

## chain-replication\_wf<sup>11,40</sup>

$\forall es:ES, Cmd:Type, Master:AbsInterface(chain\_master()),$   
 $Config:AbsInterface(chain\_config()), Sys:AbsInterface(chain\_sys(Cmd)),$   
 $u:({e:E(Sys) \mid \uparrow csupdate?(Sys(e))} \rightarrow {e:E \mid (\uparrow(e \in_b Sys) \vee (\uparrow(e \in_b Config)))}).$   
 $chain\_replication\{i:l\}(es;Cmd;Sys;Config;Master;u) \in \mathbb{P}$