

mk-eval_wf^{11,40}

$\forall E:\text{Type}, eq:\text{EqDecider}(E), prd:(E \rightarrow (?E)), info:(E \rightarrow ((\text{Id} \times \text{Id}) + (:(\text{IdLnk} \times E) \times \text{Id}))),$
 $oax:\text{EOrderAxioms}(E; prd; info), T:(\text{Id} \rightarrow \text{Id} \rightarrow \text{Type}), w, a:(x:\text{Id} \rightarrow e:E \rightarrow T(\text{loc}(e), x)),$
 $sax:(\forall e:E. (\neg(\uparrow \text{first}(e))) \Rightarrow (\forall x:\text{Id}. w(x, e) = a(x, \text{pred}(e)) \in T(\text{loc}(e), x))),$
 $V:(\text{Knd} \rightarrow \text{Id} \rightarrow \text{Type}), v:(e:E \rightarrow V(\text{kind}(e), \text{loc}(e))).$
 $\text{mk-eval}(E; eq; prd; info; oax; T; w; a; sax; V; v) \in \text{EventsWithValues}$