

# Grammar 18

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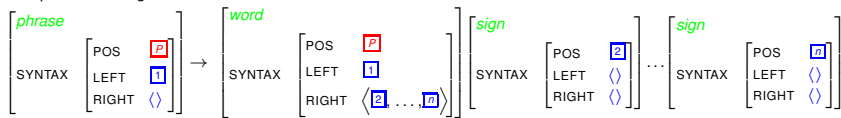
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# The grammar so far

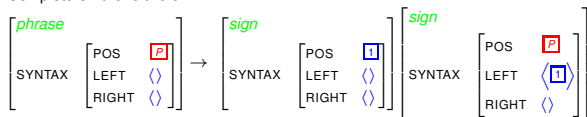
There are only two grammar rules:

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

Complete-on-the-right-rule:



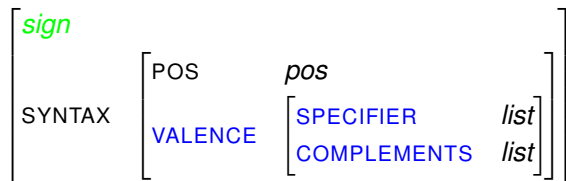
Complete-on-the-left-rule:



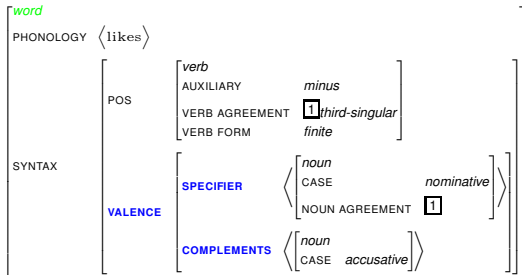
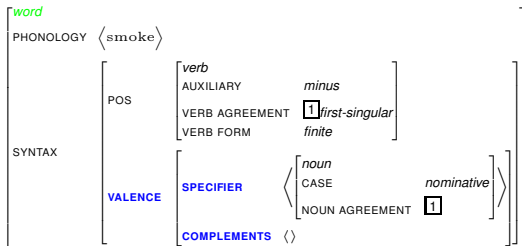
# Technical terms for 3 concepts that we already know

- 1 **Complement:** a sign that a head selects on its right.
- 2 **Specifier:** a sign that a head selects on its left.
- 3 **Valence:** the description of the specifier and complement lists that a head selects.

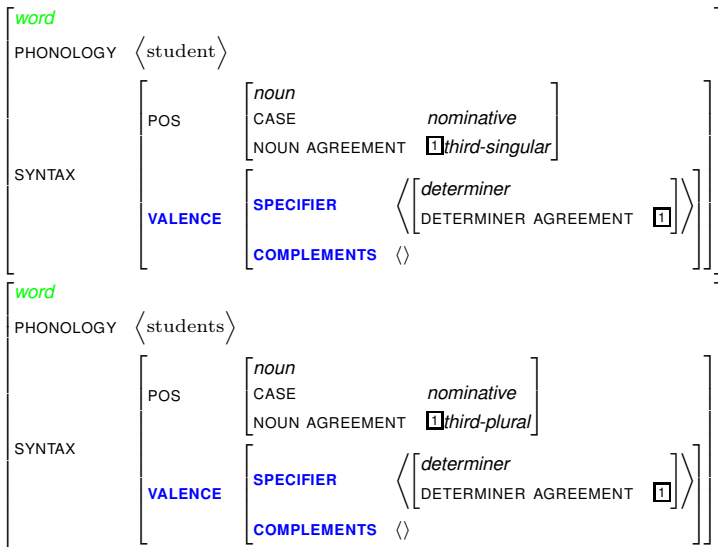
Based on this terminology, starting with Grammar 18, we will structure the syntax of all signs as follows:



# Lexical entries for typical verbs



# Lexical entries for typical nouns



# Lexical entries for typical determiners

<i>word</i>				
PHONOLOGY	<a>			
SYNTAX	POS	<i>determiner</i>		
	VALENCE	DETERMINER AGREEMENT	<i>third-singular</i>	
		SPECIFIER	<>	
		COMPLEMENTS	<>	

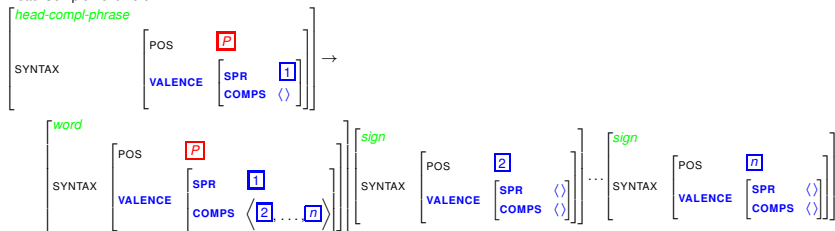
  

<i>word</i>				
PHONOLOGY	<those>			
SYNTAX	POS	<i>determiner</i>		
	VALENCE	DETERMINER AGREEMENT	<i>third-plural</i>	
		SPECIFIER	<>	
		COMPLEMENTS	<>	

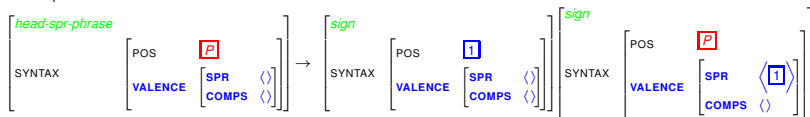
# Giving the grammar rules their official names as well

There are only two grammar rules:

Head-Complement Rule:



Head-Specifier Rule:



# Excercises

- 1 Write lexical entries in the new valence format for the words *apple*, *eaten*, the progressive auxiliary *am*, *a*, and *Kim*.
- 2 By hand, draw trees for the following sentences and then compare your solutions to the solutions the grammar produces (but only after you have drawn the trees by hand!):
  - a. *Kim smokes.*
  - b. *The student smokes.*
  - c. *Kim is fond of Robin.*
  - d. *Kim showed a letter to Robin.*
  - e. *Kim showed a letter to Robin.*
  - f. *Kim will have been eating an apple.*