

Sleeping Furiously

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Robustness and Precision

- Hand-built grammars cannot (yet) analyze every sentence written
Long tail of difficult phenomena (gapping, comparatives)
Evolving theories of language
Author errors (such as *in* for *is*)
- Often an unparsed sentence fails at just one or two nodes



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- **How best to maximize precision while supplying robustness?**



Lexical semantics

- Orthography as semantic predicate is a good start
- Sense distinctions are real but elusive
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- A declarative grammar should be usable for generation
- We have applications that could use a generator (besides MT)
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