

ma-knows_wf^{11,40}

$\forall poss:(ES\{i\} \rightarrow \mathbb{P}\{i'\}), T:\text{Type}\{i\}, s:T, i:\text{Id}, P:(\text{possible-event}\{i:l\}(poss) \rightarrow \mathbb{P}\{i'\}),$
 $R:(\text{possible-event}\{i:l\}(poss) \rightarrow \text{possible-event}\{i:l\}(poss) \rightarrow \mathbb{P}\{i'\}), Rs:(T \rightarrow T \rightarrow \mathbb{P}\{i'\}).$
 $\text{ma-knows}\{i:l\}(poss; i; T; s; P; Rs; R) \in \mathbb{P}\{i'\}$