

d-machine_wf^{11,40}

$\forall D:\text{Dsys.}$

$\text{Feasible}(D)$

$\Rightarrow (\forall dec:(i,a:\text{Id} \rightarrow \mathbb{N} \rightarrow \text{M}(i).\text{state} \rightarrow (\text{?if } a \in \text{dom}(\text{M}(i).\text{prob}) \text{ then Outcome else Void fi })),$
 $i:\text{Id.}$
 $\text{d-machine}(i;\text{M}(i);dec(i))$
 $\in \text{w-automaton}(\lambda x.\text{M}(i).\text{ds}(x);\lambda a.\text{M}(i).\text{da}(\text{locl}(a));\lambda l,tg. \text{M}(\text{source}(l)).\text{dout}(l,tg)))$