

ma-send-val-inherence^{0,22}

$\forall i:\text{Id}, a:\text{Atom1}, k:\text{Knd}, A:\text{MsgA}.$
 $\text{AtomFree}(\text{ds}(A))$
 $\Rightarrow \text{AtomFree}(\text{da}(A))$
 $\Rightarrow \lambda z, z@_0. \text{filter}(\lambda m. \text{source}(\text{mlnk}(m)) = i; A.\text{sends}(k, z, z@_0)): A.\text{state} \rightarrow A.\text{da}(k) \rightarrow$
 $\quad (\{m:\text{Msg}(\lambda l, tg. A.\text{dout}(l, tg)) \mid \text{source}(\text{mlnk}(m)) = i\} \text{List}) \gg a$
 $\Rightarrow \text{ma-body}(A):\text{Shape}(A) \gg a$