

null-es-hist^{11,40}

$\forall es:\text{event_system}\{i:l\}, e_1, e_2:\text{es-E}(es).$

$(\text{loc}(e_2) = \text{loc}(e_1) \in \text{Id}) \Rightarrow ((\uparrow\text{null}(\text{es-hist}\{i:l\})(es;e_1;e_2))) \iff \text{es-locl}(es; e_2; e_1)$