

## ma-interface-triggers-glued<sup>11,40</sup>

$\forall es:ES, T:\text{Type}, I:\text{MaInterface}(T), l:\text{IdLnk}, tg:\text{Id}.$   
 $\text{ma-interface-consistent2}(es;I)$   
 $\Rightarrow (\forall e:E. (\text{kind}(e) = \text{rcv}(l,tg) \in \text{Knd}) \Rightarrow (\text{valtype}(e) \subseteq_r T))$   
 $\Rightarrow (\text{source}(l) \in \text{ma-interface-locs}(I))$   
 $\Rightarrow \text{only events in } \text{ma-interface-dom}(I;\text{source}(l)) \text{ send on } l \text{ with } tg$   
 $\Rightarrow (\forall k:\text{Knd}.$   
     $(k \in \text{ma-interface-dom}(I;\text{source}(l)))$   
     $\Rightarrow k(\text{v}:\text{ma-interface-valtype}(I;\text{source}(l);k)) \text{ sends on } l [tg:T, \lambda p.\text{let } s,v = p$   
        in  
         $\text{ma-interface-code}(I;\text{source}(l);k)(s,v) \text{ <state, v>}?[]]$   
 $\Rightarrow \text{glued}(es; T; (\lambda e. [[I|\text{source}(l)]](e)); [[I|\text{source}(l)]]; \text{es-in-port}(es;l;tg))$