

d-comp_wf2^{0,22}

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

$\text{Feasible}(D)$

$\Rightarrow (\forall v:(i:\text{Id} \rightarrow \text{M}(i).\text{state}), \text{sched}:(\text{Id} \rightarrow (\mathbb{N} \rightarrow (\text{IdLnk} + \text{Id}) + \text{Unit}))),$
 $\text{dec}:(i, a:\text{Id} \rightarrow \text{M}(i).\text{state} \rightarrow (\text{M}(i).\text{da}(\text{locl}(a)) + \text{Unit})).$

$\text{d-comp}(D; v; \text{sched}; \text{dec})$

$\in t:\mathbb{N} \rightarrow (\mathbb{N}_{<t} \rightarrow (i:\text{Id} \rightarrow \text{d-world-state}(D; i))) \rightarrow (i:\text{Id} \rightarrow \text{d-world-state}(D; i))$