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An LFG-based Approach to Machine Translation

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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