb{B}),$   
 $d_1:(\forall s:\text{State}(ds_1). \text{Dec}(\exists n:\mathbb{N}. (\uparrow(\neg_b(P(s,n)))))),$   
 $d_2:(\forall s:\text{State}(ds_2). \text{Dec}(\exists n:\mathbb{N}. (\uparrow(\neg_b(Q(s,n)))))), f:(\text{State}(ds_1) \rightarrow \mathbb{N} \rightarrow T).$   
Normal( $ds_1$ )  
 $\Rightarrow$  Normal( $ds_2$ )  
 $\Rightarrow (\neg(\text{destination}(l) = \text{source}(l) \in \text{Id}))$   
 $\Rightarrow (\text{sendMinimalR}\{a:\text{ut2}, tg:\text{ut2}\}(T; t; l; ds_1; ds_2; P; Q; d_1; d_2; f) \in \text{Realizer})$