

es-first-since_wf^{11,40}

$\forall es:\text{event_system}\{\text{i:l}\}, e_1:\text{es-E}(es), e_2:\{e:\text{es-E}(es) \mid \text{loc}(e) = \text{loc}(e_1) \in \text{Id}\} ,$
 $p:(\{e:\text{es-E}(es) \mid \text{loc}(e) = \text{loc}(e_1) \in \text{Id}\} \rightarrow \text{prop}\{\text{i:l}\}). e_2 = \text{first } e \geq e_1. p(e) \in \text{prop}\{\text{i:l}\}$