

msg-rename_wf^{0,22}

$\forall M: (\text{IdLnk} \rightarrow \text{Id} \rightarrow \text{Type}), rt: (\text{Id} \rightarrow \text{Id}), rtinv: (\text{Id} \rightarrow (\text{Id} + \text{Unit})).$

$\text{inv-rel}(\text{Id}; \text{Id}; rt; rtinv)$

$\Rightarrow (\forall m: \text{Msg}(M). \text{isl}(rtinv(\text{mtag}(m))) \Rightarrow \text{msg-rename}(rtinv; m) \in \text{Msg}(\lambda l, tg. M(l, rt(tg))))$