

**next-world-state\_wf**<sup>11,40</sup>

$\forall D:\text{Dsys}, i:\text{Id}, s:\text{M}(i).(\text{timed})\text{state}, k:\text{Knd}, v:\text{d-decl}(D;i)(k).$   
 $\text{Feasible}(D) \Rightarrow (\text{next-world-state}(D;i;s;k;v) \in \text{d-world-state}(D;i))$