

*cluster-ph*  $\Rightarrow$  *non-headed-ph* &

$$\left[ \begin{array}{l} \text{HEAD} \\ \text{SUBJ} \\ \text{SPR} \\ \text{COMPS} \\ \text{SLASH} \\ \text{N-HD-DTRS} \end{array} \left[ \begin{array}{l} \text{head} \\ \text{CLUSTER } nelist(\text{synsem}) \langle \boxed{1}, \dots, \boxed{n} \rangle \\ \langle \rangle \\ \langle \rangle \\ \langle \rangle \\ \Sigma_1 \cup \dots \cup \Sigma_n \\ \left\langle \left[ \text{SYNSEM } \boxed{1} \left[ \text{SLASH } \Sigma_1 \right] \right], \dots, \left[ \text{SYNSEM } \boxed{n} \left[ \text{SLASH } \Sigma_n \right] \right] \right\rangle \end{array} \right] \right]$$