

## **ma-single-effect-ma-single-sends-compatible<sup>0,22</sup>**

$\forall k:\text{Knd}, l:\text{IdLnk}, ds:x:\text{Id fp} \rightarrow \text{Type}, da:a:\text{Knd fp} \rightarrow \text{Type}, f:(\text{Id} \times \text{Top}) \text{ List}, x:\text{Id}, k_1:\text{Knd}, d_1:x:\text{Id fp} \rightarrow \text{Type}, d_2:a:\text{Knd fp} \rightarrow \text{Type}, f_1:\text{Top}.$

$ds \parallel d_1$   
 $\Rightarrow da \parallel d_2$   
 $\Rightarrow (\text{with declarations}$   
     $ds:d_1$   
     $da:d_2$   
     $\text{effect of } k_1(\text{v}) \text{ is } x := f_1 \text{ s v}$   
     $\|+ \text{ with declarations}$   
         $ds:ds$   
         $da:da$   
         $k(\text{v}) \text{ sends } f \text{ s v on link } l)$