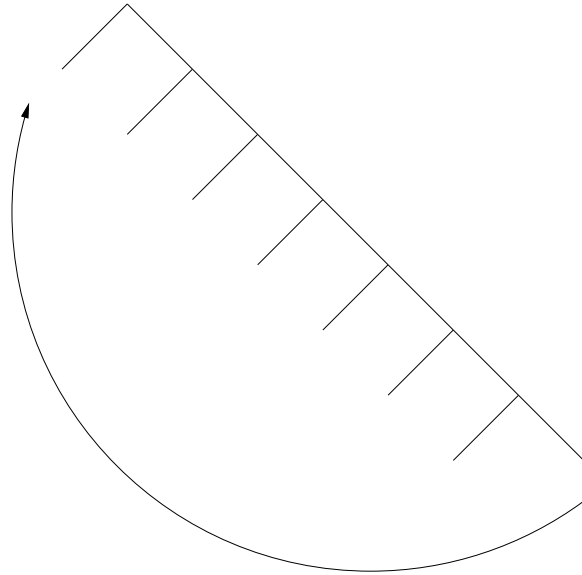
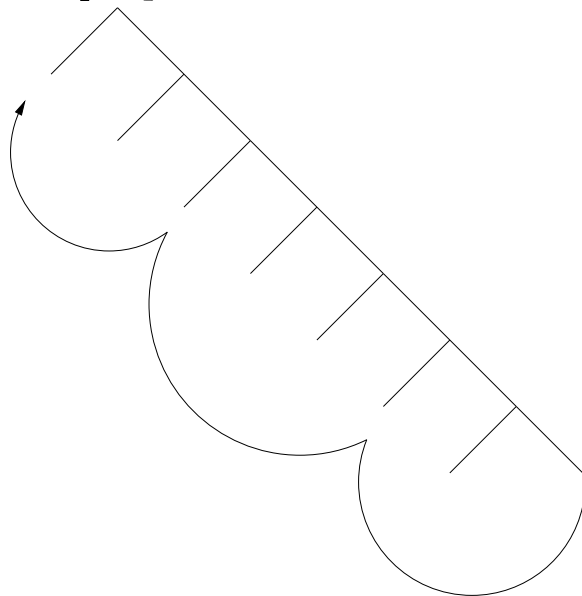


15.2 Slides

(1) Swooping:



(2) Looping:



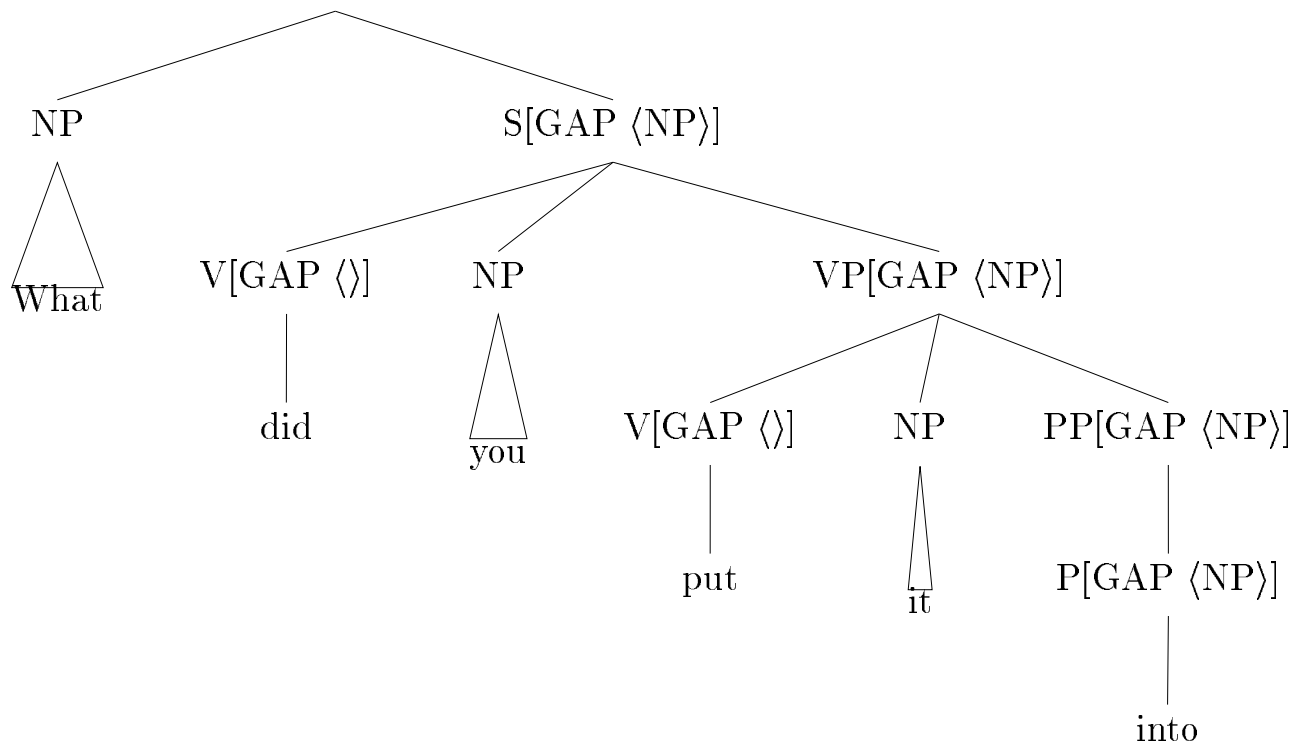
- (3) Bottom: a feature GAP, a revision of the ARP, the Subject Extraction Lexical Rule

Middle: the GAP Principle

Top: the Head-Filler Rule

- (4) What did you put it into?

- (5) S[GAP <NP>]



$$(6) \left[\begin{array}{l} \text{SYN} \left[\begin{array}{ll} \text{SPR} & \boxed{1} \\ \text{COMPS} & \boxed{2} \ominus \boxed{3} \\ \text{GAP} & \boxed{3} \end{array} \right] \\ \text{ARG-ST } \boxed{1} \oplus \boxed{2} \end{array} \right]$$

$$(7) \left[\text{ARG-ST } \langle \text{NP}, \text{NP}, \text{PP} \rangle \right]:$$

$$\text{a.} \left[\begin{array}{ll} \text{SPR} & \langle \text{NP} \rangle \\ \text{COMPS} & \langle \text{NP}, \text{PP} \rangle \\ \text{GAP} & \langle \rangle \end{array} \right]$$

$$\text{b.} \left[\begin{array}{ll} \text{SPR} & \langle \text{NP} \rangle \\ \text{COMPS} & \langle \text{NP} \rangle \\ \text{GAP} & \langle \text{PP} \rangle \end{array} \right]$$

$$\text{c.} \left[\begin{array}{ll} \text{SPR} & \langle \text{NP} \rangle \\ \text{COMPS} & \langle \text{PP} \rangle \\ \text{GAP} & \langle \text{NP} \rangle \end{array} \right]$$

$$\begin{array}{l}
 (8) \quad \left\langle \boxed{0}, \left[\begin{array}{l} \text{word} \\ \text{SYN} \left[\begin{array}{l} \text{HEAD} \left[\begin{array}{l} \text{verb} \\ \text{FORM} \quad \text{fin} \end{array} \right] \\ \text{SPR} \quad \langle [] \rangle \end{array} \right] \end{array} \right] \right\rangle \Rightarrow \\
 \left\langle \boxed{0}, \left[\begin{array}{l} \text{SYN} \left[\begin{array}{l} \text{SPR} \quad \langle \rangle \\ \text{GAP} \quad \langle \boxed{1} \rangle \end{array} \right] \\ \text{ARG-ST} \quad \langle \boxed{1}, \dots \rangle \end{array} \right] \right\rangle
 \end{array}$$

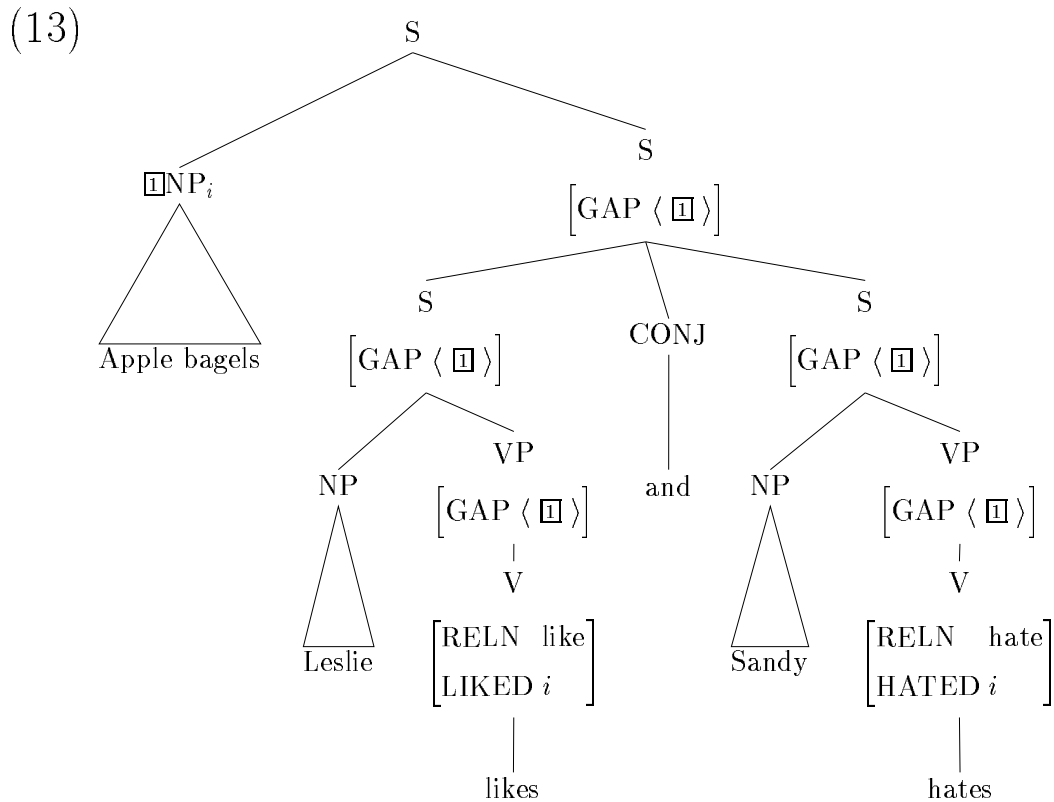
(9) a. I wonder where he is.

b.*I wonder where he.

(10)*Here is the student that the principal suspended ___
and Sandy.

(11)*Apple bagels, I can assure you that Leslie likes ___
and Sandy hates cream cheese.

(12) Apple bagels, (I can assure you that) Leslie likes ___
and Sandy hates ___ .



(14)*Which rock legend would it be ridiculous to compare
___ and ___ ?