world[11,40]

World
$\equiv_{\text{def}}$ T:(Id→Id→Type)
× (TA:(Id→Id→Type)
× M:(IdLnk→Id→Type)
× s:(i:Id→ $\mathbb{N}$ →(x:Id→ $\mathbb{Q}$ →$T(i,x)$))
× a:(i:Id→ $\mathbb{N}$ →Action(w-action-dec(TA;M;i)))
× m:(i:Id→ $\mathbb{N}$ →({m:Msg(M)| source(mlnk(m)) = i} List))
× :(i:Id→w-automaton($T(i)$;$TA(i)$;M))
× (*discrete*:(Id→Id→ $\mathbb{B}$)
× Top))

clarification:

world{i:l}
$\equiv_{\text{def}}$ T:(Id→Id→Type{i})
× (TA:(Id→Id→Type{i})
× M:(IdLnk→Id→Type{i})
× s:(i:Id→ $\mathbb{N}$ →(x:Id→ $\mathbb{Q}$ →$T(i,x)$))
× a:(i:Id→ $\mathbb{N}$ →Action(w-action-dec(TA;M;i)))
× m:(i:Id→ $\mathbb{N}$ →({m:Msg(M)| source(mlnk(m)) = $i \in$ Id} List))
× :(i:Id→w-automaton($T(i)$;$TA(i)$;M))
× (*discrete*:(Id→Id→ $\mathbb{B}$)
× Top))

---

http://www.nuprl.org/FDLcontent/p0_963683_/p69_477817_{world}.html