

pre-rule^{0,22}

$\forall i, a:\text{Id}, T:\text{Type}, ds:x:\text{Id} \text{ fp} \rightarrow \text{Type}, P:(\text{State}(ds) \rightarrow T \rightarrow \text{Prop}).$

@i (with ds: ds

action $a:T$

precondition $a(v)$ is

$P \text{ s } v$)

realizes es .

@i Precondition for $a(v)$

$P \text{ State}(ds) (v:T)$