

tagged-messages_wf^{11,40}

$\forall S, V:\text{Type}, M:(\text{IdLnk} \rightarrow \text{Id} \rightarrow \text{Type}), l:\text{IdLnk}, s:S, v:V,$
 $L:((t:\text{Id} \times (S \rightarrow V \rightarrow (M(l,t) \text{ List}))) \text{ List}).$
 $\text{tagged-messages}(l;s;v;L) \in (\{m:\text{Msg}(M) \mid \text{mlnk}(m) = l\} \text{ List})$