

es-sends-iff-bact^{11,40}

$\forall es:ES, k:Knd, l:IdLnk, tg:Id, ds:x:Id \text{ fp} \rightarrow \text{Type}, da:k:Knd \text{ fp} \rightarrow \text{Type}, n:\mathbb{N}, a:\text{ecl}(ds;da),$
 $f:(\text{State}(ds) \rightarrow \text{Valtype}(da;k) \rightarrow da(\text{rcv}(l,tg))?! \text{Void}()).$
 $\text{es-decls}(es;\text{source}(l);ds;da)$
 $\Rightarrow$ (with decls ds
 da
sends on l from e
include if $\text{kind}(e) = k \wedge_b \text{action}[[a \ n]][\text{es-init}(es;e);e]$
then $[<tg, f((\text{state when } e), \text{val}(e))>]$
else $[]$
fi
and only these for tags in $[tg]$
 $\iff \text{es-sends-iff2}(es;l;tg;da(\text{rcv}(l,tg))?\text{Top};ds;e.\text{kind}(e) = k$
 $\ \& \ \text{ecl-es-act}(es;n;a)(\text{es-init}(es;e),e);e.f((\text{state when } e), \text{val}(e))))$