Binding as agreement

Based on Koeneman & Zeiljstra (2017)

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Binding

Principle A:
A reflexive must be bound by a c-commanding antecedent, where the antecedent is dominated by the closest finite FinP that dominates the reflexive.
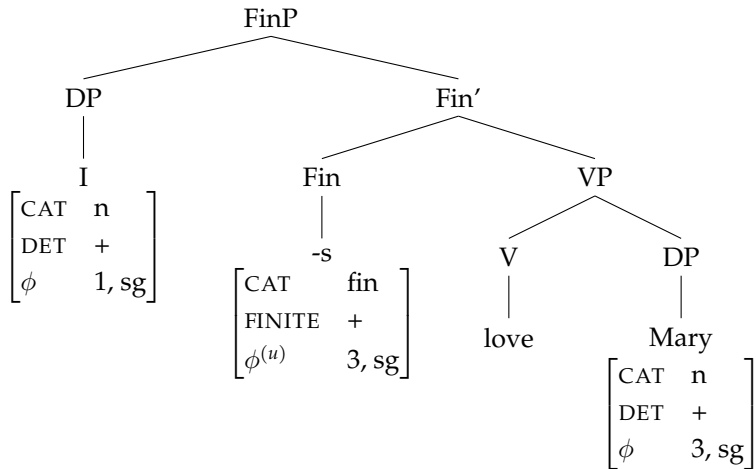
Principle B:
A non-reflexive pronoun cannot be bound by a c-commanding antecedent, where the antecedent is dominated by the closest finite FinP that dominates the reflexive.

Agreement (to be revised)

In a tree Γ, if there is a node α with $\left[F^{(u)} \right]$, then there needs to be another node β with $\left[F \right]$, such that there are no maximal projection nodes that include α without including β or vice versa.

(1) *I loves Mary.

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                              FinP
                    ┌───────────┴───────────┐
                   DP                      Fin'
                    │               ┌────────┴────────┐
                    I              Fin                VP
         ⎡CAT   n    ⎤              │           ┌──────┴──────┐
         ⎢DET   +    ⎥             -s           V            DP
         ⎣φ     1, sg⎦     ⎡CAT      fin ⎤       │             │
                          ⎢FINITE   +   ⎥      love          Mary
                          ⎣φ^(u)    3, sg⎦            ⎡CAT   n    ⎤
                                                      ⎢DET   +    ⎥
                                                      ⎣φ     3, sg⎦
```
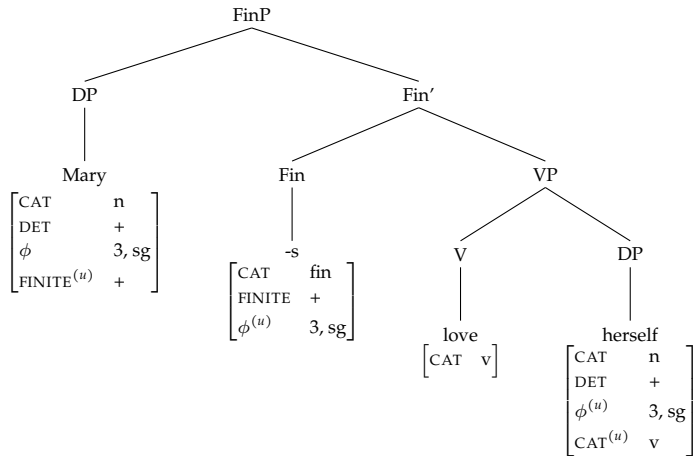
Agreement

An uninterpretable feature $\left[F^{(u)}\right]$ must be c-commanded by a matching $\left[F\right]$ in the same finite clause; otherwise the sentence is ungrammatical.

(2) Mary loves herself.

FinP
- DP
  - Mary
    $$\begin{bmatrix} \text{CAT} & \text{n} \\ \text{DET} & + \\ \phi & \text{3, sg} \\ \text{FINITE}^{(u)} & + \end{bmatrix}$$
- Fin'
  - Fin
    - -s
      $$\begin{bmatrix} \text{CAT} & \text{fin} \\ \text{FINITE} & + \\ \phi^{(u)} & \text{3, sg} \end{bmatrix}$$
  - VP
    - V
      - love
        $$\begin{bmatrix} \text{CAT} & \text{v} \end{bmatrix}$$
    - DP
      - herself
        $$\begin{bmatrix} \text{CAT} & \text{n} \\ \text{DET} & + \\ \phi^{(u)} & \text{3, sg} \\ \text{CAT}^{(u)} & \text{v} \end{bmatrix}$$

What next?

- ▶ Give up unifying case, agreement and binding.

- ▶ Rethink the structural relations.