

1 The word elements O, A, E, I, AS, IS, OS, US and U are word class endings. They are very important for word building. There are also the endings J and N. They are not important in word building.

2 Particles are already words by themselves: **por**, **mi**, **jam**, **eĉ**, **tiam**, **anstataŭ**, **je**, **jes** and others.

3 Most word elements are **roots**. Each root in itself has a meaning, but a root can't appear by itself as a word. It needs a word class ending.

- 4 Some roots show **people, persons** ie.: AMIK, TAJLOR, INFAN, PATR, SINJOR, VIR...
- 4 Other roots indicate **animals**, ie.: AMIK, TAJLOR, INFAN, PATR, SINJOR, VIR...
- 4 Others are **plants**, ie.: ARB, FLOR, ROZ, HERB, ABI, TRITIK...
- 4 Some roots are **tools**, ie.: KRAJON, BROS, FORK, MAŜIN, PINGL, TELEFON...
- 4 Many roots are names of **actions**, ie.: DIR, FAR, LABOR, MOV, VEN, FRAP, LUD...
- 4 Other roots are names of **characteristics** or **qualities** ie.: BEL, BON, GRAV, RUĜ, VARM, ĜUST, PRET...

5 There are many different groups and categories, not just the ones just mentioned. Some roots are difficult to classify, some have several meanings, others has a very special meaning, but all have some kind of meaning.

6 To use the root correctly with various endings, it's important to understand the root's meaning. The importance of the root's meaning is shown effectively with the classic example of the roots KOMB (comb) and BROS (brush).

7 The two verbs **kombi** (to comb) and **broŝi** (to brush) have very similar meanings. They both show an action, and the two actions are very similar. But if you turn them into nouns, they are suddenly completely different.

8 **kombo** = the act of combing

**broŝo** = tool used for brushing

9 The explanation for this drastic change is the fact that the roots already have meanings. KOMB (comb) is the name of a certain action, while BROS (brush) is the name of a certain implement. Therefore, with O-endings, they represent the names of an action and an implement, respectively — very different things. But with a verb ending, they both have the meaning of an action. In this case, KOMB hardly changes, because it is already an action, by nature. BROS, though, changes, and shows the action that one normally does with a brush.

10 If a noun is desired for the action that one does with a brush, a compound word must be used: **broŝ-ad-o**. Similarly, if you need a word for the tool used for combing, a compound form must also be used: **komb-il-o**.

11 There are many of these root pairs where the meaning of the verb form is similar while the O-form is different. The explanation in every case is that the meaning of the roots is different. Here are some examples: **bat**i — **martel**i, **hak**i — **pioĉ**i, **serv**i — **sklav**i, **kudr**i — **tajlor**i, **reg**i — **reĝ**i, **kaper**i — **pirat**i, **vizit**i — **gast**i. Similarly one can find pairs where the A-form is similar while the O-form is different, e.g.: **elegant**a — **dand**a, **nobl**a — **nobel**a, **lert**a — **majstr**a, **kuraĝ**a — **hero**a, **proksim**a — **najbar**a, **dolĉ**a — **miel**a. Check out the meaning of the corresponding O-form in a dictionary.

12 One can say that there are various basic words which are a departure point for word building. With BROS/ we start with the basic word **broŝo** which is the name of the tool from which we can form the verb **broŝi** (by changing the O to I). However with KOMB/ the basic word is **kombi** (which of course names an action.) From **kombi** we can create a noun denoting an action **kombo** (by replacing the I with O), and the word for the appropriate tool, **kombilo** (by adding the suffix IL and an O-ending.)

13 **Action roots** are often called **verbal roots** or **roots with verbal characteristics**, because we easily see the verb as the underlying form. Therefore action roots normally appear in dictionaries in verbal form.

14 **Roots of quality** are often called **adjectival** or **having adjectival characteristics** because we see the A ending as its basic form. Therefore roots of quality are normally

14 **Roots of quality** are often called **adjectival** or **having adjective characteristics** because we see the A-ending as its basic form. Therefore roots of quality are normally shown as adjectives in dictionaries. Also roots which most often appear with the E-ending are traditionally called adjectival.

15 **Roots neither of quality nor of action** are often called **substantives** or **nounlike**. They are normally shown as nouns in dictionaries.

## O-ending

16 The ending O does not add anything to the meaning of the root. A noun is simply the name of a particular thing.

17 **amiko, tajloro** = names of various people

**krajono, broso** = names of various tools

**diro, faro** = names of various actions

**belo, bono** = names of various qualities.

## A-ending

18 The ending A shows that the word is used to describe something. A = "related to the thing in question, like the thing, etc.:"

19 **amika** = like a friend, relating to a friend..

**ĉevala** = like a horse, relating to a horse.

**dira** = relating to the act of saying, done by saying...

**bela** = having the quality of beauty

20 When the root of an adjective has the meaning of a quality, the adjective normally shows a quality. Those adjectives don't vary much according to context:

21 **bona manĝo** = "food characterized by goodness"

**rapida aŭto** = "car characterized by speed"

okazaĵo **stranga** = "occurrence characterized by strangeness"

**ruĝa domo** = "house having red as a characteristic (as a colour)"

22 When the root of an adjective doesn't have the meaning of a quality, the adjective can be used to show different kinds of descriptions. Generally, the meaning of adjectives of that sort varies greatly with context:

23 **reĝa konduto** = "conduct befitting a king, regal conduct"

**reĝa persono** = "person who is the king, person of a royal family" etc.

**reĝa palaco** = "palace belonging to the king" (royal palace)

24 When the root of an adjective has the meaning of an action, the adjective can have a wide range of meanings. It can mean "related to the action in question", and so forth. Adjectives of that type can also be similar to -ANT- participles or -INT- participles with an A-ending:

25 **nutra problemo** (nutritional problem) = "problem with nutrition" — **Nutra** shows the topic.

**nutra manĝaĵo** = "food which can nourish, which has nutritional characteristics, nourishing food"

**tima homo** = "person who is often fearful, person characterized by fear, person prone to fear"

**tima krio** = "cry of fear"

26 Some of those adjectives, however, have a very specific meaning to describe quality.

27 **fiksi** = "firmly immobilize" (fix, fasten, attach) → **fiksa** = "firmly unmoving, either because it has been attached, or of its own accord"

**falsi** = "to make an unauthentic copy" (counterfeit, falsify) → **falsa** = "untrue, unauthentic, falsified" (counterfeit)

**kaŝi** = "to put or keep out of sight" (hide) → **kaŝa** = "not in sight, either on its own, or because someone has hidden it" (hidden)

**kompliki** = "to complicate" → **komplika** = "disagreeably not simple, either because someone made it complicated, or because it was already so from the beginning" (or "such that it makes something complicated")

**korekti** = "to make free from error" (to correct) → **korekta** = "free from error, either originally or after correction" (or pertaining to the act of correcting")

28 Some of these types of adjectives are similar to the passive participle: **komplika** ≈ **komplikita**. In the simple adjectival form the action of the root is either of no interest, or it didn't occur; only the quality is important. Sometimes the quality exists entirely by itself. The corresponding participle forms always show that this action did occur or is occurring.

29 Many think that some of these adjectives, especially **korekta** should be avoided when used to describe a characteristic. Some even think that this usage is downright wrong. According to them **komplika** should only mean "being complicated" or "relating to complexity", and **korekta**, according to them, should only mean "in the act of correcting" or "related to correction". But some of these adjectives are never criticized, although they are quite similar. However this type of word building has been familiar to

Esperanto since the beginning, and abundant examples exist from Zamenhof to the present. In some cases the ambiguity of these type of adjectives could cause misunderstanding, and at that time one should reword the sentence, but this is also the case for any word with several meanings. The roots of these adjectives are action roots, but because the meaning is one of quality one might think that the roots are qualitative. In that case there is the risk of erroneously adding and IG-suffix to the simple verb forms using **kaŝigi** instead of **kaŝi**, **komplikigi** instead of **kompliki**, **korektigi** instead of **korekti**, etc. These IG-forms do however have another very specific meaning: **kaŝigi** = "to make someone hide something", **vekigi** = get someone to wake somebody", **komplikigi** = "to cause somebody to complicate something" etc. One should also not think that the simple verb forms have the meaning of "being so". **Korekti** does not mean "to be error free", but "to make error free". **Kompliki** doesn't mean "to be unnecessarily complicated", but "to make unnecessarily complicated".

## E-ending

30 Word creation by using the E-ending is very similar to the use of the A-ending. E = "relating to the matter, in that way" etc.:

31 **tajlore** = in the way of a tailor, relating to a tailor

**krajone** = in the way of a pencil, similar to a pencil, with a pencil (by means of)

**labore** = relating to work, through labour.

**blanke** = in the manner of the white colour.

**veturi rapide** = "drive with high speed"

**strange granda** = "big in a strange manner"

**ruĝe farbita** = "painted red"

**reĝe konduti** = "to conduct oneself in the manner of a king"

**reĝe riĉa** = "as rich as a king, rich in a regal manner"

**loĝi urbe** = "to live in a city"

**okazi tage** = "occur in the day"

**konduti time** = "behaving with fear, characterized by fear, showing fear, fearing"

## Verb endings

32 I = "to perform a certain action (or be in a certain state) which closely relates to the meaning of the root". (The ending I here represents all verbal endings: I,AS,IS,OS,US and U.)

33 An action root with a verb ending always has its own particular meaning:

34 KUR → **kuri** = to perform the action of running

KONSTRU → **konstrui** = perform the action of "construction"

35 Verbs made from a non-action root shows an action which somehow is close to the meaning of the root. Sometimes it is quite obvious what this action is, but sometimes one might hesitate. With many non-action roots tradition has already determined the meaning resulting from the addition of the verbal ending, but some roots are not being used in a verbal form and it has not been decided what meaning they would have as a verb.

36 If a root in itself shows **quality** or **state**, the resulting verb normally means "to be like that" or "to act with that quality":

37 RAPID → **rapidi** = to act quickly

AKTIV → **aktivi** = to act actively, to be active

38 Normally that type of verb does not mean "become such" or "cause such". With qualitative or stative roots one uses the suffixes **IG** and **IG** to come up with that meaning.

39 If the root shows a **tool, or appliance** or something similar, the verb normally means "to use that tool in its customary purpose":

40 BROS → **broši** = to use a brush (for its designated purpose)

AŮT → **aŮti** = to go by car

41 If the root shows a **substance**, the verb normally means "to provide that substance":

42 AKV → **akvi** = to provide with water, to pour water (on something)

OR → **ori** = to cover with gold

43 With these types of words the suffix **UM** is sometimes used unnecessarily.

44 If the root shows a **person, a human being**, the root normally means "to act like that person", "to play the part of that person":

45 TAJLOR → **tajlori** = to work as a tailor, to sew like a tailor

GAST → **gasti** = to be a guest (at someone's house), to live as a guest

46 **Roots designating animals** and various **phenomena related roots** in their verb form take on the meaning "to act like this animal or phenomenon":

47 HUND → **hundi** = to act like a dog, to live like a dog

SERPENT → **serpenti** = to go like a snake

OND → **ondi** = to make wavelike motions

48 Many **roots of various types** receive a verbal meaning, which can only be explained by the most general rule that their verbal meaning is somehow closely related to the meaning of the root.

49 FIŠ → **fiši** = to try and catch fish, to fish

POŠT → **pošti** = to mail (ie. a letter) at the post office

ORIENT → **orienti** = to decide on or to fix a position (of something) in relation the the east

## Specifying preceding elements

50 One often combines roots (and particles) to create compound words. The most common type of compound word we call here a **combination**. Such a words consists of two parts: a **main element** which gives the general meaning of the word, and the **specifying preceding element**, which particularizes the general meaning.

51 Out of the main element ŠIP we can make, for example, the following combinations (always with a "neutral" O-ending):

52 **vaporšipo** = type of ship, namely the type which is propelled by steam. [steamship]

**balenšipo** = type of ship especially constructed for hunting whales.

**aeršipo** =type of ship which goes in the air instead of on water. [airship]

53 The basic meaning of these combinations is always "ship". With various preceding elements we can distinguish different types of ships. The preceding elements are quite diverse. VAPOR shows the manner in which this type of ship is propelled, BALEN shows the end use of this type of ship, while AER shows location where it is used.

54 More often than not the preceding element distinguishes different species. Sometimes, however, it is not a question of species or type but of part of the main element,ie.: **antaūbrako** (forearm)= "that part of the arm which is closest to the front of the body"; **Orient-Eüropo** (Eastern Europe) = "the eastern part of Europe."

55 A combination behaves just like a single root. It can take any kind of ending: **vaporšipo**, **vaporšipa**, **vaporšipe**, **vaporšipi**; **rondiro**, **rondira**, **rondire**, **rondiri**; **piedirop**, **piedira**, **piedire**, **piediri**; **helružo**, **helruğa**, **helruže**, **helruği**.

56 New combinations can be made out of the combinations themselves:

57 **vaporŝipasocio** = "association concerned with steamships." The main element is the root ASOCI. The specifying preceding element is the combination VAPORŜIP.

**vaporŝipasocio** = "member of a steamship association." The main element is the root AN. The preceding element is the combination VAPORŜIPASOCI.

**ŝarĝvaporŝipo** = "steamship used to transport cargo". The main element is the combination VAPORŜIP. The preceding element is the root ŜARĜ.

58 Combinations of several roots can theoretically result in multiple meanings. There is no grammar rule which makes it clear that **ŝarĝvaporŝipo** is a **ŝarĝ-vaporŝipo** (a steamship for cargo) and not a **ŝarĝvapor-ŝipo** ("a ship which somehow relates to cargosteam, which is nonsense.) Through your own analysis you have to decide which of the theoretical possibilities is the correct one. Confusion on this point is rare in practice. In writing one can use a hyphen for clarity, as in **ŝarĝ-vaporŝipo**. Generally, combinations with more than three or four roots can be too difficult. Instead of **vaporŝipasocimembrokunvenejo** you might preferably say **kunvenejo por membroj de vaporŝipasocio**.

## Interlinking endings

59 After a specifying preceding element you can put a linking O-ending to facilitate pronunciation or understanding of the combination: **puŝoŝipo**, **aeroŝipo**, **sangoruĝo** etc.

60 One does not use a linking element in those combinations where a preceding element most naturally becomes an adjective when separating the combination, ie. **dikfingro** (thumb) = "type of finger which usually is thicker dika than the other fingers." It is hardly possible to explain the meaning in a natural manner using the word **diko**. Therefore we don't say **dikofingro**, nor **dikafingro**, but when needed **dika fingro**. The same thing occurs with action words where the specifying preceding element shows a quality which results from the action: **ruĝfarbi** → **farbi ruĝa**, **farbi tiel ke io fariĝas ruĝa**; **plenŝtopi** → **ŝtopi plena**. In these combinations also one does not use a linking element. Also in combinations of action where the preceding element shows the manner of the action, one usually does not use the linking element, but instead separates the combination when necessary: **laŭtlegi** → **legi laŭte**.

61 Forms like **nigra-blanka** are not combinations, but **two separate words written together to give a special nuance** .

62 If the preceding element is a particle (a word which does not take an ending) one normally does not use a linking element. As required one may, however, use a linking E-ending: **postsigno** → **postesigno**(makes pronunciation easier), **postulo** → **posteulo**(makes comprehension easier). This however happens very rarely.

63 A preceding element consisting of a particle can have endings other than E, but only when that adds necessary meaning: **unuaeco** [uniqueness] = "the quality is unique" (**unueco** [unity] = "the quality is like one"), **antaŭeniri** = "to go forward" (**antaŭiri** = "to go before something"). The link EN (E+N) is used sometimes also used with preceding elements from roots: **supreniro**, **ĉieleniro** (or **ĉieliro**), **hejmenvojaĝo** (or **hejmvojaĝo**).

64 E as a linking ending occurs sometimes when the preceding element is the root MULT:**multe-nombro**.

65 In combinations made up of an action root plus POV, VOL, or DEV, one normally uses "I" as a linking ending: **pagipova**, **vivivola**, **pagideva**. It is better to explain these forms as **phrase words**. One can also use O in those words: **pagopova**, **vivovola**, **pagodeva**. Then they are combinations, but O en these types of words is not as customary. In principle one could also use them without any linking element at all: **pagpova**, **vivvola**, **pagdeva**, but those forms are hardly used in practice.

66 **If the main element is a suffix, or if the preceding element is a prefix, then one does not use the linking ending** .

67 In another type of compound, the **phraseword**, one uses a linking element (interfix) according to other rules.

## Particles in combinations

68 Some particles are often used with endings. These combinations can also take a specifying preceding element

68 Some particles are often used with endings. These combinations can also take a specifying preceding element.

69

**mil** → **milo** → **jarmilo** - thousand → one thousand → millenium

= literally "a thousand of years". In English we have this construction only in the plural "thousands of years". A synonym is **miljaro**)

**jes** → **jeso** → **kapjeso** - yes → affirmative → an affirmative nod

=approval using the head (nod of the head)

## Explanatory combinations

70 Often the meaning of a combination can be explained by a preposition:

71

**aerŝipo** = "ship **for** the air"

**lignotablo** = "table **out of** wood"

**skribtablo** = "table **for** writing"

**pediro** = "going **by** feet"

72 But not all combinations can be explained like that. Some need a more complicated explanation:

73

< **vaporŝipo** = "ship propelled by steam" ("ship of/by ...steam" doesn't make sense).

**dikfingro** = "digit of the type which is normally thicker than the other fingers" ("finger of thickness" is nonsense).

**sovaĝbesto** = "that type of animal characterized by its wildness" ("animal of wildness" makes no sense).

74 Many unexpressed ideas can be hidden in a compound word. The compound consists of a combination of a main element, which gives the basic meaning, and a preceding element which shows some type of characterization, but the combination is not the full definition of the meaning. In effect, the meaning of a combination depends not only on the meaning of its parts, but also on the tradition of the language.

75 One often hesitates, for example, between **lada skatolo** and **ladskatolo**, **sovaĝa besto** and **sovaĝbesto**, **dikfingro** and **dika fingro**. Often it is possible to use either form regardless, but there is nevertheless an essential difference between a combination and the two word expression with adjective and noun. When using a combination you are creating a word for a special idea, for a certain type of thing. You are showing some idea which for some reason is regarded as different and in need of a separate word. On the other hand, when a noun is used with an epithet we are showing only an occasional or fortuitous characteristic.

76

**Lada skatolo** is a can of any or every type. This can "by chance" somehow relates to tin. How it relates to tin can only be shown through the context. Perhaps it is made out of tin, maybe it contains tin, etc. **Lada skatolo** however is a certain type of can. The precise meaning of **lada skatolo** has been decided by the tradition of the

made out of tin, maybe it contains tin etc. **Lada skatolo** however is a certain type of can. The precise meaning of **ladskatolo** has been decided by the tradition of the language: "hermetically sealed can of tin, in which food or drink is preserved."

**Sovaĝa besto** is (one) animal which "happens to be" wild. Whether this is its normal state is not known. **Sovaĝbesto** is a certain species of animal characterized by wildness i.e. an animal not usually domesticated.

**Dikfingro** [lit. "thick finger" =thumb] is a type of digit so named because it is normally thicker than the other digits. **Dika fingro** is any one of the digits (thumb, index finger, middle finger, ring finger or pinky) which happen to be thick. An individual thumb may be thick or thin, but it's still called "dikfingro".

77 So a specifying preceding element shows the characteristics of the species or type, not of the individual. An epithet usually describes the individual but may also describe the species depending on context. Therefore one can also use epithets to name species. One can say **dika fingro** instead of **dikfingro**. One can say **vapora ŝipo** instead of **vaporŝipo**. It is possible to say **sovaĝa besto** instead of **sovaĝbesto**. But it doesn't work the other way around because not every **dika fingro** is a **dikfingro**, not every **vapora ŝipo** is a **vaporŝipo**, and not every **sovaĝa besto** is a **sovaĝbesto**.

78 There is often the misunderstanding that one cannot make a compound in which the preceding element is a root of characteristic. In fact, such words are constantly being formed, for example: **altlernejo**, **altforno**, **dikfingro**, **sekvinberoj**, **solinfano**, **sovaĝbesto**, **sanktoleo**, and many others. They are all correct. But one cannot simply shove together a noun with an adjectival epithet if one does not intend to create a more specialized meaning. Don't say **belfloro** if you simply mean **bela floro**.

79 Many think that one cannot create combinations whose main element shows action while the preceding element shows an object of that action, for example: **leterskribi**, **voĉdoni**, **domkonstrui**. This however is not correct. In these combinations the preceding element is not an ordinary object, but shows a characteristic of a type of action. These types of combinations differ significantly from the two word combinations **skribi leterojn**, **doni voĉojn** etc. In **skribi leterojn** the grammatical object shows a concrete object which results from writing, while in **leterskribi** **LETER** only characterizes the type of writing. The meaning of some similar verbs have a nuance of attempt: **fiŝkapti** = "to try and catch fish". Those type of verbs can be explained as **frazetvortojn**. (short phrases condensed into a word)

## Making a short phrase into a word

80 A phrase (any group of words belonging together) can be shoved together into a compound by addition of some following element. The result is a **frazetvorto** (phrase-word). From the original phrase only the most important words are retained. Endings and other less important elements are usually dropped off. For ease of pronunciation or comprehension one may however preserve the word class ending of the original phrase, but J-endings and N-endings are not kept.

81 **sur tablo** → [**sur tablo**]-A → **surtabla** - on a table → located on the table

**inter (la) nacioj** → [**inter nacioj**]-A → **internacia** - between (among)the nations →international

**dum unu tago** → [**unu tago**]-A → **unutaga** - during one day → ephemeral

**en la unua tago** → [**unua tago**]-A → **unuataga** - in the first day → first-day

**sur tiu flanko** → [**tiu flanko**]-E → **tiuflanke** - on that side →tiuflanke

**sur tiu ĉi flanko** → [**ĉi flanko**]-E → **ĉi-flanke** - on this side →ĉi-flanke

**en tiu maniero** → [**tiu maniero**]-E → **tiumaniere** - in that manner → tiumaniere

en tiu ĉi maniero → [ĉi maniero]-E → ĉi-maniere - in this manner → ĉi-maniere

Li staris **tutan horon** apud la fenestro. → Li staris **tuthore** [tutahore] apud la fenestro. - He stood a whole hour by the window. → He stood for an entire hour by the window.

povas pagi → pagi povas → [pagi povas]-A → pagipova - can pay → having the ability to pay  
=such that one is able to pay

82 When a short phrase is expressed using a verb ending or an O-ending, the ending represents a sort of hidden idea. The meaning of the ending must be learned separately for every word of that type:

83 **per laboro** → [per laboro]-(akiri)-I → **perlabori** - by means of work → perlabori

=to acquire through work (to earn). The verbal ending represents the hidden idea of "acquisition". **Perlabori** is in no way related to the verb **labori**, but comes from the phrase **per laboro**(by means of work). In **labori** the meaning of the action is simply LABOR. In **perlabori** the action is "aquisition".

**fiŝojn kapti** → [fiŝojn kapti]-(provi)-I → **fiŝkapti** - to catch fish →

=to try to catch fish, to fish

**tri anguloj** → [tri anguloj]-(figuro)-O → **triangulo** - three angles →triangle

=figure with three angles

**sub tegmento** → [sub tegmento]-(ĉambro/loko)-O → **subtegmento** - under a roof →attic

=room or place under the roof (not **subtegmentejo**, because what comes before the suffix **Ej**, must show something that is found or occurs in the place)

**per fortoj** → [per fortoj]-(trudo)-O → **perforto** - through strength, force → violence

=imposing one's own will through force

**unu tago kaj unu nokto** → [unu tago (kaj) unu nokto]-(periodo)-O → **tagnokto** - one day and one night →diurnal

=a 24-hour period, diurnal

**la pli multaj** → [pli multaj]-(grupo)-O → **plimulto** - the most →majority

=a group which is more numerous (than another)

**mil jaroj** → [mil jaroj]-(periodo)-O → **miljaro** - thousand years → millenium

= a period of a thousand years. The combination **jarmilo** and the phrase word **miljaro** have exactly the same meaning. Both are correct but they constructed on two different principals. However combinations are generally more common and more basic, and therefore in the end the combination **jarmilo** has become more popular.

84 The phrases put into a word are also used as prefix elements of combinations. The main element is usually a suffix:

85

**la sama ideo** → [sama ideo]-AN-O → **samideano** - the same idea → fellow-thinker

= type of membership or belonging to those with the same idea

**altaj montoj** → [altaj montoj]-AR-O → **altmontaro** - high mountains → high mountain range

=range of high mountains

**sub (la) maro** → [sub maro]-ŜIP-O → **submarŝipo** - under (the)ocean → submarine

= a ship which can go under the surface of the ocean

**en liton** → [en liton]-IG-I → **enlitigi** - into bed → to put to bed

"to cause into bed", place into bed

- 86 A more extreme and rarer form of compounding is making a word from a quote. In this type of word building which is similar to making a word from a phrase, a word is made from an entire statement (real or imagined). In those cases the whole words of the citation are retained, inclusive of their endings: "Vivu!" → [vivu]-(krii)-I → **vivui**= to shout "vivu!", to greet someone with the cry "vivu!". Note that the U-ending stays. Ordinary words can't have two word class endings one after the other. But **vivui** is not an ordinary word. It is a quotation made into a word and the U-ending is absolutely necessary to the meaning. "Ne forgesu min!" → [ne forgesu min]-(floro)-O → **neforgesumino**= Forget-me-not, a flower of the genus Myosotis (la name comes from the blue color of the flour which is a symbol of fidelity in love)

## Affixes

- 87 A small group of roots (around 40) are called **affixes**. They are roots that are used mainly in compound or constructed words. Some of them are **suffixes** – affixes used at the end of a word, appearing after other roots. Others are **prefixes** – affixes coming at the beginning of a word, before other roots.
- 88 Mainly, tradition has decided which roots are considered affixes. However, one could say that **an affix is a root for which special word building rules are valid**. Some of the traditional affixes, by this definition, are ordinary roots. In the preceding explanations of ordinary word building there were some examples with roots which are traditionally called affixes.
- 89 The majority of suffixes function as the main element of a combination. What stands before the suffix is a specifying prefix. But for the majority of suffixes there is a special rule which limits the possible relationship between the main element and the prefix. For ordinary roots there are no such limits.
- 90 The suffixes AĈ, ĈJ, EG, ET, IN, NJ and UM do not at all behave that way. Word created with this suffixes are neither combinations nor phrasewords. These suffixes therefore are true affixes.
- 91 The majority of prefixes function as a specifying preceding element of a combination. That which stands after the prefix is the main element, whose meaning becomes more specific through the prefix. But usually there is a special rule which limits the possible relationships between the prefix and the main element.
- 92 However the prefixes GE and MAL do not behave in that way. GE and MAL change the meaning of the following element so radically that it can not be explained as an ordinary combination (nor as a word phrase). Therefore GE and MAL are true affixes.
- 93 In principle one can also use any affixial morpheme as an ordinary root. Some affixes are even quite commonly used that way. Others, ĈJ and NJ for example, are rarely used as ordinary roots. Some examples of that usage appears in the following explanations about various affixes.
- 94 With affixes one normally does not use a linking ending such as in **dormoĉambro**. For example, we do not say **ekokuri**, **eksosekretario**, **ŝipoestro**. A linking element is used with affixes only when it is more or less necessary to the meaning or for comprehension, as in **unuaeco**, **antaŭenigi**, **posteulo**.

95 The participial suffixes ANT, INT, ONT, AT, IT kaj OT behave in a particular way.

96 Some roots, which are ordinarily not classified as affixes, behave nonetheless in a matter similar to prefixes or suffixes. These may be referred to as **affix-type elements**.

# AĈ

1 AĈ = "bad quality, uselessness, without value".

2 **domo** → **domaĉo** = badly constructed house that's falling apart; a hovel

**ĉevalo** → **ĉevalaĉo** = bad, worthless horse, nag, hack

**babili** → **babilaĉi** = chatter stupidly, maliciously, prattle

**aĉa** = of bad quality, useless, worthless

# AD

3 AD = "continuing action".

4 **uzo** = a (single) use → **uzado** = continuous, repetitive, or regular use

**viziti** = to visit → **vizitadi** = to visit often or regularly

**konstruo** = the act of constructing, the manner of construction, something built → **konstruado** = the act of constructing continuously

**martelo** = a hammer → **marteli** = to hammer → **martelado** = continuous hammering

**reĝo** = king → **reĝi** = to reign as a king → **reĝado** = the act of reigning (for a certain period of time)

5 If you want to show that something is an action, but don't want to add the sense of continuing action given by AD, you must use another action root without a meaning involving duration, or express yourself in another way entirely: **martelado** = (continuous) hammering → **martelbato** = hammer strike (a single strike of a hammer); **brosado** = (continuous) brushing → **brostiro** = brush stroke (a single stroke of a brush).

# AĴ

6 AĴ = "(concrete) thing".

7 **bela** → **belaĵo** = a (concrete) thing that is especially beautiful, a physical embodiment of beauty

utila → **utilaĵo** = a (concrete) thing that is useful

dolĉa → **dolĉaĵo** = a sweet (candy etc)

nova → **novaĵo** = something that has just come out, just occurred, news, news item

fari → **faraĵo** = something that has been made, is being made, or will be made

desegni = to draw → **desegnaĵo** = a drawing, a picture that was drawn

kreski → **kreskaĵo** = something that grows, a plant

kovri → **kovraĵo** = a cover, something used to cover things

amuzi → **amuzaĵo** = something used to amuse oneself, a fun thing

havi → **havaĵo** = a possession, something that is had

trinki = to drink → **trinkaĵo** = a drink; something that people drink

konstruo = the action of building, a way of building, something built → **konstruaĵo** = something built (usually a building)

ligno → **lignaĵo** = something made of wood

araneo → **aranaĵo** = a spider's web

azeno → **azenaĵo** = a donkey-like (=stupid) thing

ĉirkaŭ → **ĉirkaŭaĵo** = space/location/region around something

post → **postaĵo** = a bottom, behind, buttocks

sen senco → **sensencaĵo** = a thing that lacks sense, something that is nonsense

kokido → **kokidaĵo** = food made of chicken, chicken meat

ovo → **ovaĵo** = a food made from eggs

glacio → **glaciaĵo** = a sweet made from frozen cream

aĵo = a concrete thing (of undefined type)

8 A **participle suffix** can sometimes be included for additional precision: **draŝataĵo** (grain that is currently being threshed), **draŝitaĵo** (grain that has already been threshed), **draŝotaĵo** (grain that someone intends to thresh later), **brulantaĵo** (something that is currently burning), **brulintaĵo** (something that has burned but already stopped burning). However, in most circumstances a simple Aĵ word is totally enough.

# AN

9 AN = "a member of a group, an inhabitant of a place, a believer in a doctrine, a person who belongs to a place", and so forth.

10 klubo → klubano = a member of a club

Eŭropo → Eŭropano = an inhabitant of Europe, a European

Indonezio → Indoneziano = an inhabitant of Indonesia, an Indonesian

vilaĝo → vilaĝano = a villager, an inhabitant of a village

Islamo → Islamano = a believer in Islam, a Muslim

respubliko → respublikano = a supporter of the idea that a state should be a republic, a member of a party that calls itself Republican

ŝipo → ŝipano = a person who serves on a ship

estraro → estrarano = a member of a board

sama lando → samlandano = an inhabitant of the same country

ano = a member of a society, party, family, religious organization, etc; aniĝi = to become a member, to join a group

# AR

11 AR = "a whole group or a collection of many things of the same type".

12 homo → homaro = all people in the world, the whole human race

birdo → birdaro = all birds in the world or in one region

gazeto → gazetaro = all newspapers and magazines in one region, the press

verko → verkaro = all works of one author

estro → estraro = an elected group of leaders of one organization, a board

arbo → arbaro = a place with many trees growing together, a forest or wood

haro → hararo = all of the hairs on someone's head, a head of hair

Ŝafo → ŝafaro = all sheep of one owner or in one place

meblo → meblaro = all furniture of one room/apartment/house

altaj montoj → altmontaro = a range or chain of high mountains

vorto → vortaro = a book with a list of words and explanations of them, a dictionary

horo → horaro = a table of hours, in which something special is happening, a timetable

ŝtupeto → ŝtupetaro = a tool for climbing, constructed from two posts and many steps (= a ladder)

vagono → vagonaro = a succession of wagons joined together, pulled by a locomotive (= train)

aro = a group, collection, herd, etc.

## Ĉj

13 Ĉj is used to make informal nicknames for men. A shortened form of the name is used before Ĉj. Normally between 1 and 5 letters of the name are retained:

14 Johano (John) → Johanĉjo or Joĉjo (Joe)

Vilhelmo (William) → Vilhelĉjo or Vilheĉjo or Vilĉjo or Viĉjo (Bill or Will)

papago (parrot) → Papĉjo (a nickname for a male parrot)

Patro (Father) → Paĉjo (Dad)

Onklo (Uncle) → Oĉjo

Frato (Brother) → Fraĉjo (Bro)

15 Ĉj, like [Nj](#), is a bit of an unusual suffix, in that it doesn't end in a vowel, and because you can shorten the root preceding it. In some cases, it is possible to add the suffix [Ul](#) first, if that helps create a form that sounds better: [Petro](#) → [Petrulo](#) → [Petruĉjo](#), etc. However that is not traditional, nor is it, perhaps, completely logical, but when nicknames are concerned, neither tradition, nor logic, nor rigorous logic are very important. Nicknames can be created completely according to individual preference (for example by borrowing from other languages).

16 EBL= "can be done, possible, -able". EBL can only be used with transitive verbs:

17 **manĝi** → **manĝebla** = such that it can be eaten, edible

**nombri** → **nombrebla** = such that it can be numbered, countable

**malhavi** → **malhavebla** = such that it can be lacking; unnecessary → **nemalhavebla** = such that it cannot be lacking, indispensable

**kompreni** → **komprenoble** = such that anyone can understand; self-evident, self-explanatory (often used as a shortened version of **memkomprenoble**, of course)

**espero** → **esperebla** = such that something can be hoped for, hopefully

**supozi** → **supozebla** = such that something can be supposed, supposedly

**eble** = "can be"; **eblo** = something that is possible, a possibility; **ebleco** = a quality of something that is possible

18 EBL (as well as IND and END) is occasionally used after a verb that is normally intransitive, but which is able to take an object:

19 **iri** → **irebla** = such that one can go or travel by it (= go on it or along it)

**loĝi** → **loĝebla** = such that it can be inhabited, such that one can live in it

20 Normally we say **iri sur/laŭ vojo** (to go on/along a path) and **loĝi en domo** (to live in a house), but the expressions **iri vojon** and **loĝi domon** are also correct, though very rare.

## EC

21 EC = "quality or state (or someone or something)". EC always shows something abstract (a quality or a state).

22 **bono** = the abstract idea of good → **boneco** = goodness as a quality of something or someone

- **Vi estos kiel Dio, vi scios bonon kaj malbonon.** - You will be like God, you will know good and bad.
- **Ili admiris la bonecon de lia ago.** - They admired the goodness of his action.

**ruĝo** = the color red → **ruĝeco** = the state of being red

- **Ŝiaj blankaj vangoj estis kolorigitaj de freŝa ruĝo.** - Her white cheeks were colored by fresh red.
- **La ruĝeco de ŝiaj vangoj malkaŝis ŝiajn sentojn.** - The redness of her cheeks revealed her feelings.

**longo** = horizontal dimension (every concrete object has a length) → **longeco** = the quality of being long, having much length

- **Ni mezuris la longon de ĝiaj kruroj, kaj trovis, ke ili estas tre mallongaj.** - We measured the length of its legs, and found that they were very short.

- La **longeco** de ĝiaj kruroj tre surprizis nin. - The length of its legs surprised us very much.

The legs were surprisingly long.

**rapido** = a measurement of distance travelled in a certain time (every moving thing has some speed) → **rapideco** = a quality of something that is going (very) quickly

- La **rapido** de la aŭto estis nur 20 kilometroj en horo. - The speed of the car was only 20 kilometres per hour.
- La aviadilo pasis kun fulma **rapideco**. - The airplane passed with lightning speed.

**homo** → **homeco** = a natural quality of a human being

**granda animo** → **grandanimeco** = the quality of having a large (= noble) mind)

**korekto** → **korekteco** = the quality of being correct, without error

**unu** → **unueco** = the quality of being like one, oneness

**unua** → **unuaeco** = the quality of being the first

**estonta** → **estonteco** = future time, future tense. forms like **estonto** normally would show a person, like all **participles with an O-ending**, but sometimes **estonto** is used as an abbreviated form of **estonteco**.

**pasinta** → **pasinteco** = past time, past tense

**infano** → **infaneco** = the quality of being a child, childhood, being child-like

**eco** = an attribute or quality

23 EC is occasionally used illogically because of influence from national language: **Bedaŭrinde mi ne havas la eblecon tion ĉi fari.** (Unfortunately, I don't have the **possibility** to do this). In fact, the sentence isn't talking about a quality, but about a **eblo** (possibility) (or even **eblaĵo**). It is preferable to say, as Zamenhof did: **Bedaŭrinde mi ne havas la eblon tion ĉi fari.** (When hesitating between **eblo** and **ebleco**, the form **eblo** should be chosen, because it is a form that summarizes both **ebleco** and **eblaĵo**, so **eblo** could hardly ever be an incorrect choice.)

24 EC can also be used with an A-ending or an E-ending (or a verb ending). These forms normally have the meaning "similar, in a similar way, looking the same as, in the same way as":

25 **ligneca papero** = paper looking partially like wood

**Ni havas amikecajn rilatojn kun ili. = Ni rilatas kvazaŭ ni estus amikoj.** - We have friendly relationships with them = We relate as if we were friends.

26 In some cases, for clarity, compound words like **ŝajna**, **simila**, **maniera** or **stila** may be used. Sometimes forms with **...eca** mean "relating to that quality, about the quality in question": **patreca testo** = a test to determine paternity, a test to find out, if someone is the father

# EG

27 EG= "high(est) grade, great(est) type".

28

**domo** → **domego** = (very) large house, mansion

**varma** → **varmega** = burning hot, very hot

**bone** → **bonege** = very well, excellent

**krii** → **kriegi** = to cry out (very) loudly

**ŝati** → **ŝategi** = to like very much

**dankon!** → **dankegon!** = thanks so much!

**tre** → **treege** = very very

**pordo** → **pordego** = a main door of a building, the main gate of a city, farm, courtyard, etc.

**granda** → **grandega** = extraordinarily large

**piedo** → **piedego** = a large, fat, disagreeable, or dangerous foot of a person or an animal

**manĝi** → **manĝegi** = to avidly or excessively eat, to devour

**ege** = very strongly, very intensely, extremely

# EJ

29 EJ= "a place, space, house, room etc. intended for something". The root standing before EJ always expresses what happens or what is found in the place.

30

**lerni** → **lernejo** = a place intended for learning

**dormi** → **dormejo** = room for sleeping

**eliri** (to exit, to go out) → **elirejo** = a place (normally a door) through which one can leave, or exit or go out.

**redakti** (to edit) → **redaktejo** = place where one edits (example, a journal or magazine).

**akcepti** (to accept) → **akceptejo** = place where one is accepted (in a hotel or a conference etc), a lobby.

**necesa** → **necesejo** = place for performing certain actions which one would prefer not to name directly (namely urination and defecation)

**preĝi** → **preĝejo** = place of worship and other religious activities. The word **preĝejo** is traditionally used primarily for a Christian church, while special words are preferred for houses of worship of other religions: **moskeo**, **sinagogo**, **templo** etc. But **preĝejo** can certainly be used for every kind of religion. For a Christian church there is also a special word **kirko** (rarely used). The simplest way of specifying is to use terms like: **Kristana preĝejo**, **Islama preĝejo**, **Hinduismo preĝejo** etc.

**ĉevalo** → **ĉevalejo** = stable

**mallibero** → **malliberejo** = prison

**libro** (book) → **librejo** → = book store, (a collection of books, or a library is **biblioteko**)

**rizo** (rice) → **rizejo** = place (fields), where one cultivates rice.

**herbo** (grass) → **herbejo** = place, where mainly grass grows, not trees, etc., meadow

**tajloro** (taylor) → **tajlorejo** = place where a taylor works

**ministro** ministry → **ministrejo** = location (house, office) of the ministry.

**malsanulo** (sick person) → **malsanulejo** = Place where one nurses and cures sick people, a hospital.

**TTT** (WWW) (la Tut-Tera Teksaĵo pronounced "toe-toe-toe") → **TTT-ejo** (pronounced toe-toe-toe-eh-yo) = web server, a website, web page, a place where web content can be found.

**ejo** = place (for a defined purpose)

31 When talking about a factory or something similar we prefer to use a more unambiguous compound: **tabakfarejo** = "place where cigarettes and other tobacco products are produced", **ŝtalejo** aŭ **ŝtalfabriko** = "steel plant," **gisejo** aŭ **gisfabriko** = "foundry"

## EM

32 EM= "an inclination to something".

33 An EM-word usually indicates that something, due to its nature, often or continuously tends to that action:

34 **timi** → **timema** = inclined to be fearful, often fearing

**manĝi** → **manĝema** = inclined to eat often or copiously.

**kompreni** → **komprenema** = such that one always wants to understand

**venĝi** → **venĝema** = vengeful