

es-triggers-conditional^{11,40}

$\forall es:ES, A:Type, ds:x:Id \text{ fp} \rightarrow Type, conds_1,$
 $conds_2:k:Knd \text{ fp} \rightarrow V:Type \times (State(ds) \rightarrow V \rightarrow (A + Top)), i:Id.$
 $es\text{-triggers}\text{-params}\text{-consistent}(es;A;i;ds;conds_1)$
 $\Rightarrow es\text{-triggers}\text{-params}\text{-consistent}(es;A;i;ds;conds_2)$
 $\Rightarrow conds_1 \parallel conds_2$
 $\Rightarrow ([es\text{-triggers}(es;i;ds;conds_1)?es\text{-triggers}(es;i;ds;conds_2)])$
 $=$
 $es\text{-triggers}(es;i;ds;conds_1 \oplus conds_2)$
 $\in AbsInterface(A)$