

## **distributed-systems<sup>0,22</sup>**

ABS: D<sub>sys</sub> **dsys**

STM: dsys\_wf

ABS:  $i = j$  **d-eq-Loc**

STM: d-eq-Loc\_wf

STM: assert-d-eq-Loc

ABS:  $M(i)$  **d-m**

STM: d-m\_wf

ABS: d-decl( $D; i$ ) **d-decl**

STM: d-decl\_wf

STM: d-decl-subtype

STM: mlnk\_wf\_d

ABS:  $D_1 \subseteq D_2$  **d-sub**

STM: d-sub\_wf

STM: d-sub-self

ABS:  $@i: x:T$  initially  $x = v$  **d-single-init**

STM: d-single-init\_wf

ABS:  $@i: \text{only } L \text{ affects } x : t$  **d-single-frame**

STM: d-single-frame\_wf

ABS:  $@i: k$  affects only members of  $L$  **d-single-aframe**

STM: d-single-aframe\_wf

ABS:  $@i: k$  sends only links in  $L$  **d-single-bframe**

STM: d-single-bframe\_wf

ABS:  $@i: \text{only members of } L \text{ read } x$  **d-single-rframe**

STM: d-single-rframe\_wf

ABS:  $@i: \text{only } L \text{ sends on } (l \text{ with } tg)$  **d-single-sframe**

STM: d-single-sframe\_wf

ABS: @ $i$ : with declarations  $ds:dsda:da$  effect of  $k(v)$  is  $x := f$  s v **d-single-effect**

STM: d-single-effect\_wf

ABS: @ $i$ : with declarations  $ds:dsda:da$   $k(v)$  sends  $f$  s v on link  $l$  **d-single-sends**

STM: d-single-sends\_wf

ABS: @ $i$  (with  $ds: ds$  action  $a:T$  precondition  $a(v)$  is  $P$  s v) **d-single-pre**

STM: d-single-pre\_wf

STM: ma-decla\_wf2

STM: decidable\_ma-decla

ABS: Feasible( $D$ ) **d-feasible**

STM: d-feasible\_wf

STM: d-feasible-state

STM: d-da-atom-free

STM: d-ds-atom-free

STM: d-feasible-dec

ABS: d-chooser( $D;dec$ ) **d-chooser**

STM: d-chooser\_wf

STM: d-feasible-dec2

STM: round-robin

STM: d-feasible-sched

ABS: d-world-state( $D;i$ ) **d-world-state**

STM: d-world-state\_wf

ABS: stutter-state( $s$ ) **stutter-state**

STM: stutter-state\_wf

ABS: next-world-state( $D;i;s;k;v$ ) **next-world-state**

STM: next-world-state\_wf

STM: equal-next-world

ABS:  $d\text{-partial-world}(D;f;t';s)$  **d-partial-world**  
STM:  $d\text{-partial-world\_wf}$   
ABS:  $d\text{-comp}(D;v;sched;dec)$  **d-comp**  
STM:  $d\text{-comp\_wf}$   
STM:  $d\text{-comp\_wf2}$   
ABS:  $d\text{-machine}(i;M;dec)$  **d-machine**  
STM:  $d\text{-machine\_wf}$   
ABS:  $d\text{-world}(D;v;sched;dec)$  **d-world**  
STM:  $d\text{-world\_wf}$   
STM:  $d\text{-comp-step}$   
ABS:  $d\text{-comp-partial-world}(D;v;sched;dec;t)$  **d-comp-partial-world**  
STM:  $d\text{-comp-partial-world\_wf}$   
STM:  $w\text{-queue-partial}$   
STM:  $\text{better-d-comp-step}$   
STM:  $d\text{-comp-step2}$   
STM:  $w\text{-queue-nil}$   
STM:  $d\text{-msg-subtype}$   
STM:  $d\text{-decl-subtype2}$