

Unbounded Dependency Constructions (UDCs) in HPSG

1. Provide a trace-based HPSG analysis for the following:

- (1) Kim_I, Dana believes Chris knows Sandy trusts _{-I}.
- (2) Das Pferd hat er verkauft.
the horse.acc has he sold
"He has sold the horse".

For the sentence in (2) indicate also where the traces should appear in the sentence. Explain your analysis.

2. Provide a traceless HPSG analysis for the sentence in (2) above.