

$$\begin{aligned}
& head\text{-}fragment\text{-}ph \Rightarrow \left[\begin{array}{l} \text{CONTEXT} \left[\begin{array}{l} \text{SOURCE} \quad message \boxed{M} \\ \text{SAL-UTT} \left\{ \left[\text{CONTENT} \quad \boxed{C_1} \right], \dots, \left[\text{CONTENT} \quad \boxed{C_n} \right] \right\} \end{array} \right] \\ \text{CATEGORY} \mid \text{HEAD} \left[\begin{array}{l} head \\ \text{CLUSTER} \left\langle \left[\text{CONTENT} \quad \boxed{C_1'} \right], \dots, \left[\text{CONTENT} \quad \boxed{C_n'} \right] \right\rangle \end{array} \right] \\ \text{CONTENT} \quad R_{sem} \left(\boxed{M}, \left\langle \boxed{C_1}, \boxed{C_1'} \right\rangle, \dots, \left\langle \boxed{C_n}, \boxed{C_n'} \right\rangle \right) \end{array} \right]
\end{aligned}$$