Klaus Netter, Jürgen Wedekind

An LFG-based Approach to Machine Translation

Fachbereich Linguistik
Universität Stuttgart
Keplerstr. 17
7000 Stuttgart 1
SHORT DESCRIPTION OF SYSTEM

- LFG based translation system
- Research project (sponsored by BMFT)
- Scope: analysis, transfer and generation
- Bilingual, transfer based system
- Source: German; target: French (and vice versa)
- Analysis output: f-structures
- Dictionaries:
  German: ca. 200 entries
  French: ca. 200 entries
- Grammar rules:
  German: ca. 20
  French: ca. 50
- Support system for maintaining lexical entries
- Description language: LFG
  Implementation language: CProlog
- Operating system: VMS 4.3
- Hardware: VAX 11/780