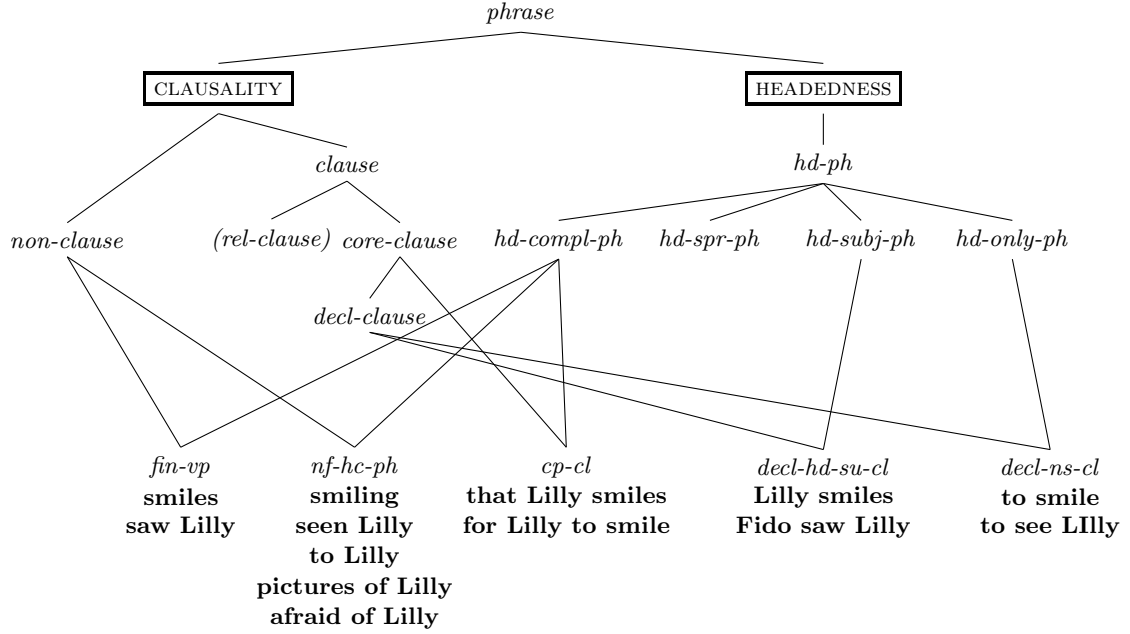


Syntax 1: Phrase Types

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A. The Type Hierarchy for Phrases



B. Type Constraints

$$phrase \Rightarrow \left[\text{SYNSEM:LOC:CAT:COMPS } \langle \rangle \right]$$

$$hd-ph \Rightarrow \left[\begin{array}{l} \text{SYNSEM:LOC:CAT:HEAD} \\ \text{HEAD-DTR:SYNSEM:LOC:CAT:HEAD} \end{array} \begin{array}{l} \boxed{1} \\ \boxed{1} \end{array} \right]$$

$$hd-ph \Rightarrow \left[\begin{array}{l} \text{SYNSEM:BCKGRND} \\ \text{HEAD-DTR:SYNSEM:BCKGRND} \end{array} \begin{array}{l} \boxed{2} \\ \boxed{2} \end{array} \right]$$

$$fin-vp \Rightarrow \left[\begin{array}{l} \text{SYNSEM:LOC:CAT:HEAD:} \end{array} \begin{array}{l} v \\ \text{VFORM } fin \\ \text{AUX } \boxed{1} \\ \text{POL } \boxed{1} \end{array} \right]$$

$$nf-hc-ph \Rightarrow \left[\begin{array}{l} \text{SYNSEM:LOC:CAT:HEAD:} \end{array} \begin{array}{l} v \\ \text{VFORM } nonfin \end{array} \right] \vee a \vee n \vee p$$

$$clause \Rightarrow \left[\begin{array}{l} \text{SYNSEM:LOC:} \end{array} \begin{array}{l} \text{CAT:SUBJ } list(noncan-ss) \\ \text{CONT } message \end{array} \right]$$

$$core-cl \Rightarrow \left[\begin{array}{l} \text{SYNSEM:LOC:CAT:HEAD} \end{array} \begin{array}{l} verbal \\ \text{VFORM } clausal \\ \text{MOD } none \end{array} \right]$$

$$decl-cl \Rightarrow \left[\begin{array}{cc} \text{SYNSEM:LOC:CONT} & \left[\begin{array}{c} \text{austinian} \\ \text{SOA } \boxed{1} \end{array} \right] \\ \text{HEAD-DTR:SYNSEM:LOC:CONT } \boxed{1} & \end{array} \right]$$

$$cp-cl \Rightarrow \left[\text{SYNSEM:LOC:CAT:HEAD } c \right]$$

$$decl-hd-su-cl \Rightarrow \left[\begin{array}{cc} \text{SYNSEM:LOC:CAT:HEAD} & \left[\begin{array}{c} \text{VFORM } \textit{fin} \\ \text{INV } - \end{array} \right] \end{array} \right]$$

$$decl-ns-cl \Rightarrow \left[\begin{array}{cc} \text{SYNSEM:LOC:CAT} & \left[\begin{array}{c} \text{HEAD } \left[\begin{array}{c} v \\ \text{INV } - \end{array} \right] \\ \text{SUBJ } \langle \text{XP} \rangle \end{array} \right] \end{array} \right]$$

$$fin-vp \Rightarrow \left[\begin{array}{cc} \text{SYNSEM:LOC:CAT:HEAD:} & \left[\begin{array}{c} v \\ \text{VFORM } \textit{fin} \\ \text{AUX } \boxed{1} \\ \text{POL } \boxed{1} \end{array} \right] \end{array} \right] \wedge non-clause \wedge phrase \wedge hd-comp-ph \wedge hd-ph$$