

## messages-and-kinds<sup>0,22</sup>

ABS: Id **Id**

STM: Id\_wf

STM: Id\_sq

STM: atom-free-Id

STM: atom-free-Id2

ABS: "\$x" **mkid**

STM: mkid\_wf-test

ABS: IdLnk **IdLnk**

STM: IdLnk\_wf

STM: IdLnk\_sq

ABS: lnk\$\_n{\$a to \$b} **mklnk**

STM: mklnk\_wf-test

STM: atom-free-IdLnk

ABS: lnk-inv(*l*) **lnk-inv**

STM: lnk-inv\_wf

STM: lnk-inv-inv

STM: lnk-inv-one-one

ABS: Msg(*M*) **Msg**

STM: Msg\_wf

STM: atom-free-Msg

ABS: msg(*l*; *t*; *v*) **msg**

STM: msg\_wf

ABS: mlnk(*m*) **mlnk**

STM: mlnk\_wf

ABS: mtag(*m*) **mtag**

STM: mtag\_wf  
ABS: mval( $m$ ) **mval**  
STM: mval\_wf  
ABS: haslink( $l;m$ ) **haslink**  
STM: haslink\_wf  
ABS: Msg\_sub( $l;M$ ) **Msg\_sub**  
STM: Msg\_sub\_wf  
ABS: Knd **Knd**  
STM: Knd\_wf  
STM: Knd\_sq  
STM: atom-free-Knd  
ABS: isrcv( $k$ ) **isrcv**  
STM: isrcv\_wf  
ABS: islocal( $k$ ) **islocal**  
STM: islocal\_wf  
STM: islocal-not-isrcv  
ABS: rcv( $l,tg$ ) **rcv**  
STM: rcv\_wf  
ABS: locl( $a$ ) **locl**  
STM: locl\_wf  
STM: locl\_one\_one  
STM: rcv\_one\_one  
STM: not\_rcv\_locl  
STM: not\_locl\_rcv  
ABS: lnk( $k$ ) **lnk**  
STM: lnk\_wf  
ABS: tag( $k$ ) **tagof**

STM: tagof\_wf

ABS:  $\text{act}(k)$  **actof**

STM: actof\_wf

ABS:  $\text{lnk\_rcv}\{\text{lnk\_rcv\_compseq\_tag\_def:ObjectId}\}(tg; l)$  **lnk\_rcv\_compseq\_tag\_def**

ABS:  $\text{tag\_rcv}\{\text{tag\_rcv\_compseq\_tag\_def:ObjectId}\}(tg; l)$  **tag\_rcv\_compseq\_tag\_def**

ABS:  $\text{act\_locl}\{\text{act\_locl\_compseq\_tag\_def:ObjectId}\}(a)$  **act\_locl\_compseq\_tag\_def**

ABS:  $\text{isrcv\_rcv}\{\text{isrcv\_rcv\_compseq\_tag\_def:ObjectId}\}(tg; l)$  **isrcv\_rcv\_compseq\_tag\_def**

ABS:  $\text{isrcv\_locl}\{\text{isrcv\_locl\_compseq\_tag\_def:ObjectId}\}(a)$  **isrcv\_locl\_compseq\_tag\_def**

STM: local\_or\_rcv

ABS:  $\text{kindcase}(k; a.f(a); l.t.g(l;t) )$  **kindcase**

STM: kindcase\_wf

STM: kindcase-locl

STM: kindcase-rcv

ABS:  $\text{kind-rename}(ra;rt;k)$  **kind-rename**

STM: kind-rename\_wf

STM: kind-rename-inj

ABS:  $\text{msg-rename}(rtinv;m)$  **msg-rename**

STM: msg-rename\_wf

ABS:  $\text{source}(l)$  **lsrc**

STM: lsrc\_wf

ABS:  $\text{destination}(l)$  **ldst**

STM: ldst\_wf

STM: lsrc-inv

STM: ldst-inv

ABS:  $\text{lpath}(p)$  **lpath**

STM: lpath\_wf

STM: lpath\_cons

ABS:  $\text{lconnects}(p;i;j)$  **lconnects**

STM:  $\text{lconnects\_wf}$

STM:  $\text{lpath-members-connected}$

STM:  $\text{isrcv-implies}$

ABS:  $\text{tagged-list-messages}(s;v;L)$  **tagged-list-messages**

STM:  $\text{tagged-list-messages\_wf}$

STM:  $\text{tagged-list-messages-wf2}$

ABS:  $\text{tagged-messages}(l;s;v;L)$  **tagged-messages**

STM:  $\text{tagged-messages\_wf}$