w-locl^{0,22}

$e <\text{loc}\ e' \ \equiv_{\text{def}}\ \text{loc}(e) = \text{loc}(e')\ \&\ \text{time}(e)<\text{time}(e')$

clarification:

$\text{w-locl}(w;\ e;\ e') \ \equiv_{\text{def}}\ \text{w-loc}(w;\ e) = \text{w-loc}(w;\ e') \in \text{Id}\ \&\ \text{w-time}(w;\ e)<\text{w-time}(w;\ e')$

http://www.cs.cornell.edu/Info/Projects/NuPrl/FDLcontent/p0_286125_/p38_519932_{w-locl}.html