

es-hist-last^{0,22}

$\forall ds:x:\text{Id} \text{ fp} \rightarrow \text{Type}, da:k:\text{Knd} \text{ fp} \rightarrow \text{Type}, es:\text{ES}, i:\text{Id}, e_1, e_2:\{e:\text{E} \mid \text{loc}(e) = i\}$.
 $(\forall x:\text{Id}. \text{vartype}(i;x) \subseteq \rho \text{ } ds(x)?\text{Top})$
 $\Rightarrow (\forall e:\text{E}. \text{loc}(e) = i \Rightarrow \text{valtype}(e) \subseteq \rho \text{ } da(\text{kind}(e))? \text{Top})$
 $\Rightarrow (e_1 < \text{loc } e_2)$
 $\Rightarrow \text{es-hist}\{i:l\}(es;e_1;e_2)$
 $=$
 $(\text{es-hist}\{i:l\}(es;e_1;\text{pred}(e_2)) \text{ @ } [\text{es-info}(es;e_2)])$
 $\in \text{event-info}(ds;da) \text{ List}$