

## ma-single-sends-feasible<sup>0,22</sup>

$\forall k:\text{Knd}, l:\text{IdLnk}, ds:x:\text{Id fp} \rightarrow \text{Type}, da:a:\text{Knd fp} \rightarrow \text{Type},$   
 $f:(tg:\text{Id} \times (\text{State}(ds) \rightarrow \text{Valtype}(da;k) \rightarrow (da(\text{rcv}(l,tg))?\text{Void List}))) \text{ List}.$   
 $\forall x \in \text{dom}(ds). A=ds(x) \Rightarrow A$   
 $\Rightarrow \forall k \in \text{dom}(da). A=da(k) \Rightarrow A$   
 $\Rightarrow \forall x \in \text{dom}(ds). A=ds(x) \Rightarrow \text{AtomFree}(\text{Type};A)$   
 $\Rightarrow \forall k \in \text{dom}(da). A=da(k) \Rightarrow \text{AtomFree}(\text{Type};A)$   
 $\Rightarrow \text{Feasible}(\text{with declarations}$   
     $ds:ds$   
     $da:da$   
     $k(v)$  sends  $f$  s v on link  $l$ )