

state-after-pred-ds^{11,40}

$\forall es:ES, ds:x:Id \text{ fp} \rightarrow \text{Type}, e:E.$

$@loc(e) \text{ discrete } ds$

$\Rightarrow (\neg(\uparrow \text{first}(e)))$

$\Rightarrow (\text{state after pred}(e) = (\text{state when } e) \in \text{State}(ds))$