

es-next-assign-property^{11,40}

$\forall es:ES, T:\text{Type}, eq:\text{EqDecider}(T), v:T, x:\text{Id}, e:\{e:E \mid @\text{loc}(e)(x:T)\} ,$
 $e':\{e':E \mid e \leq_{\text{loc}} e' \ \& \ (x \text{ after } e') = v\} .$
 $e \leq_{\text{loc}} \text{next event in } [e;e'] \text{ after which } x = v$
 $\& \ (x \text{ after next event in } [e;e'] \text{ after which } x = v) = v$
 $\& \ \forall e'' \in [e, \text{next event in } [e;e'] \text{ after which } x = v). \neg((x \text{ after } e'') = v)$