

Day 9: Morphology
Ling 200: Introduction to Linguistic Thought

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1 *Content vs. Function*

2 *Morphological Analysis*

3 *Allomorphy*

Today

House keeping

- ① Return quiz 3 (not HW2)
- ② Assign HW3
- ③ Extended office hours Monday

Lecture & Activities

- ① Morphological processes (worksheet)
- ② Content vs. Function morphemes
- ③ Morphological Analysis (and practice)
- ④ Allomorphy (and practice)
- ⑤ Parts of speech (if time)

Terminology

Content vs. Function

Function morphemes:

Definition

Provide information about grammatical function by relating words of a sentence

prepositions:	in, of, on
determiners:	a, the, those, some
pronouns:	I, you, he
auxiliaries:	am, is, are
conjunctions:	either, and, nor
inflectional affixes:	-s, -ing, -ed

Terminology

Content vs. Function

Content morphemes:

Definition (content morphemes)

- Words with identifiable meaning (moose, car, house)
- Affixes which change meaning when added to root (replay, happiness)

nouns:	moose, car, house
verbs:	run, eat, give
adjectives:	happy, quick, cold
adverbs:	happily, often, very(?)
bound roots:	-ceive, -sist, -ject
derivational affixes:	re-, -ness, un-, -able

Morphological Analysis

- The key to morphological analysis is **comparison**.
- Compare similar forms with recurring units:
- [grap^ho:] 'I write'
- [grap^hɛ:] 'he writes'
- [p^hɛ:mi] 'to speak'

Morphological Analysis

- Find similar forms with **recurring units**
- Use process of elimination to **identify morphemes**
- Determine the **meaning** of the morphemes
- Determine **the order of morphemes** in word formation

Morphological Analysis

Hungarian

[ɛjɦɔz] 'a house'

[ɦɔzɔ] 'his/her house'

[ɛjbor] 'a wine'

[borɔ] 'his/her wine'

Identify and define morphemes:

- 'house' = [ɦɔz]
- 'wine' = [bor]
- 'a' = [ɛj]
- 'his/her' = [ɔ]

Determine the order of morphemes for Hungarian:

- determiner + root + possessive

Allomorphy

Allomorphy

Definition (allomorphy)

When the same morpheme has multiple different phonetic realizations

- allophone:phoneme::allomorph:morpheme

Allomorphy

Example

Example (Isthmus Zapotec)

- work through Isthmus Zapotec: #29, p. 183
- Generalization:
- Stem-initial voiced stops (/b, d, g/) become voiceless ([p, t, k]) when preceded by [s]...
- $C_{[+stop]} \rightarrow [-voice] / s __$
- Phonemic representation for the morpheme “tortilla”?

