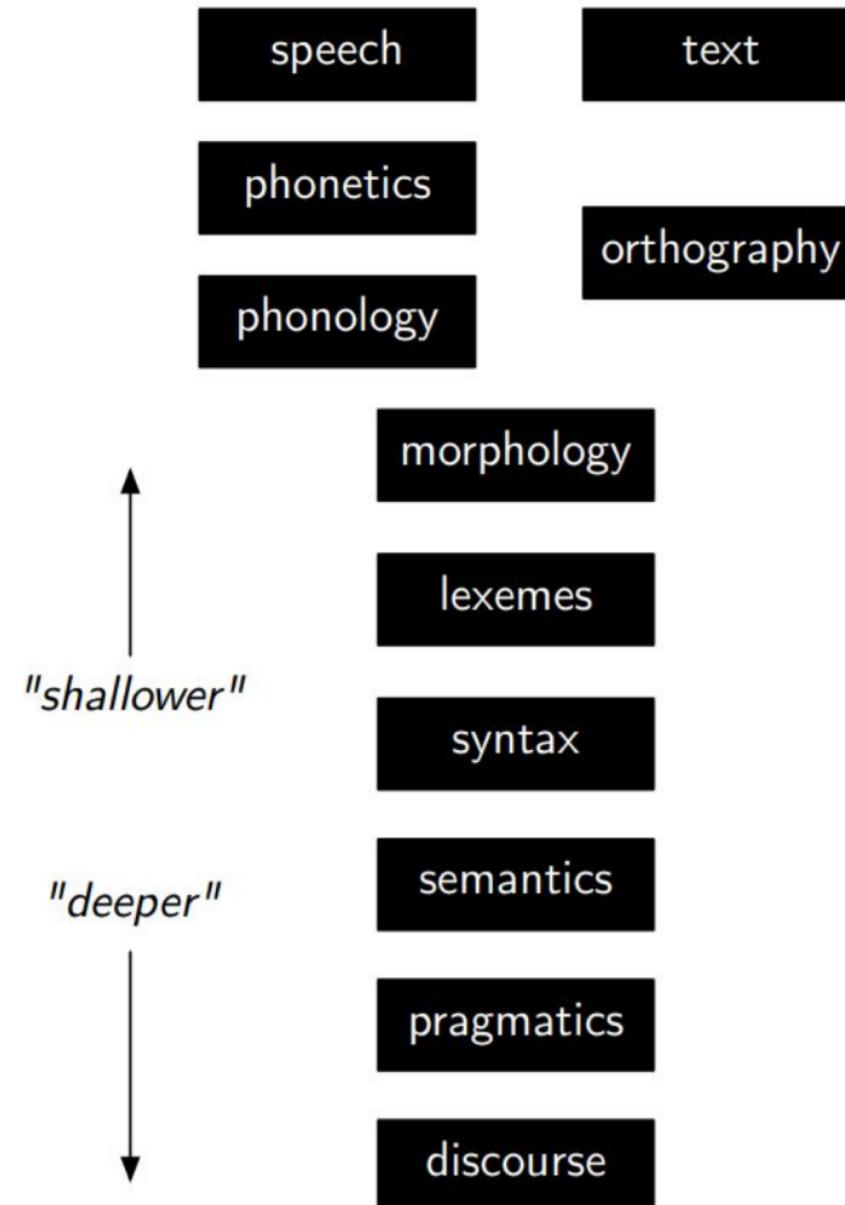


Level Of Linguistic Knowledge



Phonetics, Phonology

- Pronunciation Modeling

SOUNDS Th i a si e n

Words

- Language Modeling
- Tokenization
- Spelling correction

WORDS

This is a simple sentence

Morphology

- Morphology analysis
- Tokenization
- Lemmatization

WORDS	This is a simple sentence
MORPHOLOGY	be 3sg present

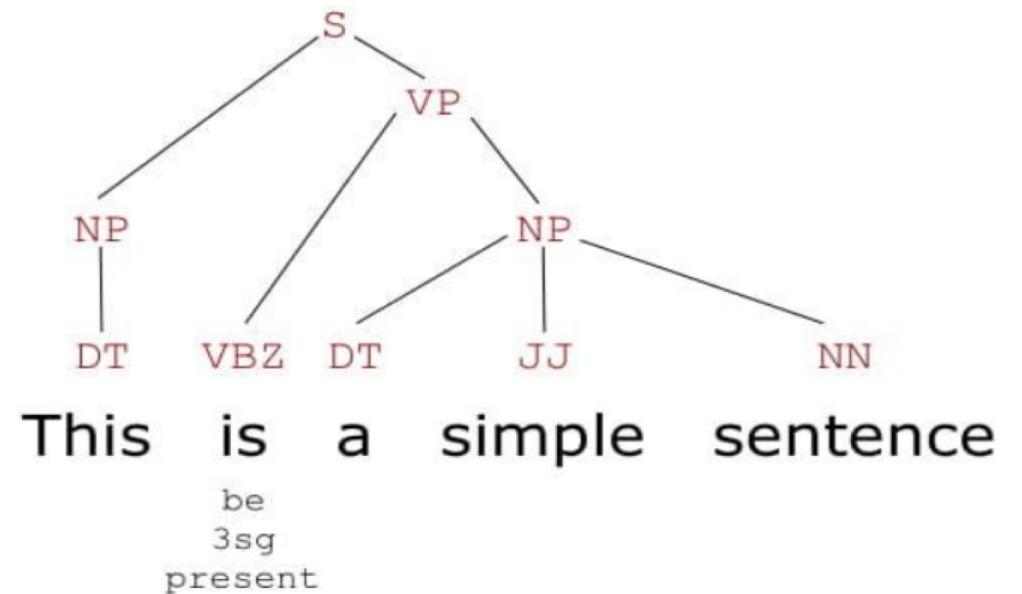
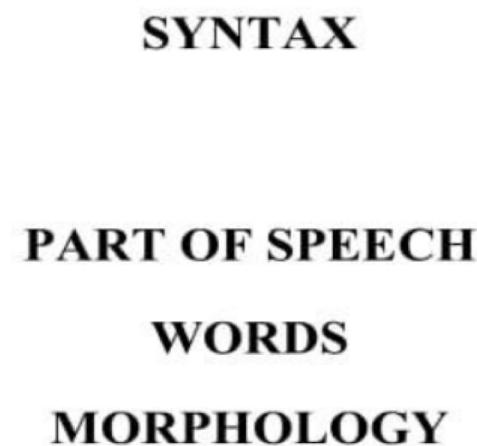
Part of Speech

- Part of speech tagging

PART OF SPEECH	DT	VBZ	DT	JJ	NN
WORDS	This is a simple sentence				
MORPHOLOGY	be				
	3sg				
	present				

Syntax

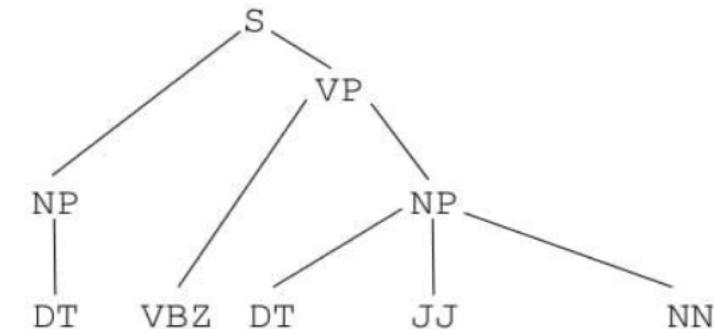
- Syntactic parsing



Semantics

- Named entity recognition
- Word sense disambiguation
- Semantic role labeling

SYNTAX



PART OF SPEECH

WORDS

MORPHOLOGY

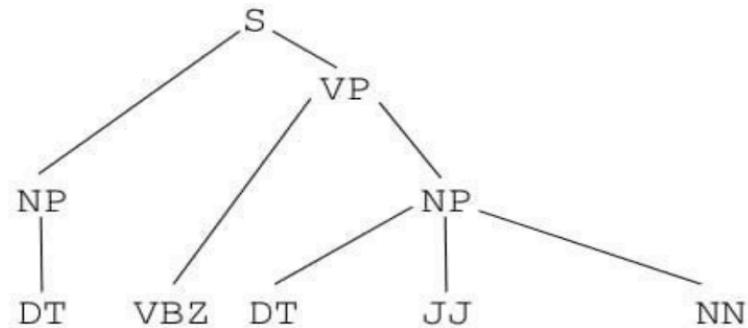
SEMANTICS

This is a simple sentence

be 3sg present SIMPLE1 having few parts SENTENCE1 string of words satisfying the grammatical rules of a language

Discourse

SYNTAX



PART OF SPEECH

WORDS

This is a simple sentence

be
3sg
present

SIMPLE1
having
few
parts

SENTENCE1
string of words
satisfying the
grammatical rules
of a language

MORPHOLOGY

SEMANTICS

CONTRAST

DISCOURSE

But it is an instructive one.