

es-locl^{11,40}

$\text{es-locl}(es; e; e') \equiv_{\text{def}} (\text{loc}(e) = \text{loc}(e')) \wedge \text{es-causl}(es; e; e')$

clarification:

$\text{es-locl}(es; e; e') \equiv_{\text{def}} (\text{es-loc}(es; e) = \text{es-loc}(es; e') \in \text{Id}) \wedge \text{es-causl}(es; e; e')$