

es-triggers_wf^{11,40}

$\forall es:ES, A:Type, i:Id, ds:x:Id \text{ fp} \rightarrow Type,$
 $conds:k:Knd \text{ fp} \rightarrow V:Type \times (State(ds) \rightarrow V \rightarrow (A + Top)).$
 $(\forall k:Knd. (\uparrow k \in \text{dom}(conds)) \Rightarrow (\uparrow \text{hasloc}(k;i)))$
 $\Rightarrow (\forall e:E.$
 $(\text{loc}(e) = i)$
 $\Rightarrow (\uparrow \text{kind}(e) \in \text{dom}(conds))$
 $\Rightarrow ((\text{valtype}(e) \subseteq_r (conds(\text{kind}(e)).1))$
 $\& ((\exists k:Knd. (\uparrow k \in \text{dom}(conds))) \Rightarrow (\text{state}@loc(e) \subseteq_r State(ds))))))$
 $\Rightarrow (\text{es-triggers}(es;i;ds;conds) \in \text{AbsInterface}(A))$