## CARPENTER

## PROPOSED FINAL

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	The Linguistic Knowledge Builder (LKB) provides an interactive grammar development environment for typed feature structure grammars. The LKB includes a parser and generator, visualization tools for all relevant data structures (including trees, feature structures, MRSs, hierarchies, parse and generation charts), and a set of specialized debugging facilities (like 'interactive unification') and well-formedness tests for grammar and lexicon. The LKB is implemented in ANSI Common-Lisp and available in full source code or as precompiled binaries for common platforms, including Linux, Solaris, and MS Windows.	
	The PET System for the high-efficiency processing of typed feature structure grammars complements the LKB as a run-time and application delivery component. PET interprets the same logical formalism (in fact reads the exact same grammar source files) and provides a parser that is (much) less resource-demanding than the LKB, more robust, portable, and available as a library that can be embedded into NLP applications. Unlike the LKB, PET includes only very limited debugging facilities.	

