

# Lec5: Morphology-II

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## Recap: Content vs. Function Words

Nouns, adjectives, adverbs	prepositions, conjunctions, articles
Open class (productive)	Closed class (predictable) ("slash")
Conceptual, describing ideas, actions, attributes	Specifying grammatical relations
blue, girl, quickly, slow	of, and, the, a

## Recap: Segmentation into morphemes

- *trees* tree + ed=tree.pl ; *snowed* snow+ed=snow.past ;
- Glossing is a method of representing the morpheme segments  
e.g. *tree* contains one morpheme, *trees* contain two
- Morphological analysis implies a segmentation of words into discrete entities

## Basic terms

### Swadesh list

List of approx 200 words used to illustrate some universal concepts. Based on the premise that these must consist of *basic vocabulary items*<sup>a</sup>

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<sup>a</sup>[https://en.wiktionary.org/wiki/Template:Swadesh\\_list\\_207\\_plain](https://en.wiktionary.org/wiki/Template:Swadesh_list_207_plain)

### Examples

man, woman, this, that, who, what, one, two, bird, fish, ear, eye, cloud, stone, wet, dry

Are these mono-morphemic in your language?

# Word Formation Processes

trees, ringing, danced, greenish, quickly, goodness, singer

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Noun-Noun	Verb-Verb	Adj-Adj	Adj-Adv	Adj-Noun	Verb-Noun
trees	ringing	greenish	quickly	goodness	singer
	danced				

# Word Formation Processes

autodestruct, moralize, vaccinate, readable, specificity, undo, amoral



# Inflection and Derivation

- Inflection: no change the category of the stem + no change in meaning
- Derivation: often changes the category of the stem + change in meaning
- Inflection is closely related to the relationship of the word with others in the sentence
- Derivation creates new words in the vocabulary: microblog, retweet

## Types of Inflection

Use the Hindi word [kɪʈab] in a sentence

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## Types of Inflection

	Singular	Plural
Direct	[kɪṭab]	[kɪṭabẽ]
Oblique	[kɪṭab]	[kɪṭabõ]

## Types of Inflection

- But inflections can be far more numerous and can result in bigger **inflectional paradigms**

Examples are Old English nouns, before they lost these inflectional endings. engel 'angel'. Other examples include Sanskrit

	Singular	Plural
Nominative	engel	englas
Accusative	engel	englas
Genitive	engles	engla
Dative	engle	englum

## Inflection and Derivation

- Both inflection and derivation can operate together
- policewalon = police + wala + on (stem + derivation + inflection)
- moralizes = moral + moralize + s (stem + derivation + inflection)
- In general, inflection **follows** derivation

