

w_locle-lemma^{11,40}

$\forall w:\text{World}, a, b:\text{E}.$

$\text{FairFifo} \Rightarrow (\text{w_locle}(w;a;b) \iff (\text{loc}(a) = \text{loc}(b) \in \text{Id} \ \& \ (a < b \vee (a = b))))$