

ma-component-types^{0,22}

$\forall M:\text{MsgA}.$

$\{1\text{of}(M) \in a:\text{Id fp} \rightarrow \text{Type} \ \& \ 1\text{of}(2\text{of}(M)) \in k:\text{Knd fp} \rightarrow \text{Type}$
 $\ \& \ 1\text{of}(2\text{of}(2\text{of}(M))) \in x:\text{Id fp} \rightarrow 1\text{of}(M)(x)?\text{Void}$
 $\ \& \ 1\text{of}(2\text{of}(2\text{of}(2\text{of}(M)))) \in a:\text{Id fp} \rightarrow \text{State}(1\text{of}(M)) \rightarrow 1\text{of}(2\text{of}(M))(\text{locl}(a))? \text{Top} \rightarrow \text{Prop}$
 $\ \& \ 1\text{of}(2\text{of}(2\text{of}(2\text{of}(2\text{of}(M))))))$
 $\ \in kx:\text{Knd} \times \text{Id fp} \rightarrow \text{State}(1\text{of}(M)) \rightarrow \text{Valtype}(1\text{of}(2\text{of}(M)); 1\text{of}(kx)) \rightarrow 1\text{of}(M)(2\text{of}(kx))? \text{Void}$
 $\ \& \ 1\text{of}(2\text{of}(2\text{of}(2\text{of}(2\text{of}(2\text{of}(M))))))$
 $\ \in kl:\text{Knd} \times \text{IdLnk fp} \rightarrow$
 $\ \ (tg:\text{Id}$
 $\ \ \times (\text{State}(1\text{of}(M)) \rightarrow \text{Valtype}(1\text{of}(2\text{of}(M)); 1\text{of}(kl)) \rightarrow$
 $\ \ \ (1\text{of}(2\text{of}(M))(\text{rcv}(2\text{of}(kl), tg))? \text{Void List})) \text{List}$
 $\ \ \& \ 1\text{of}(2\text{of}(2\text{of}(2\text{of}(2\text{of}(2\text{of}(2\text{of}(M)))))) \in x:\text{Id fp} \rightarrow \text{Knd List}$
 $\ \ \& \ 1\text{of}(2\text{of}(2\text{of}(2\text{of}(2\text{of}(2\text{of}(2\text{of}(2\text{of}(M)))))) \in ltg:\text{IdLnk} \times \text{Id fp} \rightarrow \text{Knd List}\}$