**TeX and Linguistics**

Steve Peter

Beech Stave Press

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, TeX 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 TeX. (I use a scan here because in the talk I want to show how TeX may be used to typeset real linguistic examples, not to show what in linguistics is generally done via or influenced by TeX.)

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 TeX, 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.