

d-comp_wf^{0,22}

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

$(\forall l:\text{IdLnk}, tg:\text{Id}. \text{M}(\text{source}(l)).\text{dout2}(l;tg) \subseteq \rho \text{M}(\text{destination}(l)).\text{din}(l,tg))$
 $\Rightarrow (\forall v:(i:\text{Id} \rightarrow \text{M}(i).\text{state}), \text{sched}:(\text{Id} \rightarrow (\mathbb{N} \rightarrow (\text{IdLnk} + \text{Id}) + \text{Unit}))),$
 $\quad \text{dec}:(i,a:\text{Id} \rightarrow \text{M}(i).\text{state} \rightarrow (\text{M}(i).\text{da}(\text{locl}(a)) + \text{Unit})).$
 $\text{d-comp}(D;v;\text{sched};\text{dec})$
 $\in t:\mathbb{N} \rightarrow (\mathbb{N}_{<t} \rightarrow (i:\text{Id} \rightarrow \text{d-world-state}(D;i))) \rightarrow (i:\text{Id} \rightarrow \text{d-world-state}(D;i))$