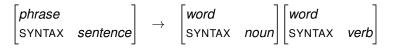
## Grammar 2

Professor Gert Webelhuth Goethe-University Frankfurt

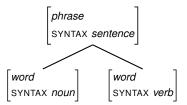
- In Grammar 1, you were able to parse 4 words.
- You were not able to parse additional words, because the lexicon of Grammar 1 only contains those 4 words.
- You were also not able to parse multi-word sentences. The reason for this is that Grammar 1 only contains a lexicon, but does not have a syntax.
- Clearly, this is not satisfactory! Grammar 1 needs to be improved. For this reason, our next grammar, Grammar 2, contains our first syntactic rule.

Note: from here on, our grammars will concentrate on syntax. Unless it is necessary, we will therefore omit phonological and semantic information from words, phrases, and sentences.

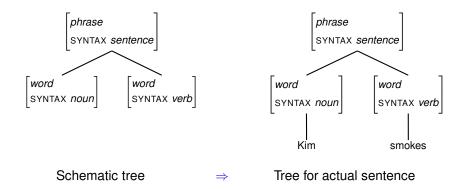
## A phrase structure rule for sentences



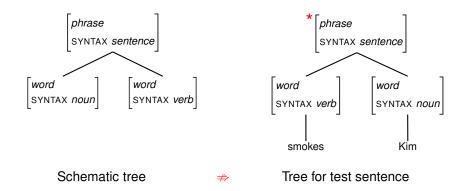
This rule above licenses trees of the following form:



## **Predictions**



## Predictions, 2



More precisely: it is the tree schema + two lexical entries that licenses the tree for the actual sentence

