

## ma-knows-stable<sup>0,22</sup>

$\forall poss:(ES\{i\} \rightarrow Prop_i), T:Type_i, s:T, i:Id, P:(possible-event\{i:l\}(poss) \rightarrow Prop_i),$   
 $R:(possible-event\{i:l\}(poss) \rightarrow possible-event\{i:l\}(poss) \rightarrow Prop_i), Rs:(T \rightarrow T \rightarrow Prop_i).$   
(Trans 1,2:T. Rs(1,2))  
 $\Rightarrow (\forall es:ES\{i\}, e:E.$   
 $poss(es) \Rightarrow state@i \subseteq \rho T \Rightarrow loc(e) = i \Rightarrow Rs((state\ when\ e),state\ after\ e))$   
 $\Rightarrow (\forall es:ES\{i\}.$   
 $poss(es) \Rightarrow state@i \subseteq \rho T \Rightarrow @i\ stable\ s.ma-knows\{i:l\}(poss; i; T; s; P; Rs; R) )$