

## ma-single-pre-init-ma-single-sends-compatible<sup>0,22</sup>

$\forall a:\text{Id}, T:\text{Type}, ds:x:\text{Id} \text{ fp} \rightarrow \text{Type}, P:\text{Top}, \text{init}:x:\text{Id} \text{ fp} \rightarrow \text{Top}, k:\text{Knd}, l:\text{IdLnk},$   
 $d_1:x:\text{Id} \text{ fp} \rightarrow \text{Type}, da:a:\text{Knd} \text{ fp} \rightarrow \text{Type}, f:(\text{Id} \times \text{Top}) \text{ List}.$   
 $ds \parallel d_1$   
 $\Rightarrow \text{locl}(a) : T \parallel da$   
 $\Rightarrow$  (with  $ds$ :  $ds$   $\text{init}$ :  $\text{init}$   $\text{action } a:T$   $\text{precondition } a(v)$  is  $P$   
 $\parallel+$  with declarations  
 $ds:d_1$   
 $da:da$   
 $k(v)$  sends  $f$  s  $v$  on link  $l$ )