

Grammar 13

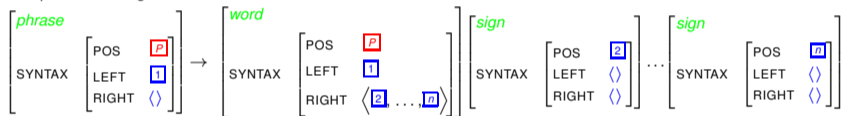
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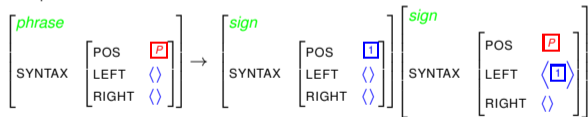
The phrase structure rules of Grammar 12

The rules appear in the order in which they apply, from the bottom of the tree to the top.

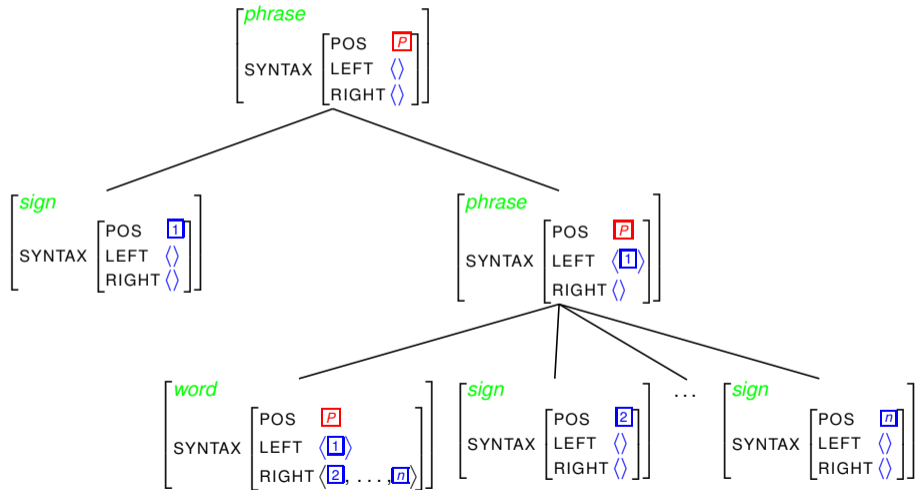
Complete-on-the-right-rule:



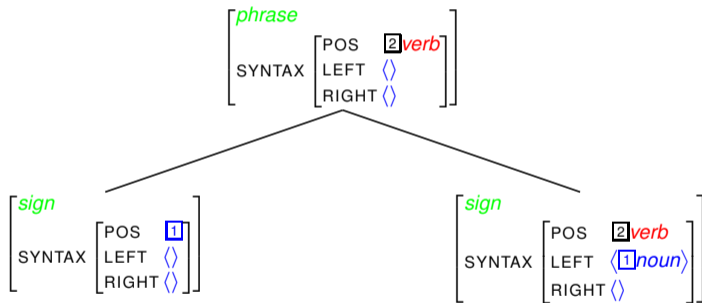
Complete-on-the-left-rule:



The general structure of phrases



The structure of sentences



Verb forms

Up to now, our example sentence have contained just **finite** verb forms:

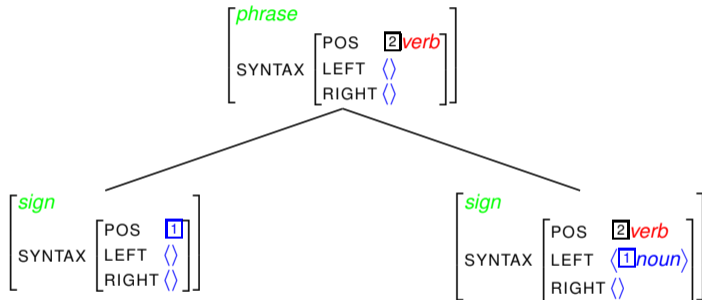
(1) Jill *smokes*

But, of course, *smoke* has non-finite verb forms as well:

Verb form	Example
<i>bare</i>	Kim will <i>smoke</i>
<i>perfect</i>	Kim has <i>smoked</i>
<i>progressive</i>	Kim is <i>smoking</i>

The structure of sentences

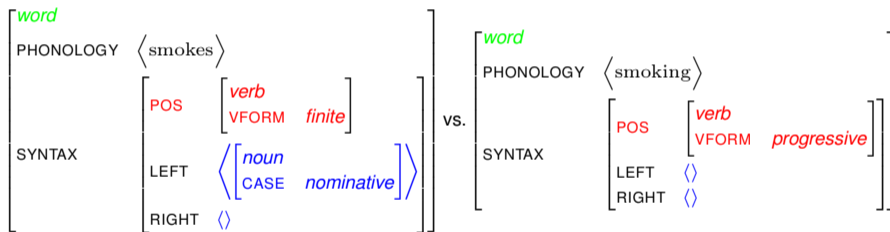
Problem: not every verb form can appear in the VP-slot of sentences:



- (2) a. $[finite]$ Kim *smokes*
 b. $[finite]$ Kim *smoked*
 c. * $[bare]$ Kim *smoke*
 d. * $[perfect]$ Kim *smoked*
 e. * $[progressive]$ Kim *smoking*

Lexical entries for non-finite verb forms

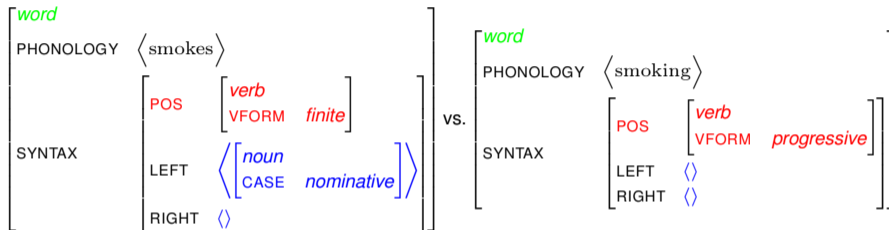
- Finite verb forms can be the only verb form of a main clause.
- Non-finite verb forms cannot.
- How can we derive that difference from their respective lexical entries?



There are two differences between finite and non-finite verbs:

- 1 They have different **VERB FORM** values.
- 2 Finite verb forms are incomplete on the left, but non-finite verb forms are already complete on the left in the lexicon, because they don't need a subject.

Non-finite verb forms cannot be the only verb of main clauses



Reason:

- 1 Main clauses are produced by the **Complete-on-the-left-rule**.
- 2 But, non-finite verbs are not incomplete on the left.
- 3 Hence, neither non-finite verbs nor non-finite verb phrases can create a main clause.

Exercises

- 1 Parse the words “smokes”, “smoked”, “smoke”, and “smoking”!
- 2 In each case, note how many results the grammar returns! If there is more than one result, you can display them individually by their number in the upper right corner of the result window.
- 3 Why do you get two results for “smoked”, but only one for the other verb forms?
- 4 Parse test items (83)-(86)!
- 5 Explain why the grammar returns two results for the word “smoked”, but only one for “Kim smoked.”