

ecl-mng-sends-single^{11,40}

$\forall i:\text{Id}, ds:x:\text{Id} \text{ fp} \rightarrow \text{Type}, da:k:\text{Knd} \text{ fp} \rightarrow \text{Type}, A:\text{ecl}(ds;da), k:\text{Knd}, l:\text{IdLnk}, tg:\text{Id}, n:\mathbb{N},$
 $f:(\text{State}(ds) \rightarrow \text{Valtype}(da;k) \rightarrow da(\text{rcv}(l,tg))?\text{Void}), es:\text{ES}.$
 $(\text{source}(l) = i)$
 $\Rightarrow (@i[[A;k \text{ sends on } l \text{ with tag } tg [s,v.f(s,v)], \text{ at marker } n]]$
 $\iff (\text{es-decls}(es;i;ds;da)$
 $\Rightarrow \text{with decls } ds$
 $\quad da$
 $\quad \text{sends on } l \text{ from } e$
 $\quad \text{include if kind}(e) = k \wedge_b \text{ action}[[A \ n]][\text{es-init}(es;e);e]$
 $\quad \quad \text{then } [<tg, f((\text{state when } e), \text{val}(e))>]$
 $\quad \quad \text{else } []$
 $\quad \text{fi}$
 $\quad \text{and only these for tags in } [tg]))$