

MORPHEMIC STRUCTURE OF THE WORD



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1. Morphological system of the language.
2. General characteristics of morphemes.
3. Speech variants of the morpheme (morphs and allomorphs).
4. Classification of morphemes.

1. The Morphological System of Language

The morphological system of language reveals its properties through **the morphemic structure of words.**

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**What are the units
of morphology?**

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The Morphological System of Language

- the word (the main unit of morphology);
- the morpheme

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**What do you know
about the word?**

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The Morphological System of Language

The WORD is:

- a basic nominative unit;
- an elementary indivisible constituent part of the lexicon;
- communication means.

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The Morphological System of Language

According to Prof. Blokh (Ch. II § 2),

The WORD is:

- a *basic nominative unit* of
language formed by
morphemes;

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The Morphological System of Language

- *elementary component of
the lexicon (i.e. a
component indivisible into
smaller segments as
regards its nominative
function);*

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The Morphological System of Language

*- used for the formation of
the sentence (= a unit of
information in the
communication process).*

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2. General Characteristics of Morphemes

What is a morpheme?

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General Characteristics of Morphemes

**Morphemes are
significant components
of words, their
elementary meaningful
parts.**

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General Characteristics of Morphemes

NB:

in studying the morpheme
we actually study the word
in the necessary details of
its composition and
functions.

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General Characteristics of Morphemes

The meaning of words can be defined in terms of:

- **syllables**

E.g. par-ty, par-ting

- **morphemes**

*E.g. party, part-ing (*par-ting)*

meet-ing

pass-ing

General Characteristics of Morphemes

So,
the word is made up of **morphemes**
(**elements of meaning**):

part and -ing



independent

dependent

free

bound

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Is “par-”
in “*parcel*”, “*parking*”,
“*particle*”, etc.
a morpheme?

General Characteristics of Morphemes

- 1) "par-" does not signal anything semantically in common,
- 2) *-cel*, *-king* and *-ticle* do not seem to attach themselves as bound morphemes to any other words in English.

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General Characteristics of Morphemes

NB:

in English the syllable as a unit
of sound has *no*
correspondence with the
morpheme as a unit of
meaning

- "party" (2 syllables, 1 morpheme);
- "parting" (2 syllables, 2 morphemes).

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General Characteristics of Morphemes

As the unit of morphological level the morpheme can be defined as *an abstract element of meaning*.

In other words, it is *a minimal meaningful unit*.

General Characteristics of Morphemes

As all other language units
morphemes are *twofold signs*
which have:

- **the plane of content;**
- **the plane of expression.**

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General Characteristics of Morphemes

In the hierarchy of meaningful language units (the word, the word-group, the sentence and the text) the morpheme can be described as *the minimal and indivisible unit*: it cannot be segmented further without losing its constitutive essence, that is, the meaning of a definite form.

E.g.: *-ed* \neq *e* and *d*

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General Characteristics of Morphemes

Unlike a word, the morpheme is *not an autonomous unit*.



It occurs in speech only as a constituent of the word.

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General Characteristics of Morphemes

Therefore,
the morpheme is *the minimal indivisible meaningful unit which participates in the formation of the word and regularly occurs in other words.*

General Characteristics of Morphemes

**According to Prof. Blokh (Ch. II § 2)
the MORPHEME is:**

- meaningful segmental component of the word (expresses abstract, "significative" meanings, used as constituents for the formation of more concrete, "nominative" meanings of words);

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General Characteristics of Morphemes

- formed by phonemes (the shortest morphemes include only one phoneme)

E.g.: cos-y [-i]; a-blaze [ə-]; enter-s [-z]);

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General Characteristics of Morphemes

- elementary component of the word (i.e. indivisible into smaller segments as regards its significative function).

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General Characteristics of Morphemes

Words vs Morphemes:

The words, being autonomous units, name objects of reality or objects of our thought.

The morphemes are not autonomous and the meaning of root morphemes is best described as associative.

E.g.: friend evokes associations with many words that are built with the help of this morpheme (*a friend, friendship, to befriend, friendly*).

General Characteristics of Morphemes

Words vs Morphemes:

Unlike the morpheme - *friend*, the word *friend* evokes in our minds the concept of a friend (which, by the way, may be different in different cultures).



3. Morphs and Allomorphs

The morpheme is a language unit. It is realized in speech as *the morph*.



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Morphs and Allomorphs

Morphs are the smallest meaningful successions of phonemes into which words are broken up.

E.g.: *paint*, *paint - s*, *paint - ed*, *paint - ing*, *paint - er*

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Morphs and Allomorphs

Different morphs if being the variants of the same morpheme are called *allomorphs* of the morpheme.



In other words *allomorphs manifest the same morpheme in speech.*

Morphs and Allomorphs

Allomorphs can be:

1) phonemically conditioned

E.g.: /s/, /z/, /iz/ (allomorphs for the plural “-s”);

/id/, /d/, /t/ (allomorphs for the past tense “-ed”).

2) morphemically conditioned

E.g.: “-en” in the words "oxen", "children".

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Morphs and Allomorphs

Allomorphs are singled out on the basis of distributional analysis.

3 main types of distribution:

- ***Non-contrastive*** (meanings or functions are the same)

E.g., *learnt*, *learned*

Morphs and Allomorphs

- *Contrastive* (meanings or functions are different)

E.g., *look – ed, look – ing;*

Morphs and Allomorphs

- *Complementary* (different environments of formally different morphs which are united by the same meaning or function)

E.g.: 1) **ill**iterate, **ir**relevant, **in**numerous, **im**possible;

2) [z] / [s] / [ɪz] (a phonemic complementary distribution;

3) [z] / [s] / [ɪz] – [ən] in oxen, children (a morphemic complementary distribution).

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Morphs and Allomorphs

Conclusion 1:

- morpheme is a kind of abstraction. It is the notion of the sphere of language (paradigmatics);



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Morphs and Allomorphs

Conclusion 2:

- Morphs are its speech realizations which regularly occur in different utterances and belong to the sphere of speech (syntagmatics);

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Morphs and Allomorphs

Conclusion 3:

- morpheme as a set of morphs may be represented by their variants — allomorphs.

4. Classification of Morphemes

The morpheme may be characterized by a lot of criteria, i.e. *its semantics, form and distribution.*

4. Classification of Morphemes

1. According to their semantics:

-lexical (roots)

E.g.: *teach* - er, *part*-ing, un-*like*-able

-grammatical (inflections)

E.g.: write-*s*, cross-*ing*, play-*ed*),

-lexical-grammatical (affixes)

E.g.: sing-*er*, happi-*ness*, love-*ly*.

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Classification of Morphemes

The ROOT:

- expresses the concrete, "material" part of the word meaning;
- obligatory;
- the common lexical element of words within a word family

E.g.: formate, formative, formatively, formation, formational, formalistic, formality.

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Classification of Morphemes

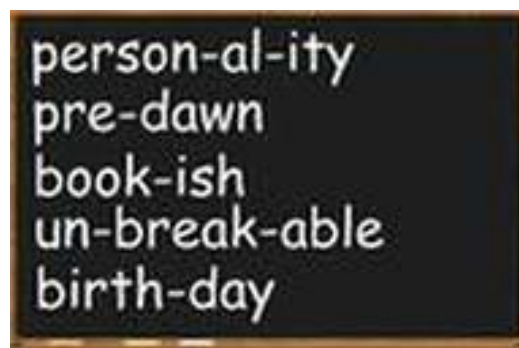
AFFIXES:

- are meaningful dependent elements;
- specify lexico-semantic and grammatico-semantic meaning of the word.

Classification of Morphemes

According to their place:

- **prefixes** (affixes which precede the root);
- **suffixes** (affixes which follow it).



Classification of Morphemes

Prefixes in English have a purely lexical role. They allow the construction of a large number of new words:

*E.g.: un-, de-, anti-, super-, etc.:
unhelpful, defrost, antisocial,
superstructure.*



Classification of Morphemes

Suffixes in English are of two kinds:

1. Most are purely lexical (*derivational suffixes*). Their primary function is to change the meaning of the root form (E.g.: *-ness*, *-ship*, *-able*: happiness, friendship, workable).



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Classification of Morphemes

2. *Inflections* (purely grammatical suffixes) express different morphological categories. Their role is to show how the word must be used in a sentence

E.g.: plural *-s*,
past tense *-ed*,
comparative *-er*.

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Classification of Morphemes

NB:

The abstract complete morphemic model of the common English word is

‘prefix + root + lexical suffix + grammatical suffix’.



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Classification of Morphemes

2. In accordance with the functions within a word:

- **lexical** (the invariant component of all word forms);
- **grammatical** (the variant component in the morphological paradigm of word forms);
- **word-building** (the variant component in the lexicological pattern of word forms).

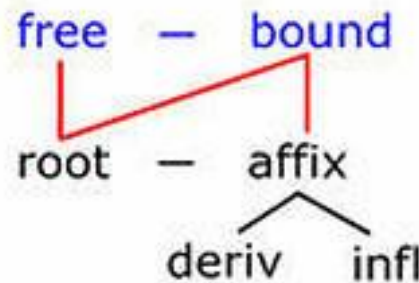
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Classification of Morphemes

3. According to the degree of self dependence:

- free,
- bound
- semi-bound.



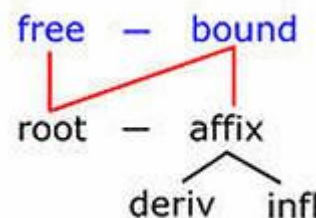
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Classification of Morphemes

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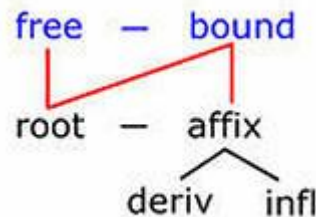
A free morpheme is a one-morpheme word that can function independently (e.g. box, dark). It can form words.



Classification of Morphemes

A bound morpheme functions only as a constituent part of the word. It:

- cannot form the word by itself;
- has no meaning in itself (it acquires its meaning only in combination with the free morpheme).



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Classification of Morphemes

Bound morphemes can be productive.

They are few and homonymous:

-e(s) [z] / [s] / [iz]: the plural of the nouns, the possessive case of nouns, the third person singular present of verbs

-(e)d [d] / [t] / [ɪd]: the past indefinite and past participle of verbs;

-ing: the gerund and present participle

-er, - est: the comparative and superlative degrees of adjectives and adverbs.

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Classification of Morphemes

Semi-bound morphemes can function in the analytical form both as a part of this form and as a free morpheme. They are auxiliary morphemes.

Classification of Morphemes

E.g.: “*will*”

- occurs **as a free morpheme** in the context that makes its identity clear (*He will do it tomorrow - I know he will*)
- occurs **as a bound morpheme** being the immediate constituent of the semantic and functional unit (*He will come*).

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Classification of Morphemes

4. On the basis of formal presentation:
- overt;
 - covert.

Classification of Morphemes

The overt morphemes are expressed explicitly. They build the words.

The covert morpheme is identified as a contrastive absence of the morpheme expressing a certain function, zero morpheme.

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Classification of Morphemes

E.g.:

deer sg (1 overt morpheme + 1 covert morpheme) - *deer pl* (1 overt morpheme + 1 covert morpheme);

boy sg (1 overt morpheme + 1 covert morpheme) - *boys pl* (2 overt morphemes).

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Classification of Morphemes

5. On the basis

of grammatical alternation:

- **additive** (outer grammatical suffixes, opposed to the absence of morphemes in grammatical alteration)

E.g.: look - *ed*, small – *er*

- **replacive** (the root phonemes of grammatical interchange)

E.g.: *men*, *feet*, *stood*, *forgot*-*forgotten*

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Classification of Morphemes

6. On the basis of linear characteristics:

- continuous (linear);
- discontinuous.

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Classification of Morphemes

Continuous morphemes are expressed uninterruptedly.

Discontinuous morphemes can be found in grammatical units which consist of an auxiliary word and a grammatical suffix

E.g.: *be ... ing* - for the continuous forms

have... en - for the perfect forms

be ... en - for the passive forms

Classification of Morphemes

7. According to the function:

- notional,
- functional.

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Classification of Morphemes

Notional morphemes serve as carriers of the material part of the lexical meaning of a word.

Functional morphemes change either the lexical meaning of a word (derivational, or word-building morphemes) or the grammatical meaning (form-building, or inflectional morphemes).

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Classification of Morphemes

NB:

The borderline between the notional and the functional morphemes is not rigid and they can change their status in the course of time:

- *dom*, and *hood* developed from root morphemes;
- the present-day English: the morpheme *man* in such words as *a seaman* and *a policeman*.

Classification of Morphemes

Usually morphemes evolutionize from notional to functional, but the opposite direction is also possible:

- the derivational suffix – *teen* acquires the status of a notional morpheme in *a teenager*, *teen problems*, *teen tunes*, *teen fashion*, etc.

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Thank You!

