

d-world_wf^{11,40}

$\forall D:\text{Dsys}, v:(i:\text{Id} \rightarrow \text{M}(i).(\text{timed})\text{state}), \text{sched}:(\text{Id} \rightarrow (?(\mathbb{N} \rightarrow (\text{IdLnk} + \text{Id}))))$,
 $\text{dec}:(i,a:\text{Id} \rightarrow \mathbb{N} \rightarrow \text{M}(i).\text{state} \rightarrow (? \text{if } a \in \text{dom}(\text{M}(i).\text{prob}) \text{ then Outcome else Void fi }))$,
 $\text{discrete}:(\text{Id} \rightarrow \text{Id} \rightarrow \mathbb{B})$.
 $\text{Feasible}(D) \Rightarrow (\text{d-world}(D;v;\text{sched};\text{dec};\text{discrete}) \in \text{World})$