

## ma-knows<sup>11,40</sup>

$K_i(P)@s \equiv_{\text{def}} \forall e:\text{PossibleEvent}(poss). \text{poss-consistent}(i;T;s;e;Rs) \Rightarrow K(P)@e$

*clarification:*

$\text{ma-knows}\{i:l\}$   
 $(poss; i; T; s; P; Rs; R)$   
 $\equiv_{\text{def}} \forall e:\text{possible-event}\{i:l\}$   
 $(poss).$   
 $\text{poss-consistent}(i;T;s;e;Rs) \Rightarrow \text{es-knows}\{i:l\}(poss; R; P; e)$