es-locl-trichotomy[11,40]

$\forall the_es$:ES, e, e':E. $(\text{loc}(e) = \text{loc}(e') \in \text{Id}) \iff ((e <\text{loc } e') \vee (e = e') \vee (e' <\text{loc } e))$

http://www.nuprl.org/FDLcontent/p0_963683_/p31_311212_{es-locl-trichotomy}.html