

same-thread-do-apply^{11,40}

$\forall es:ES, p:(E \rightarrow (E + \text{Top}))$.

$\text{causal-predecessor}(es;p) \Rightarrow (\forall e:E. (\uparrow \text{can-apply}(p;e) \Rightarrow \text{same-thread}(es;p;e;\text{do-apply}(p;e))))$