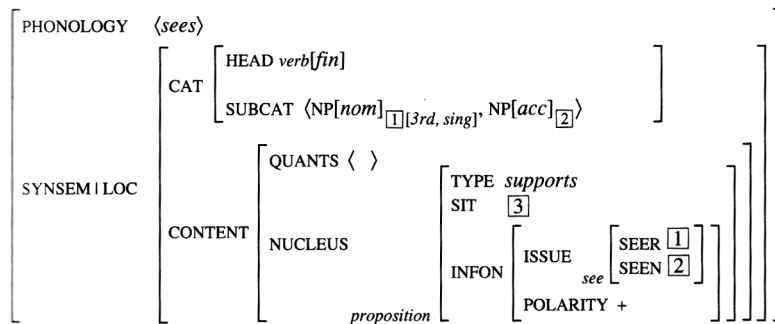


# T<sub>E</sub>X and Linguistics

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Linguistics is a field that stands at the intersection of numerous other disciplines. Therefore it has a number of notational systems, some of which are quite difficult to work with in traditional word processors. However, since many of these notations are based on mathematics, T<sub>E</sub>X is a natural typesetting system for linguistics.

For example, the following lexical entry for the verb *sees* in Head-driven Phrase Structure Grammar is a nightmare to type and maintain in Word, yet it is quite straightforward in T<sub>E</sub>X. (I use a scan here here because in the talk I want to show how T<sub>E</sub>X may be used to typeset real linguistic examples, not to show what in linguistics is generally done via or influenced by T<sub>E</sub>X.)



The talk begins with an overview of the field of linguistics, showing the different notational systems each subfield uses. Following that, I show how (many of) these examples may be typeset in T<sub>E</sub>X, citing its advantages over other typesetting systems (and to be fair, its drawbacks as well), drawn from my own practical experience as a linguist and a publisher of linguistics.