

Syntax 1: Semantics and Raising

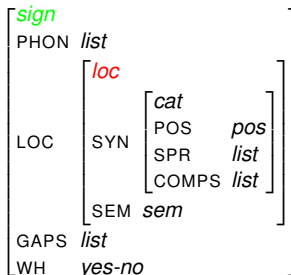
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The structure of the sign

- Grammar 4 adds semantic properties to (some) signs. To this end, a new attribute SEM is added at the same level where the syntactic properties are stored as the value of the attribute SYN.
- The syntactic and semantic information of the sign is grouped together as the value of a new attribute LOC(AL).
- The value of LOC plays a very important role in the grammar:
 - 1 The members of SPR and COMPS lists are of type *local*, i.e. when one sign selects a specifier or a complement, it specifies the element's *local* properties: its syntax and its semantics.
 - 2 The members of GAPS are also of type *local*. That means that a filler and the gap it fills share one *local* value.

Here is the new structure of the sign. It will remain constant from now on:



Subject raising verbs

- There is a special verb class called **subject raising verbs**.
- These verbs are easy to identify by applying the following tests.
- If the verb passes these tests, then it is a **subject raising verbs**.
- Usually, if the verb passes one of these tests, then it passes all of them.

Subject raising verb Test Nr. 1

If the verb V takes a non-finite VP-complement headed by the verb *rain*, then V must take the idiomatic word *it* as its subject.

Illustration:

- (1) a. *It_{idiom}* will_V *rain*.
b. * *The student* will_V *rain*.

Subject raising verb Test Nr. 2

If the verb V takes a non-finite VP-complement headed by a verb that selects an idiomatic NP as its subject, then V must take this idiomatic NP as V's subject.

Illustration:

- (2) a. All hell_{idiom} will_V break_{idiom} loose.
b. * An accident will_V break_{idiom} loose.

Subject raising verb Test Nr. 3

If the verb *V* takes a non-finite VP-complement headed by a verb that imposes semantic requirements on its subject, then *V* must impose those same semantic requirements on *V*'s subject.

Illustration:

The verb *kill* only requires of its subject that it express some kind of force that kills the referent of the direct object. That force can be alive or not:

- (3) a. The student will_V kill the politician.
b. The accident will_V kill the politician.

In contrast, the verb *assassinate* requires its subject to express a person. Forces cannot assassinate anyone!

- (4) a. The student will_V assassinate the politician.
b. * The accident will_V assassinate the politician.

The same case can be made with the verbs *like* (which requires a living being as its subject) or *happen* (which requires an event as its subject).

Subject raising verb Test Nr. 4

If the verb V takes a non-finite VP-complement headed by a verb that selects a subject of a particular syntactic category, then V must select a subject of the same syntactic category.

Illustration:

The verb *like* requires its subject to be an NP:

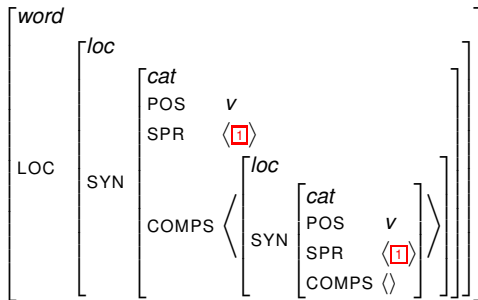
- (5) a. [_{NP} The student] will_V *like* the politician.
b. * [_S That the student smokes] will_V *like* the politician.

In contrast, the verb *annoy* allows its subject to be an NP or an S:

- (6) a. [_{NP} The student] will_V *annoy* the politician.
b. [_S That the student smokes] will_V *annoy* the politician.

Capturing the behavior of subject raising verbs

- 1 Subject raising verbs select non-finite VPs, i.e. verbal expressions that are COMPS-complete, but still have a non-empty SPR list.
- 2 Subject raising verbs identify the member of their own SPR list with the unexpressed textscspr of their VP-complement.



Homework

Which of the following two verbs is a subject raising verb? Prove your answer by applying the 4 tests for subject raising verbs to each verb!

- 1 seem
- 2 try