

The New Personal International Language

Esata

by
PAFU

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1. Introduction to Esata

These pages describe the language Esata so that anyone interested can examine this newly proposed language. Esata is a 'bare bones' version of the English language, which has also been internationalized to a high degree. In the target language, Esata is a 'phrase word' meaning 'know (how to) speak.'

In Esata a compromise is being sought between the now globally dominant English, and the rest of the world's major languages. Many people have studied English and can speak it well, but millions of others who do not have the educational background are also speaking it, badly. Less competent speakers of English represent an ever increasing group. Eventually, we can expect that the numbers of those who speak some Creole or corrupted version of English will predominate over those who speak it correctly. In this context Esata is proposed as basis for a new standard international creole English. Esata thus represents an attempt to gain control over the 'vulgar' form of the English language, and influence its future development.

It is naive to think that the world will continue to move toward linguistic unity using English in its present form. Classical Greek and Latin were also dominant on a vast scale, but both lost out to vulgar dialects, that the common, poorly educated people could speak. The central issue is ease of learning. Simplified, internationalized versions of the English language may be able to support large user bases, and so have chances of being accepted as de facto international auxiliary languages.

It is also quite unfair to adopt any existing natural language as a world standard - other language groups should never accept such a degree of linguistic and cultural dominance. Esata should be able to overcome such cultural rejection, as it is sufficiently distant from English that it has more the appearance of an international auxiliary language.

Esperanto is the most significant constructed language which has been produced to date. In over a century however, it has failed to acquire the critical mass necessary to make it an instrument of real practical value. Experience with Esperanto has proved however, that an artificial language can effectively overcome the problems of communication between different language groups.

In this same period English has emerged as the de facto international language. English will continue to grow in importance as an international language, but it also has serious problems: it is relatively difficult to learn, and contains many irregularities, especially in orthography and pronunciation. Esata attempts to remedy these problems: it is regular, and much simpler, so easier to learn. Esata also has lots of vocabulary and some grammatical elements from non English languages, so it has a more international flavor.

Many attempts have been made to rationalize English, in order to make learning it less onerous. Once the door has been opened to reworking the language significantly, why not use the occasion to make it more international? We should include lots (ideally, at least half) of the vocabulary from non English sources. A simplified and internationalized version of the language might be received enthusiastically, especially if it is close enough in look and sound so that learning it greatly facilitates the task of learning formal English.

An international language should recognize the predominance of the English language, but it should also provide scope for the other major languages of the world to be present to a significant degree. Most auxiliary languages based on English assign only token importance to other languages, but Esata allows all the major languages to continue to exist and thrive within an overall structure.

In any case, the author proposes Esata as an international 'personal language', rather than as a world auxiliary language. There are already many serious proposals for auxiliary languages, and some of them have significant backing. To enter into this arena would be both presumptuous and foolhardy, and would only serve to draw the hostility of the established players. Instead, Esata is offered as a simplification of English for those who need practical fluency without having to study more than necessary. It is also recommended for English speakers who want to acquire a second language, for personal use. Esata would be an ideal basis for teenagers' slang, for example. Every generation needs to find its own language, like it finds its own music.

In its current form this language description shows how vocabulary is imported, reviews the grammar, gives some example conversations, and Esata/English glossary of several thousand entries. In a future edition the author intends to amplify and improve this language description and double the size of the vocabulary. The present description should be adequate however, to allow anyone interested in the language to begin using it.

There are several features of Esata that should interest researchers in the area of artificial and constructed languages. It is regular and very compact, with text lengths much shorter than those of English. A novel feature is use of 'phrase words,' abbreviated forms allowing definition of new vocabulary and concepts, from English, all the other major languages, and for technical and special interest vocabulary. Esata also contains an (optional) new alphabet, which represents up to 4 normal letters in a compact yet easy to read matrix.

The author is solely responsible for the design of Esata and the complete contents of this language description. No other person participated in or influenced the definition of the language. Any similarity to other artificial languages is purely coincidental and entirely unintentional.

Typefaces used in this text:

This typeface is used for Esata words.

This typeface is used for the main text, including translations of Esata into English

This typeface is used for the author's comments.

2. Esata Alphabet and Pronunciation

The Esata alphabet consists of all the 26 letters of the English language alphabet. In Esata, as opposed to English, all the consonants and vowels have unique pronunciations.

The vowels are pronounced as follows:

- a** has only the long sound as in father.
- e** has only the short sound as in get.
- i** has only a long sound like ee in sweet.
- o** has only a long sound as in note
- u** has only a long sound like oo in boot.

The consonants are pronounced as in English, with these qualifications:

- c** has the sound of **ch** in cheese, or c as in ciao.
- x** has the sound of **sh**, not the ks sound as in box.
- g** has only the hard sound as in good.
- q** is pronounced as though followed by the vowel u.
- s** has only the sound of the **s** in see, not the z sound as in goes.
- y** has only a consonant sound as in yes, not a vowel sound.

Typical pronunciation errors for native English speakers are:

1. Mispronouncing the consonants **c**, **g**, and **x**.
2. Mispronouncing **a** as in 'make' or 'hat'.
3. Mispronouncing **i** as in 'like' or 'hit'
4. Mispronouncing **o** as in 'spot'.
5. Mispronouncing **u** as in 'gut' or 'duty'.

As an exercise, try to recognize and pronounce the following English words transcribed into Esata: **hit, gem, cerc, pik, dak, pur, blak, mod, mud, fit, xem, cip, jat, not, wor, kek, kul**. The correct answers are heat, game, church, peak, dock, poor, block, mowed, mood, feet, shame, cheap, jot, note, war, cake, cool.

There are no rules concerning use of emphasis in pronouncing the component syllables of words in Esata, except that verb forms, which end with the letter **-a**, are often pronounced with emphasis on the final letter.

Author's notes: We stay with the standard English language alphabet because it is well known and used worldwide. Other alphabets discourage interest in learning languages - how many choose to learn Russian or Chinese compared to those learning French, German, or another language based on this familiar alphabet? There is a new alphabet proposal which accompanies this Esata language description (appendix F), but its use is completely optional.. The new alphabet is ideally suited to Esata, based on its syllable structure. It uses an easy to scan 16 segment grid to code up to four normal letters.

In Esata all letters have unique sounds. Pronunciation in English is highly irregular, and represents a serious obstacle for learners. Esata words transcribed from English often have a different, but always recognizable sound. Native English speakers may find the Esata pronunciation a bit awkward at first, but after a bit of practice, they will get used to these simplified sounds. Non English speakers should be pleased and relieved to see that words in Esata can be pronounced as they are written, something the English language would do well to implement, if it aspires to become the true lingua franca of the modern world.

3. Esata Syllables

Esata is based on two letter syllables consisting of one one consonant followed by one vowel. There are 105 possible syllables (any of 21 consonants followed by any of 5 vowels). Here is the complete list:

ba be bi bo bu
ca ce ci co cu
da de di do du
fa fe fi fo fu
ga ge gi go gu
ha he hi ho hu
ja je ji jo ju
ka ke ki ko ku
la le li lo lu
ma me mi mo mu
na ne ni no nu
pa pe pi po pu
qa qe qi qo qu
ra re ri ro ru
sa se si so su
ta te ti to tu
va ve vi vo vu
wa we wi wo wu
xa xe xi xo xu
ya ye yi yo yu
za ze zi zo zu

Esata words consist of one or more of these syllables, so words have length 2,4,6,8, etc. A practical maximum on word length would be 6 syllables or 12 letters. The format of Esata words is therefore consonant followed by vowel until the end of the word. An exception is made in the case of an unvoiced vowel *e* which may be dropped in the written form, to reduce character count. An *e* is generally assumed to be present when two consonants are written together, or a word ends in a consonant. In these cases the vowel *e* it is pronounced as though present. Another exception is for verb past tenses where the normal ending *-a* may be dropped.

author's notes: These rules give Esata a significantly different look and sound from English: Esata words begin with a consonant, and then continue with alternating vowels and consonants until the end of the word.. There are only a limited number of vowel sounds - normal English has more than twice as many. Mapping all of English (and other languages!) onto this limited set of sounds is a challenge - but if we succeed, then we will simplify the pronunciation and orthography of the language to the maximum - that's our objective!

Although natural Esata vocabulary respects these rules, there is another class of vocabulary called phrase words, starting with a prefix syllable of vowel plus consonant. The prefix syllables are language qualifiers, which are defined for all of the world's major languages. This allows Esata to import vocabulary from other sources. Prefix syllables allow to redefine the meanings of the individual component syllables in that word. Use of prefixes for natural languages and special dialects will be explained in detail later on.

4. One-Syllable Words: the Primary List

Each of the single syllables in Esata has the significance of a complete word. The assignment of meanings to the 105 possible syllables is called the primary meanings list. It is the kernel of Esata, and the first set of vocabulary that should be learned. With the primary meaning list alone, Esata can deal with many normal situations, and express many common sentences.

One-syllable words are abbreviations of 2 syllable words ending in **he**. One syllable words include all the pronouns, the conjunctions, the auxiliary verbs, some of the most common verbs, most of the interrogatives, some prepositions, and an assortment of frequently used nouns and adjectives.

Some of the one syllable words are introduced in conceptual groups below. The complete primary meaning list is given following. *Note the resemblance to English words for most of them. Where this resemblance is missing, it is because a syllable had to be assigned to another meaning, and so a foreign word is substituted (eg. 'know' is **sa** from Spanish 'saber,' because the more assonant **no** has another meaning).*

Pronouns:

yo	I	wi	we	mi	me
yu	you (familiar)	yi	you (formal)	ye	reflexive pronoun
hi	he	ze	they	he	it
xi	she				

Auxiliary verbs:

ha	have, has	bi	am, is, are	me	may	mu	must
hada	had	bida	was, were	ke	can	xu	should
viha	will have	vibi	will be	ku	could		

Common verbs:

ko	come	go	go	cu	eat	la	like
sa	know	gi	give	le	let	lo	love
se	say	ge	get	pu	put	ki	keep
si	see	du	do	re	run	ta	talk

Common nouns:

bo	boy
ga	girl
ma	man
wu	woman

ka	car
do	money
fu	future
lu	place

Adjectives:

ba	bad	ra	right
gu	good	ro	wrong
mo	more	nu	new
li	little	zi	easy

Interrogative pronouns:

we	when	wo	where
va	what	ho	how
wa	why	hu	who

Articles:

de	the
di	this
da	that
ne	an

Prepositions:

ni	in
fo	for
fe	if
fa	of

conjunctions:

na	and
be	but

Primary meanings list:

This is the kernel of the Esata language, the one syllable or primary meanings list. Anyone interested in learning the Esata language should begin by mastering this list. For native English speakers this should not take more than about an hour. In most cases the syllables are close to the sound of their English equivalents. In some cases no suitable English word with a similar sound was found, and so a foreign source word was adopted. In the second column an alternative meaning for some syllables is given. The alternative meaning may be used when that syllable is part of a phrase word. Explanation on phrase words and alternate meanings for the primary list words will be given later. For the moment just focus on the meanings in the first column.

Syll.	Primary Meaning	Alternate Meaning
ba	bad	
be	but	
bi	be	big
bo	boy	
bu	boom	
ca	hello	change
ce	there is, are	check
ci	drink	
co	there isn't, aren't	
cu	eat	
da	that	doll
de	the	dumb
di	this	day
do	money	
du	do	
fa	of	far
fe	if	fun
fi	feel	friend
fo	for	enemy
fu	future	
ga	girl	
ge	get	
gi	give	
go	go	
gu	good	
ha	have	
he	it	laugh
hi	he	heat
ho	how	home
hu	who	huge
ja	God	
je	just	
ji	high	
jo	joy	
ju	low	
ka	car	
ke	can	

Syll.	Primary Meaning	Alternate Meaning
ki	keep	
ko	come	
ku	could	cool
la	like	
le	let	
li	little	
lo	love	
lu	place	
ma	man	
me	may	
mi	me	middle
mo	more	
mu	must	
na	and	name
ne	a, an	net
ni	in	need
no	no	
nu	new	
pa	past	
pe	pay	
pi	please	
po	power	
pu	put	
qa	there	
qe	question	
qi	here	
qo	quote	
qu	cool	
ra	right	
re	run, work	
ri	read	
ro	wrong	
ru	room	
sa	know	
se	say	
si	see	
so	some	social
su	soon	
ta	talk	
te	thing	
ti	think	
to	to	
tu	too	
va	what	various
ve	very	
vi	will	

Syll.	Primary Meaning	Alternate Meaning
vo	or	vote
vu	(*escape*)	view
wa	why	walk
we	when	wait
wi	we	wheel
wo	where	word
wu	woman	
xa	shop	
xe	sure	
xi	she	sheet
xo	show	
xu	should	shoot
ya	yes	
ye	yeh, refl.pronoun	yet
yi	you (formal)	year
yo	I	
yu	you (informal)	young
za	(escape: data)	zap
ze	they	zero
zi	easy	
zo	so	
zu	alive	

Most of the words in the primary meanings list are short English words, which and are recognizable in these one syllable abbreviated forms. For those that are not an explanation of their origin is given below:

best fit for short English words starting with vowels

he	it
na	and
ne	an
ni	in

from Italian, no good fit found in English

ca	hello 'ciao'
ce	there is 'c'e'
ju	below 'giu'
qi	here 'qui'
qa	there 'qua' modified from 'here'

from other languages, and special cases

lu	place: French 'lieu'
sa	know: Spanish 'saber'
ci	drink Spanish 'chicha'
va	what: avoids overlap with wa why
wo	where: German 'wo', avoids overlap with we when
yo	I: Spanish 'yo'
ji	high: assonant opposite of ju
co	there's no: assonant opposite of ce there is

5. Using the Primary List

Though just a small set of words (slightly over 100), the Esata primary meanings list is nevertheless capable of expressing a large number of basic ideas. With the primary list alone, it is possible to generate thousands of useful sentences, and deal with many common situations in conversation. Esata one syllable words can often be written together, as run-on words. A few simple sentences are presented below. Note how succinct the Esata language can be for expressing these commonplace phrases.

questions:

<i>hubiyu?</i>	who are you?
<i>wobixi?</i>	where is she?
<i>wayuti?</i>	what (do) you think?
<i>bidara?</i>	is that right?
<i>hobihiko?</i>	how is he coming?
<i>weviyosa?</i>	when will I know?
<i>bidavayuti?</i>	Is that what you think?

statements:

<i>wixududa</i>	We should do that
<i>zekujebini</i>	They could just be in
<i>yonotavegu</i>	I don't talk very good
<i>feyunosanose</i>	If you don't know, don't say
<i>wikegotodexa</i>	We can go to the shop
<i>minukanore</i>	My new car isn't running.
<i>gidecutodabo</i>	Give the food to that boy.

For improved readability, longer Esata run-on words can be written in smaller groups of 3 or 4 syllables. Six syllables should be considered a practical limit on length; words longer than that can be a bit hard to scan.

I will go see him some place.
I don't think he knows her.
He says that thing can't be done.
Who is that man?
They must be coming for him.

yovigo sihi solu
yonoti hisaxi
hise date kenobiduda
hubi dama?
zemubi kofohi

He wouldn't say so
The man didn't tell us
Did he say if it's working just (yet)?
Is this the right room, or the wrong room?
When will we get to eat?

hiwuno sezo
dema nosedawi
sedahife hereje?
bidide raru vode roru?
weviwi gecu?

This run-on writing of one syllable words allows us to express many common sentences in one or two Esata words. Note how the translations correspond virtually word for word from English to Esata. We retain a close relationship in word sounds and order with the English language, to make it easy for English speakers learning Esata, and also to facilitate learning of English for those who start with Esata. The intention of the Esata language design is to include all of English in simplified form, and also a large amount of vocabulary from foreign sources. Esata also supports a large number of foreign, technical, and custom dialects.

6. Esata Grammar: First Pass

Now we give a quick introduction to Esata grammar based on the single syllable words seen so far. A more complete discussion of Esata grammar will be offered later in a 'second pass'.

Word Endings: The final vowel of Esata words indicates their part of speech (*with exceptions noted*):
-e nouns, prepositions. *A final vowel -e may be dropped in writing but the vowel sound is still pronounced.*
-a verbs *the verb past tense ending -ada is often abbreviated to -ad or -da*
-i adjectives and adverbs *When modifying an adjective or adverb, the ending may be dropped.*
-o personal names *There are a few words ending in -o which are nouns or prepositions.*
-u impersonal names *Foreign source words imported into Esata can also take this ending.*

These rules do not apply to the one syllable words (which are contractions of two syllable words ending in **-he, -ha, -hi**) but they do apply to their two syllable forms. Likewise the rules do not apply to run-on words which are several one syllable words written together. Other normal Esata words obey these rules.

Personal Pronouns:

All the personal pronouns are written using single syllables. The same form is used for subject and direct and indirect objects pronouns.

yo	I,me	wi	we,us	mi	I, me, my
yu	you	yi	you (formal/plural)	ye	reflexive pronoun
hi	he,him	ze	they,them		
xi	she,her				
he	it				

*There is good assonance with English with **yu, hi, xi, wi, and mi**, and fair assonance with **he and ze**. **yi** reintroduces this old English form as an alternative for 'you' formal, but as in modern English, it is not required. For the pronoun 'I' there was no sound closer than **ha**, which is assigned to the verb 'have', so the Spanish language pronoun **yo** was adopted instead.*

Combinations of Pronouns:

When subject and object of verb are personal pronouns, the two pronouns can be placed together, eg **yuyo** - you (to) me, **wiyu** - we (to) you, **hixi** - he (to) she. The first pronoun is the subject, the second is the object.

The reflexive form is formed with **ye**, placed immediately after the pronoun. **yoye** - I myself, **hiye** - he himself. These forms can also be used to distinguish the passive voice. **Yoye ksiderda** I am considered.

Deference and respect can be indicated by prefixing (stronger) or appending the pronoun modifier **ji**: eg. **yuji** - your honor, **jiyu** - your excellency.

Inanimate Pronouns:

All the personal pronouns are always written with only one syllable, so their two syllable forms are available for a somewhat different use, the inanimate pronouns. When we communicate with a program / machine instead of a human, use of these forms allow to make this distinction clear. Inanimate pronouns are the normal personal pronouns accompanied by their second syllable **he** (which conveniently, means 'it').

yohe	I	wihe	we	mihe	I,me,my
yuhe	you	yihe	you (formal)		
hihe	he	zehe	they		
xihe	she				

Possessives:

Possessives are formed by appending either the article *de* or *ne* to the pronoun attributed:

<i>yode</i>	my
<i>yude</i>	your
<i>hine</i>	(one of) his
<i>xine</i>	(one of) her

The inanimate pronouns form the possessive in similar fashion, *yohede* my, *yuhede* your. The pronoun *mi* can be used directly as possessive pronoun: *mika* my car.

Articles:

The definite article *de* (the) and indefinite article *ne* (a,an) are used before a noun but aren't strictly required. When used, they can generally be written run-on with the associated noun. When omitted, no distinction is being made between the definite and indefinite forms: *demago* the man goes, *nemago* a man goes, *mago* (a, the) man goes. Use of articles is generally preferred for resemblance to English, and for clarity in speech.

Plurals:

Plurals are formed by adding *ze* to the noun. In most cases the plural ending is abbreviated to *-z* alone, eg *bo* boy, *boz* boys. Some nouns ending in *-s* *-w* or *-y* can simply substitute that final consonant for *-z* in the plural.

Verb Tenses and Auxiliaries:

The infinitive, present tense, and present participle use the same form: *go* go, to go, going. Verbs are not conjugated, and are invariable in tense, except for a past participle, which is also used for the simple past. Tenses other than the simple present and past use auxiliaries 'to be' and 'to have', or the modal auxiliaries.

bi (am, is, are) present tense of the verb and auxiliary 'to be'

ha (have, has) present tense of the verb and auxiliary 'to have'

When the auxiliary short form *bi* is used this indicates a transient condition, eg. *yubiqi* you are here. The long form *biha* indicates a long term or permanent condition, eg. *yobihama* I am a man. Other verbs can also make this distinction in the present perfect tense, eg. *yobigo* I am going, *yobihago* I go (repeatedly).

Past tenses:

bida (was, were) the past tense of the verb and auxiliary 'to be'

hada (had) the past tense of the verb and auxiliary 'to have'

In Esata verbs are invariable, except for the simple past, also used as past participle, formed by appending *-da* to the verb: *go* go, *goda* went, gone: *si* see, *sida* saw, seen: *ge* get, *geda* got, gotten. For verbs without short forms, the final *-a* of the normal verb ending is often dropped, so *tica* to teach, *ticda* taught. English verb conjugations have obvious Esata equivalents, translating word for word the auxiliary and verb parts.

<i>yo goda</i>	I went
<i>yoha goda</i>	I have gone
<i>yobida go</i>	I was going
<i>yohada goda</i>	I had gone

As in English, whether an action is definite, or repeated or continuous, determines the auxiliary; the imperfect uses the past tense of the auxiliary to be, yo bida go I was going, whereas the past perfect tense uses the auxiliary to have, yo hada goda. I had gone.

Future and Conditional tenses:

vi will, indicates the future tense, eg. **yovigo** I will go, **wu** would, conditional, **yowugo** I would go. When combined with auxiliaries, we get the future and conditional tenses **viha**, **wuha** will have, would have, **vibi** will be, **wubi** would be. Choice of auxiliary depends on whether the indicated action is definite, or repeated or continuous: **yoviha goda** I will have gone (definite), **yovi bigo** I will be going (repeated or continuous).

*This scheme is just a direct mapping of English, with some simplifications. We get rid of all verb irregularities (in particular the dreadful past tenses), and keep word for word correspondence in the conjugations. **bi**, **ha**, **vi** and **wu** are just the normal English auxiliary verbs.*

Modal Auxiliaries:

present tenses of the modal auxiliaries are similar to English

yodugo	I do go (emphatic present)
yomugo	I must go (I am obliged to go)
yokego	I can go (I am able to go)
yomego	I may go (I am allowed to go, I might go)

Other verb tenses using the modal auxiliaries can always be performed as in English, but Esata permits some modal forms that are either absent or expressed otherwise in English.

yodudago	I did go (emphatic past)
yovidugo	I will (emphatic future) go
yomebigoda	I may be gone
yomehagoda	I may have gone
yomebikego	I may be able to go

yomudago, yohadago I had to go

yovimugo, yovihago I will have to go

English uses an odd form of the auxiliary - 'to have to' to express obligation

yokugo I could go (I will be able to go)

yokudago I could go (I was able, was allowed, to go)

yovikego I will be able (can) to go

In English the auxiliaries 'can' and 'could' are sometimes ambiguous, Esata clarifies their use.

Combinations of modal auxiliaries in Esata can imitate word for word all the English forms of conjugation, but in many cases there are simpler alternatives, eg introducing past tenses of auxiliaries:

yomuha bidati, yomudabiti I must have been thinking

zenoha bidakege, zenokedage They have not been able to get

ximeha bidakege, ximedakego She may have been able to go

Like most creole languages, Esata contains a rich palette of verb forms, especially with modal auxiliaries.

Reflexive Forms:

When the subject of the verb is also the object, and the subject is a pronoun, this reflexive form can be expressed by appending *-ye* to the subject pronoun or immediately after a short form verb.

yoyesi or *yosiye* I see myself

hiyegi or *higiye* he gets himself

With respect to conjugation, the reflexive forms behave just like normal pronouns, eg

yoye wuha sida I would have seen myself

hiye hada nodudahe he had not done it himself

The reflexive can also be used with intransitive verbs, in this case it is an emphatic form:

yoyego I'm going, myself (as for me, I'm going).

Indirect and Direct Object Pronouns

No distinctions are made in the verb forms between transitive and intransitive, only the presence or absence of an object distinguishes a verb as transitive or intransitive. An indirect object pronoun may be introduced by *-to* eg. *tomi* to me, *tohi* to him, but this is optional, unless there are both direct and indirect object pronouns, then it must be signaled with *-to* eg. *yogidahe toxi* I gave it to her. An indirect or direct object pronoun may be written together with a subject pronoun, *yoxisi* I see her instead of *yosixi*. *This word order is not present in English, but is commonplace in other languages.*

Conjunctions and Negations:

These common conjunctions are in the primary meanings list:

na and

vo or

be but

they can be written together in combinations eg. for logic functions,

nano and not,

beno but not

novo not or (neither..nor)

nona not and (not both)

combinations of pronouns and conjunctions can be written in run-on Esata words, eg.

yunayo you and I

hinaxi he and she

yuvoze you or they

jubenoyo you (plural) but not I

Adjectives and Adverbs:

There are only a few of these in the primary list, eg. *gu* good, *ba* bad, *mo* more, *xe* sure. We can also use their long forms: *guhi*, *bahi*.

Comparison of adjectives/adverbs is done with *mo* more, and *les* less preceding the word modified: *mogu* better, *les gu* worse (there are also the words *ber* and *wos*). Superlatives can be made with *demo* the most, *deles* the least, before the word modified. Superlatives may also be formed with *bes* and *mos*, and *lis* and *wos*, usually written *debes*, *dewos*. As modifiers of adjectives, they do not require the adjectival ending *-i*.

7. Primary List Phrase Words

A two syllable Esata word prefixed by the letter sequence **en** (as in English, and usually abbreviated to the letter **e**) is interpreted using the primary list given previously. The meanings of the component syllables taken together suggests a meaning for the complete word. A prefix syllable consists of a vowel plus a consonant, but in all cases the presence of a leading vowel indicates a phrase word follows.

More than 10,000 phrase words are obtainable using combinations of the primary meanings list. At present we have introduced only one primary meanings list, but later over 100 others will be defined (at least categorically), by defining other prefixes and assigning different meanings to this same primary list of syllables. All of the major languages will be assigned a primary list. Other primary lists will be assigned for specialized, eg. technical vocabulary, and some lists will be available for users to define themselves.

In the primary meanings list, there were alternate definitions for some syllables, in particular the pronouns, prepositions, articles and interrogative pronouns. These alternate meanings give more scope to the English phrase words. Unfortunately, many phrase words based on the primary meanings have limited use, because these meanings are too general, eg. **edewi** the we, makes little sense, similarly **edida** this that, or **evawa** what why. With alternative meanings these become **ewide** dumb wheel, **edida** day doll, **evawa** various walk. The alternative interpretations are more likely to acquire specific meanings and prove useful in speech.

The author proposes to use the primary meanings for phrase words with the single letter -e as prefix, and the alternate meanings for phrase words with the -en prefix. This scheme will allow us to experiment with the alternate meanings and to determine whether they are worth the trouble. At present about one third of the syllables have suggested alternate meanings, but this could be expanded.

*Now we have a scheme defining when the complete prefix syllable **en** or the abbreviated form -e is used. Phrase words from other dialects can sometimes omit the prefix syllables as well (eg. the prefix -it for Italian can be abbreviated as -i) if there is just one dialect with that prefix vowel is in use at a given time. In specific contexts where a phrase word is used repeatedly, the entire prefix syllable may even be omitted.*

Examples of Phrase Words

esayo know I, ie. self knowledge
epuro put wrong, eg. make a mistake
ewuxa woman('s) shop
emore more run, eg. overtime
efifu feel for the future, eg. anticipation

These are all examples of phrase words formed from primary, not alternative meanings. Note that there is usually a significant difference in the meanings of phrase words with the order of syllables reversed. In most cases we will try to assign phrase words meanings by using the first syllable as a 'modifier' of the second.

eyosa I know, eg personal experience
eropu wrong put, eg. misplace
exawu shop woman, eg. salesgirl
eremo run more, eg. longevity
efufi future feel, eg. premonition

*Note that **yosa** is a commonplace expression, so the phrase word **eyosa** has to be given a meaning quite different from 'I know'. This comment applies for phrase words made with pronouns, interrogatives, articles and prepositions. This is also the main reason why the author introduced secondary meanings for primary*

list syllables in those categories, because it was not obvious that phrase words based on these commonplace 'glue words' of normal language could offer sufficiently interesting interpretations.

On first consideration phrase words like **eyoxi** and **ewihi** have little meaning, but with a little imagination useful interpretations can be invented, eg. 'my girl friend' and 'our male leader'. Similarly phrase words like **evade**, **ehuwa**, **edida**, appear useless until slightly distant meanings are associated, eg. 'what the heck', 'who can explain', 'this and that'. Once phrase word meanings are assigned, these typically prove more succinct than corresponding full word forms: **yode ga frin**, **wide mahi lid**, **va dehek**, **huke splena**, **dinada**.

The meanings of the individual syllables taken together give an approximate meaning of the phrase word, which is an important aid for those encountering the expression for the first time, but each phrase word should acquire a more specific meaning, as do associated word phrases in natural languages.

*One intention of phrase words is to reduce the length of common expressions. Instead of **exawu** for shop woman we could also say **xahi wuhe**, but the first form is easier to write and pronounce. Plus, the phrase word allows to convey a more specific meaning. The main motive of introducing phrase words however, is to allow for dialects from all major foreign languages to become formally part of the Esata language.*

The phrase word approach to dialect definition is based on the principle of 'overloading', that is, the reuse of the same words with different meanings. By using different prefixes we will be able to assign each 2 syllable word over 100 completely different meanings! And any Esata speaker who learns 100 meanings of another primary list will in principle be able to understand and use up to 10,000 phrase words of a completely different spoken dialect, without ever having to learn the language!

We have a difficult task rewriting English and foreign sourced vocabulary so that their equivalents respect the Esata syllabic structure. But the benefits are great - we can derive over one million different phrase words, and an incalculable wealth of expression, from these two short syllables and the language prefixes.

The reason that only phrase words may start with a leading vowel is that this sound alerts our verbal brains that we must parse the word following into syllables and interpreted it in that different manner. Since leading vowels are never used for normal Esata words, when we hear a leading vowel sound, we will be able to react and understand the phrase word that follows in real time.

More examples of phrase words using the Primary List (prefix **-e**):

egoge	go get - fetch
emunu	must new - urgent renewal
erisa	read know - book learning
epama	past man - predecessor
epoci	power drink - alcohol
emalu	man place - men's club
ewobi	where be - location
exegi	sure give - tithe
ebagu	bad good - pro and contra
ehogo	how go - means of transport
eceja	there is God - God exists
ekuko	could come - might happen
etiso	think some - reflect
elaka	like car - favorite auto
ecezu	there's life - it's lively

Now some phrase words based on the alternative meanings of the primary list (these use the prefix *-en*):

<i>enmixo</i>	middle show - intermission
<i>enfife</i>	friendly fun
<i>encedi</i>	check day - eg. payday
<i>enniku</i>	need cool
<i>enwovo</i>	word vote - eg. ballot
<i>enyuyi</i>	young year - infancy
<i>enhicu</i>	heat eat - cook
<i>enbica</i>	big change
<i>enwexe</i>	wait sure - announced delay
<i>enfasi</i>	far see - telescope
<i>envuxi</i>	view sheet - eg. public notice

Phrase words offer an alternate means of expressing commonplace expressions. The existence of phrase words in Esata also encourages speakers to explore the meaning space in the language. Every syllable in Esata has the meaning of a complete word. Similarly, every prefixed combination of syllables is a phrase word, whose meaning can be inferred from the meanings of the component syllables.

Whether phrase words are nouns, verbs or adjectives, depends on their constituent syllables. Phrase words are not subject to the usual rules on Esata word endings determined by their parts of speech.

A complete list of all the phrase words and their suggested meanings based on the primary list will not be given in this language description. Instead an 'exercise for the reader' is suggested - make a selection of primary list syllables, and try to assign meanings to the phrase words resulting from random combinations. In this way you will get a feel for the way phrase words can be defined and come into use in the language:

8. Two Syllable Words: the Secondary List

The two syllable words (also called the secondary meanings list) are the main part of the Esata vocabulary, containing most of the frequently used words in the language. As for the other Esata words, the two syllable words are imported from English and foreign sources. At present about 90% of the two syllable word stems have been defined (appendix B). The intention is to eventually assign meanings to all the two syllable stems, which defines 2,000 words, or 6,000 counting the associated noun, verb and adjective/adverb forms.

Recall that Esata words, are distinguished by their vowel ending into the different parts of speech:

words ending in **-e** are nouns, ie. naming words.

words ending in **-a** are verbs, ie. action words.

words ending in **-i** are adjectives or adverbs, modifying nouns and verbs respectively.

words ending in **-o** mostly are used for people's nicknames, but are sometimes nouns or prepositions.

words ending in **-u** mostly are used for place names, ie. cities and countries, but may also be used for words imported from other languages.

Meanings of the two syllable Esata words are taken from English when there is a closely related sound, but from another language if there is not. Some examples of two syllable Esata words, starting with the letter 'b':

bote boat these have nearly identical sounds as their English equivalents
bire beer
bite beat

buxe bush these have very similar sounds as their English equivalents
bebe baby
bawe bow

bece bet these have sounds approximate to their English equivalents
bice bicycle
bije beach

Trans spelling changes the appearance of Esata words with respect to English. Practice is needed with the new vowel sounds and some consonants, especially **c** and **x**.

Note also that we try to map from the English into the closest Esata equivalent, but in some cases this creates conflicts (eg. **bic**, **bij**) that have to be resolved as best can.

bewa beware **bewe** wariness **bewi** wary
bifo before
begu begin **bege** beginning (noun) **begi** beginning (adj/adv)

Note how part of speech and associated word meanings change depending on the word ending, **-a**, **-e**, or **-i**. The word 'before', is an exception: an **-o** ending has been used for this preposition, because it corresponds to a run-on of one syllable words. Most of the exceptions in the Esata endings involve words ending in **-o**.

After an English word has been assigned to a two syllable Esata word ending in either *-e*, *-a*, or *-i*, the other two endings are automatically assigned to their related meanings with the other parts of speech. So for example, once we assign **bite** the beat, then **bita** must mean to beat, and **biti** means beating. When we assign **bawe** a bow, then **bawa** means to bow, and **bawi** means bowing. Similarly, **bege** means 'the beginning,' **bea** means 'to begin,' and **begi** is an adjective or adverb meaning 'beginning'.

Assignment of a meaning to a word ending in *-o*, doesn't result in assignment of the words with the same stem but other endings. Only the *-e*, *-a*, and *-i* forms are linked in this manner. We may however, allow the linking, eg **befo** has the meaning 'before,' and the stem **bef_** is assigned to related meanings eg. **befa** to precede.

bufa to eat meaning imported from foreign source
beqi comfortable
bera drink

Here the meanings we have assigned to the Esata words are not from English, but from other languages: **buf_** comes from French slang 'boufer,' to eat; **beq_** from German 'bequem,' comfortable, and **ber_** from Italian 'bere,' to drink. In these cases there was no obvious choice of English word which was close in sound to the Esata root, so an alternative was chosen from one of the other natural languages.

Where there is a good correspondence, a two syllable Esata words is associated with English, but often words are from other sources. A primary objective of the Esata language is to make it highly international.

bame bomb
bome tree
bogi bogus
boxa to boast
buze buzz

More examples show how Esata vocabulary is obtained: **bame** is close in sound to English 'bomb.' **bome** is assigned the meaning 'tree,' from Dutch and German. **bogi** is close to the English slang word 'bogus.' **boxa** is not as close in sound to English 'box,' as it is to 'boast.' In all cases where a word with an *-e*, *-a*, or *-i* ending is defined, so also are two other words with the other endings. So when we define **buze**, we have also **buza** to buzz, and **buzi**, buzzy or buzzing. Similarly **bama** is the verb 'to bomb', and **boxe** is a boast.

English is quite liberal in its ability to create verb and adjective forms from nouns. This capability is formalized, extended, and simplified in Esata with the verb and adjectival forms for all nouns in the Esata natural vocabulary. In some cases these forms may seem a bit strange, especially when no corresponding English words exist; but in most cases associated verb and adjective forms will prove useful.

*For example, there is the Esata noun **bome**, tree, so we also have **boma**, to tree, and **bomi**, 'treelike.' English has a verb form, as in 'to tree a squirrel,' but in Esata we would try to avoid too narrow an interpretation, so **boma** might mean 'climb a tree,' and may eventually take on a wider meaning of 'climb.' Note that in Esata nouns and adjectives have regular endings; in English the related forms take many different endings and these have to be learned individually - a significant burden for anyone trying to learn the language.*

Most Esata two syllable words ending in **-o** are people's nicknames, and most Esata two syllable words ending in **-u** are abbreviated place names. Here are a few examples of personal nicknames in Esata:

bobo	<i>Bob</i>	dono	<i>Don</i>
robo	<i>Robert</i>	salo	<i>Sally</i>
rico	<i>Richard</i>	jojo	<i>George</i>
maro	<i>Mary</i>	jano	<i>John</i>
jamo	<i>James</i>	wado	<i>Edward</i>
pipo	<i>Phillip</i>	beto	<i>Elizabeth</i>

*The characteristic -o ending gives us a clear signal that the word is a person's name. It is usually easy to find good correspondence in these short forms as nicknames, but we can also write persons' names in the longer form still with the -o ending, eg **Leksandro** Alexander. Transcribed names must still respect spelling rules.*

Here are a few examples of place 'nicknames':

paru	<i>Paris</i>	lonu	<i>London</i>
beru	<i>Beruit</i>	buru	<i>Brussels</i>
hoku	<i>Hong Kong</i>	beju	<i>Bejing</i>
meru	<i>America</i>	basu	<i>Brazil</i>
cilu	<i>Chile</i>	talu	<i>Italy</i>
panu	<i>Spain</i>	gipu	<i>Egypt</i>

*Place nicknames may seem awkward at first, but with a little familiarity, they become very convenient. In specific areas nicknames may be re-used for local place names. Longer words ending in **-u** are also typically used for place names, but any impersonal proper names, eg. company names and product names, to be imported from any natural languages and transcribed using this ending.*

*The categories of two syllable Esata words ending in **-o** and **-u** each contain more than 2000 possible entries. That's a lot of nicknames for people and places! Having these short forms will significantly reduce the length of common phrases, making our target language even more compact and easy to speak - that's our aim!*

9. Secondary List Phrase Words

Just as we constructed phrase words using the primary list, we can also construct phrase words using the two syllable words of the secondary list. Primary list phrase words are in fact just abbreviated forms of secondary list phrase words, namely those ending in *-he*. The prefix syllable *-en*, usually abbreviated to *-e*, also marks the start of an Esata secondary list phrase word. It is not contemplated to define phrase words for other dialects based on secondary lists of other language origins. Dialects are limited to the primary lists.

In principle, any combination of words from the secondary list may be used in a phrase word. After we have assigned meanings to all of the more than 2000 elements in the secondary list (see Appendix A) we will have defined more than 4 million potential secondary list phrase words. That's a lot more than we will ever need, so in practice only a small subset of the phrase words in this vast array will ever effectively come into use. Even so, speakers of Esata are at complete freedom to select and use secondary list phrase words as they like, knowing that they these terms exist, and can acquire meanings by their use in context.

Here are some examples of secondary list phrase words, s with suggested meanings:

epikwej	peak wage - top salary
exodwed	warm weather - eg. summer
exefpix	chef piece - piece de resistance
efekmon	fake money - counterfeit
efixceh	fish chase - eg. futility
ecikgon	chic skirt - eg. miniskirt
egosnoc	ghost night - eg. Halloween
enorrod	northern road - eg. underground railway
eceymam	chair mother - eg. female chairperson
eromcip	roam cheap - vagabond
erocmez	roach maze - tiny labyrinth
ecuzrix	choose rich - luxurious taste
egemlen	game length - playing time
elassan	last sand - eg. final seconds
ecidxow	seed shower - eg. spawning
ejokjuj	joke judge - eg. comic critic

*It might be argued that we achieve little with the introduction of phrase words, because these differ only slightly from the corresponding forms in free text - instead of saying **xodi wed**, we can say **exodwed**; instead of **feki mone**, we can say **efekmon**. The main significance of phrase words is not this reduction in length, but rather the stimulating effect they have on speakers of the language. The phrase word concept encourages users to explore this vast meaning space, and to coin and adopt phrase words of their own, assigning them more specific meanings, which are still related however, to the meanings of the phrase word parts.*

*As an example, **egosnoc** meaning 'ghost night', might be assigned the specific meaning of 'Halloween.' What has been gained by using a phrase word where a specific word already exists? Quite a lot actually - consider that non-English speakers have no idea what the word 'Halloween' means, but would have little trouble associating **egosnoc** to a specific context, ie. costumed kids in the streets. On the other hand, if some non-English speakers began using **egosnoc** for an occasion of their own, English speakers might pick up the term, and learn something about someone else's other culture (for a change!).*

The real significance of phrase words still may not be clear to readers. After all, we have gone to great lengths to restructure the English language so that it can be rewritten as repetitions of two letter syllables of the type consonant plus vowel, always starting with a consonant. This was principally in order to assign to

phrase words the vast category of words beginning with vowels. If phrase words are not really useful, then we have only made the language more awkward with this restructuring!

If on the other hand, phrase words are useful, then we have gained some significant things that current English does not have. First is the ability to support a wide variety of foreign and specific purpose dialects within the language. Second is a means to allow all speakers to define new words and introduce them into the Esata working vocabulary.

With each foreign language prefix, we generate new definitions of the 100 primary syllables, and with those another 10,000 short form phrase words. Learning a foreign language is a massive task - but learning new meanings for 100 syllables is not. In a few days anyone can learn a new primary meanings list, and start using the associated phrase words, which is equivalent to learning a full foreign dialect.

Phrase words are intended to provide a means to handle most of the complex vocabulary of the language in a simple and standard form. They represent a systematic approach to the problem of storing very large vocabularies and facilitating their use. We have 2000 three letter stems (consonant-vowel-consonant) from the two syllable words, which cover most of the basic words in natural language. With secondary list phrase words we have 2,000 x 2,000 combinations, which should be enough to handle most of the complex vocabulary we might need to define.

In natural language there is extensive use of word phrases, but foreign speakers encountering such phrases do not know that they may have specific meanings. In Esata, phrase words signal this condition. Normal word phrases also tend to grow in length, so the compactness of the language and efficiency of speech begin to suffer. Abbreviations are sometimes used, especially for technical terms, but this practice presents a very high cultural barrier for non native speakers and is not popular with native speakers either.

Phrase words represent a standardized approach to vocabulary expansion. In natural language, when new words are needed, we often put two existing words together, and that becomes the new word. So we have ice-cream, man-hole, station-wagon, self-help, and thousands of other two word combinations, with new ones being coined all the time. In the past Greek and Latin roots were used to form new words, and in this way English was able to incorporate much of its current scientific and technical vocabulary. With phrase words we are proposing a framework which both allows and encourages all speakers to invent new vocabulary words that could be useful in everyday life.

Similarly the specialized dialects, using other prefixes, offer a good opportunity for the definition of custom vocabulary for technical and professional areas such as law, engineering, and science. There are also other categories which are deliberately left open to allow room for individuals to experiment with their own language dialects, in a completely personalized way.

10. Three and more Syllable Esata Words

Three syllable and longer words in Esata are used to translate most of the longer words from English and foreign sources. We try our best to fit the most frequently used words into two syllables, but even so a large part of the vocabulary imported into Esata falls into the category of three and more syllable words.

There are more than one million possible three syllable Esata words. Clearly we will not try to assign meanings to all sequences of three syllables, as we do for the two syllable words. Still we will always try to keep the Esata word lengths to a minimum, because we want a compact and functional language. So when we import words from English and foreign sources we will always be looking for the shortest recognizable forms. Here are some examples. This is an excerpt from the basic English to Esata vocabulary in appendix C.

English	Esata	Esata_f	orig	3_sil	orig	2_ry	orig
hearing	hir_			sent_	I	horn_	DG
heart		qor_	FIS	hart_		herz_	DG
heat	hit_			kalor_	S	hitz_	G
help	hep_			help_			
high	hay_	hok_	DG				
history				hist_		histr_	
hole	hol_	buko	I				
hollow	holo						
hook	huk_			ganc_	I		
hope	hop_			sper_	I		
horn				horn_			
horse				hors_		xval_	F
hospital				ptal_		hoptal_	
hour	hor_			stun_	DG		
house	has_	kas_	S	haws_		mzon_	F
how	ho(h_)						

The first column gives the English word. The **Esata** column has two syllable Esata words based on English, if there is a good match. The **Esata_f** column gives a two syllable Esata word based on a foreign language, and **orig** identifies language source (D-Dutch, F-French, G-German, I-Italian, S-Spanish, the most frequent sources). The next two columns give a 3 syllable translation and the language origin. The last two columns give an alternative translation of 3 or more syllables and its language origin.

Note that in most cases we have several alternatives for translations into Esata. We are often able to assign a two syllable Esata word to the English equivalent, with assonance varying from very good (eg. **hit**, **hol**, **huk**) to fair (eg. **hep**, **hor**, **has**, **ho**). There are often two syllable Esata words assigned from foreign origins: for example **qor_** close to the sound of 'coeur,' meaning 'heart' in French, and **kas_** close to 'casa' meaning 'house' in Spanish. The column **orig** indicates the origin of the foreign word.

In the **3_sil** column are three syllable Esata words. The number of consonants in an Esata word determines the number of syllables. The final vowel is omitted, with an underline indicating that any of the terminal vowels **-e**, **-a**, and **-i** that may be used, corresponding to the noun, verb, and adjective /adverb parts of speech. Since the vowel **e** can often be omitted in writing within the word as well, many of the words in this column are written with four letters, of which 3 letters are consonants. The **2_ry** column contains secondary choices for 3 syllable words, or words of 4 or more syllables.

Some of the three syllable Esata words are practically identical to the original English (**hart**, **horn**, **hors**). Others are truncated but still recognizable (**hist**, **ptal**). There is often a 4 syllable version of the translation which is proposed (**histr**, **hoptal**), which may be used if preferred to the truncated form.

In our English to Esata vocabulary about half of the Esata words are of foreign origin. This reflects a primary aim in the language design, to make it truly international by including vocabulary from different languages. In general we prefer the shorter words for translations. By taking vocabulary from many different sources we can usually find a short translation for frequently used words.

The basic English to Esata vocabulary list in appendix C only covers a limited set of words. The intention is to provide an equivalent in Esata for any English language word. In appendix D there is an English to Esata transcription dictionary. In this list are the English words which occur most frequently in text, with an indicator of the frequency (1-lowest, 8-highest). Below is an extract from this transcription dictionary.

freq.	English	Esata	freq.	English	Esata
3	alarm	hlarm	1	allowances	halawz
1	alas	hlas	1	allowed	halawda
2	albeit	biht	2	allowing	halawi
3	album	habum	1	allows	halawa
7	alcohol	kahol	2	alloy	haloy
2	ale	hayl	1	all_right	halra
4	alert	hlerta	1	all_the_same	haldesem
3	alien	helyan	5	ally	halay
7	alike	halaki	7	almost	halmos
1	aliment	halimn	8	alone	loni
			8	along	hlon

We take the English word and write it in Esata in a compact yet still recognizable form. We have to change English words beginning with vowels into Esata words beginning with consonants. We can do this in several ways. One way is by prefixing the English word with a consonant, usually the letter 'h'. This retains the initial vowel sound, where needed to recognize the word. In this way we transcribe *album*, *ale*, and *alike*. Another way is to introduce a leading h, but modify the leading vowel into an unvoiced *-e* as for *alas*. Yet another way is to drop the leading vowel, and often an associated consonant, because those letters are not really essential to recognize the word. In this way we transcribe *albeit*, *alcohol*, *alert*, and *aliment*.

The rest of the word is transcribed as best we can, looking for the most compact representation which is still recognizably the original word, and is still distinguishable from other words close to it in sound. For *lowhez allowances*, we are pushing this to the extreme, whereas for other words, eg *haloy alloy*, *halong along*, we have changed them very little. We also see in this list the noun, verb, and adj/adv. forms of words, as well as past tenses eg. *lowha* allows, *lowhad* allowed, *lowhi* allowing. Most words are shorter in Esata than in English eg. *loni* alone, and especially if short forms can be used, eg. *halra*, all right.

We make additional reductions in lengths of Esata words compared to English by eliminating unvoiced *-e* sounds. This is only a convention to simplify the written language however – the syllabic construction of Esata words does not allow consonants to be voiced together, so it is assumed there is an unvoiced vowel *-e* between them. In Esata there are never more than two consonants written together. If necessary, an unvoiced *-e* is introduced to avoid this. When a vowel *-e* is stressed, it should also be written.

Hopefully, these examples will suffice to show how we transcribe the vocabulary of the English language. The elaboration of an extensive transcription dictionary was a task the author chose to defer for the present edition. Appendix D gives most of the more frequently used English words with suggested transcriptions in Esata. The basic English to Esata vocabulary in appendix C will eventually be extended to include all the important words in spoken language, with both English and foreign source equivalents.

11. Second Pass Esata Grammar

Now we make a second review of Esata grammar, treating some items not covered earlier.

Vowel Endings:

In Esata, almost all words ending in *-e* are nouns. This final vowel is usually dropped in writing, but it is still pronounced as though present. Proper names of persons and places end in *-o*, or *-u* respectively. There are only a few words ending in *-o* and *-u* that are not proper names. Nouns are invariable, ie. they do not have different forms for different cases. Gender is not indicated for inanimate nouns. For animate nouns, eg animals, gender may be indicated by prefixing *-hi* or *-xi* to the name: *hibov* bull, *xibov* cow.

Esata verbs end in *-a*. In spoken Esata we often stress the final *-a* of verbs to distinguish them clearly from the associated noun form. Verb conjugations were explained previously in some detail. Moods do not have distinct verb forms, but are indicated with the appropriate modal auxiliaries. For negation the word **no** is inserted before the main verb or auxiliary.

English contains a large number of verbs formed by associating a preposition with a short verb, eg get up, get in, get over, do in, do with, come on, come over, which are basically idiomatic. We retain this wealth of useful verbs in Esata, transcribing them as single words, eg. *gehupa*, *gehina*, *gehova*, *duhina*, *duwita*, *kohona*, *kohova*. In the past tense they still may be written as single words, eg. *gedahupa*, *dudawita*, etc.

Esata adjectives and adverbs end in *-i*. Adverbs are distinguished from adjectives only by proximity to a verb. In Esata prepositions end in *-e* but are written without their vowel ending. Most of the rare exceptions to the vowel endings rule in Esata are words which are written with *-o* or *-u* endings, eg. *beko* because, *teru* true. These endings are normally used for proper names, so such exception cases are easy to recognize.

Words of Foreign Origin

Longer personal and place names of foreign origin may be imported into Esata with the characteristic *-o* and *-u* endings suffixed: *Jovano* Giovanni *Berlinu* Berlin. If a name does not comply to the Esata format, then it may be adapted, eg *Hanjeliko* Angelica, or prefixed with the language origin and transcribed, *itanjelika*. Any foreign words may be imported into Esata with or without modifications by prefixing them with a language origin: *udentschuldigung* - German 'pardon', *uspravda* - Russian 'true', *ansurtout* - French 'above all.'

Word Order

In Esata, as in English, the usual word order for simple sentences is: subject-verb-object. If subject and object are pronouns, then the form subject-object-verb may be used. If the object precedes the subject, then a special construction for passive voice of the verb should be used. If the verb precedes the subject this indicates either an interrogative or imperative.

Interrogatives

As in English, there are several ways to ask a question:

- By starting a sentence with an interrogative word: *wu* who, *va* what, *wa* why etc. Following an interrogative word, it is not necessary to invert the order of subject and verb. For similarity with English word order the inversion is preferred: eg. *wehiviko* or better *wevihiko* when will he come, may be used.

- By inverting subject and verb (or auxiliary): eg. *bihe fav klok* Is it five o'clock? *bihigo* is he going? This is often used in case the subject is a pronoun, eg. *yuha* becomes *hayu* in the interrogative, and *wibi* becomes *biwi*. The same scheme applies for the future tenses, *yuvi* becomes *viyu*, and *wivi* becomes *viwi*. The auxiliary can be either in the present tense, *hahigida* has he given? or past tense *hadahigoda* had he gone?

- By using a specific question word of Esata, the most common of which are **bide** is it the..? and **bine** is it a..? and **biteru** (or **bitru**) is it true? There is also the general purpose question word **qe** (ie. question) which at the start of any normal sentence converts it into a question, **qe yu fami?** literally: question - you hungry?

- By using an English colloquial interrogative **hoko** how come, **homu** how much, **wano** why not, etc.

- With any of a set of Esata words formed with the interrogative **va**, including these variants:

vaman what man? (who)
vawey what way? (how)
vawan what one? (which)
vatam what time? (when)
vaples what place? (where)
variz what reason? (why)
vameh what may? (what is allowed)
vakeh what can? (what is possible)
vamin what mean?

Imperatives

Direct imperatives are formed by inverting the verb and subject, **goyu** go! **gowi** let's go! The difference between interrogative and direct imperative is in the intonation in speech and punctuation (exclamation or question marks) in writing.

Indirect imperatives use modal auxiliaries can and should: **yuxugo** you should go, **yumugo** you must go. There are also past and future forms of these: **hixuhagoda** he should have gone, **hivimugo** he will have to go.

Possession

In Esata, possession is indicated by appending the articles **de** or **ne** to the pronoun or noun 'owner' immediately before thing possessed. An exception is **-mi**, which can be used alone for the possessive.

mi has my house
yude bic your bike
yone buk one of my books
wide kah our car
hene piz one of it's pieces (a piece of it)
bebede bal baby's ball
made nid man's need

possessives of the inanimate pronouns are formed in a similar fashion;

yohede my
yuhene one of your

The same method also applies for possessives based on proper names

janode John's
jimone (one of) Jim's

This form may also used to distinguish a member of a group, eg.

yideyu you (of you all)
zedehi he (of them all)
wideyo I (of us all)

The reverse order would indicate the individual's association with others:

yudeyi your group (literally 'your you all')

hideze his group (literally 'his they')

yodewi my group ('my us')

The possessive form may also be used for formal address:

yude dok your professorship

hide juj his honor (the judge)

Table of Correlatives

This table illustrates the noun forms associated with the interrogatives: for example, the first row of the table would translate who – someone – no one – everyone. Although **hu – sowan – nowan – hevwan** can be used, the forms in the table are shorter, and so preferred. Note that the use of **ve** for 'every' does not conflict with the usual interpretation of this syllable 'very', which never occurs before these pronouns.

category	query	some	no	every
person	hu	sohu	nohu	vehu
thing	va	sova	nova	veva
place	wo	sowo	nowo	vewo
time	we	sowe	nowe	vewe
way	ho	soho	noho	veho
reason	wa	sowa	nowa	vewa

Relative Pronouns

A distinctive form for the relative pronouns may be used by appending **-de** to the corresponding interrogative pronouns, thus **vade** which, **hude** whom, **wede** when, **wode** where, **hode** how, **dade** that. The indefinite forms of the relative pronouns append **ne**, eg **vane** one of which, **hune** one of whose, etc. When in English the relative and interrogative forms are the same, in Esata they can be as well, eg **we** and **wede** are both usable.

Contractions

In English, contractions contribute to the succinctness and efficiency of the language: he's, it's, you're, etc, are all very useful forms. Repeated use of **-bi** in Esata is boring, and also for improved similarity to English, we admit a number of contractions: **hiz** he's, **xiz** she's, **hez** it's. *Since **hi**, **xi**, and **he** don't have plurals, these forms are easily recognized as contractions, and give better assonance with English.* We also allow **diz** this is, **daz** that's, and **derz** there's. Note the difference from the plural forms **dis** these and **das** those.

We also allow many of the other usual contractions in Esata: **yom** I'm, **yov** I've, **jur** you're, **yuv** you've, **wir** we're, **wiv** we've, **zer** they are, **zev** they have. These forms can be used as well when the verbs are auxiliaries: **yom go** I'm going, **yov bida** I've been. Also present in Esata are the contractions with interrogatives: **huz** who's, **vaz** what's, **waz** why's, **hoz** how's, **wesz** when's, **woz** where's, as well as a few others, eg **lez** let's.

*These contractions allow Esata to imitate the useful English contractions without actually formally introducing the irregularities of the conjugations to be and to have. Use of these contractions is completely optional, as in all cases the auxiliaries **bi** and **ha** cover all conjugation needs.*

Distinguishing Short Forms from Long Forms

Esata one syllable words are words ending in **-he** which have been abbreviated to one syllable. One syllable words can be written together in many circumstances. This reduces the length of sentences, and allows us to express many common phrases in 'run-on' words. Indiscriminate use of run-on words can cause confusion, so we will try to limit their use to certain combinations of short forms. Here is a suggested set of guidelines:

1. Generally, any single syllable words may be combined into run-on words, but in particular:

- Phrases starting with a personal pronoun eg. **yovihagesosu** I will have to get some soon.
- Phrases starting with an interrogative pronoun eg. **waviyubidu** when will you be doing?
- Phrases starting with an auxiliary **ha, bi, vi, me, ke, mu, ku**, eg. **hayusidaheje** have you seen it yet?

The number of single syllable words written together in a single word is limited to 6 syllables. In case more than six single syllables are taken together, the phrase is split into several run-on words.

2. A non-short form word must be separated from a run-on word which precedes it. Exceptions are past tenses of short form verbs: eg. **yovihageda** I will have gotten, **waviyuhaduda** what will you have done, and possessives of pronouns: **hihahide** he has his, as well as combinations ending in short nouns, eg. **nobidar is not there**, **nenuhat a new hat**. Where **de** or **ne** are used to denote the possessive, they are the last syllable in a run-on word. **zegidahine** they gave him a., **yokesiyude** I can see your..

3. The conjunctions **na, vo, be** can be run-on with another conjunction, a definite or indefinite article, or the word **no**. eg. **navo** and/or **beno** but not.

4. The definite and indefinite articles **de** and **ne** can be written with the words they accompany, even when those words are not short forms, eg. **degaz** the girls, **negem** a game, **hinde** in the, **bayne** by a. Similarly **no** can be written with the word it negates, eg **nonteresi** uninteresting, and the words **tu** too, and **ve** very can be written with the words they modify, **tuleyt** too late, **vesimpli** very simple.

5. Run-on words also may be written in these cases not involving primary list words:

- prepositions followed by a pronoun, **wityu** with you, **hovhe** over it.
- short prepositional phrases, **nidecit** in the town, **hovnehas** over a house.
- direct and indirect object pronouns following the verb, **mekawi** make us, **livahe** leave it.
- possessives with the word modified, **micuz** my choice, **yodexuz** my shoes, **zeneqez** one of their questions.
- verbs whose meaning is modified by a proposition, **holdupa** hold up, **pasova** pass over.
- certain combinations of frequently used verbs, eg. **wonago** want to go, **lezgo** let's go
- whenever the corresponding natural language word is written as a run-on, eg **swicebled** switchblade.
- short and common expressions, eg. **tilnaw** until now, **jebot** just about, **wezdah** when's that..
- short numbers, **tenwan** eleven; longer numbers should be broken into parts: **sesmil sevhun tiytenfor** six thousand seven hundred thirty four

Numbers

The names for the numerals are all two syllable Esata words. Numbers can be expressed by writing them one after the other, or by using a 'polynomial' expression (thousands, hundreds, tens).

zero *zer*
one *wan*
two *tuy*
three *tiy*
four *for*
five *fav*
six *ses*
seven *sev*
eight *het*
nine *nan*
ten *ten* or *wanzer*

eleven *wanwan* or *tenwan*
seventeen *tensev* or *wansev* or *sevtin* (for compatibility with English)
twenty *tuyzer* or *tuyten*
seven hundred and fifty *sevfavzer* or *sevhun favten*
three thousand *tiymil* or *tiyzerzerzer*
fraction point *pun*
fifty four point seven five *favfor pun sevfav*

Ordinal numbers are produced simply by adding *-de* to the end of the number, no special forms are used for first and second.

wande first
tuyde second
tiyde third
fiftinde fifteenth
tiyzerfavde three hundred fifth

Numbers can be written together in run-on words, but not too long. Esata distinguishes -ty from -teen with -ten and -tin. The later form is included only for better assonance with English, it is not strictly required.

Names of the Days

Mande, Tusde, Wesde, Tosde, Frade, Satde, Sunde

Names of the Months

Janru, Febru, Marsu, Prilu
Mayu, Junu, Julu, Hagu
Septu, Hoktu, Novmu, Dismu

12. Foreign Dialects: Italian

Here is a suggested primary meanings list for Italian, a language the author speaks fairly well. The idea is to select simple words readily associated with the syllable sounds. In most cases this was not difficult. Italian phrase words use the prefix syllable *it*, in context usually abbreviated to *i*.

Esata	Italian	English
ba	bacio	kiss
be	bello	beautiful
bi	bici	bicycle
bo	boca	mouth
bu	burro	butter
ca	ciascuno	everyone
ce	celibe	bachelor
ci	citta'	city
co	cio'	that
cu	ciuffo	tuft
da	dare	give
de	debito	debt
di	dire	say
do	dottore	doctor
du	dubbio	doubt
fa	fare	make
fe	felice	happy
fi	finire	finish
fo	foro	hole
fu	fumo	smoke
ga	gato	cat
ge	ghepardo	leopard
gi	gisa	cast iron
go	goffo	clumsy
gu	gufo	owl
ha	ha!	ouch!
he	he!	hey!
hi	hi!	ha-ha!
ho	oggi	today
hu	utile	useful
ja	gia'	already
je	gettone	token
ji	gita	tour
jo	gioia	joy
ju	giu'	down
ka	cadere	fall
ke	che	what
ki	chi	who
ko	coltello	knife
ku	cucire	sew
la	labra	lips

le	leggere	read
li	limone	lemon
lo	logica	logical
lu	luce	light
ma	mafia	mafia
me	me	me
mi	minore	minor
mo	mossa	move
mu	muscolo	muscle
na	nascere	born
ne	nero	black
ni	nipote	nephew/niece
no	noce	nut
nu	nube	cloud
pa	palo	post, pole
pe	peccato	pity, shame
pi	piccolo	small
po	poco	not much
pu	puro	pure
qa	quadro	picture
qe	questione	question
qi	qui	here
qo	cuore	heart
qu	cupo	gloomy
ra	ramo	branch
re	rete	net
ri	ridere	laugh
ro	rotto	broken
ru	rubare	steal
sa	sale	salt
se	secco	dry
si	si	yes
so	soffice	soft
su	su	on
ta	tappeto	carpet
te	te	tea
ti	tipo	type
to	tornare	return
tu	tu	you
va	va	go
ve	vedere	see
vi	vizio	vice
vo	volare	fly
vu	vuoto	empty
wa	uva	grapes
we	vuole	want
wi	utile	useful
wo	uomo	man

wu	urto	shock
xa	sciame	swarm
xe	schemo	dummy
xi	sciare	ski
xo	sciolto	loose
xu	sciupato	used up
ya	'yammo'	let's go
ye	ieri	yesterday
yi	gli'elo	to him
yo	io	I
yu	aiuto	help
za	zanzare	mosquito
ze	zecca	tick
zi	zitto	quiet
zo	zoccolo	hoof
zu	zucca	pumpkin

Now some examples of Italian phrase words based on this primary list. The syllables were chosen at random to show that most of the possible phrase words can prove to be useful or at least, interesting.

isasi	<i>sapere si</i>	know yes eg. know it's true
idove	<i>dottore vedere</i>	doctor see eg. medical exam
imubu	<i>muscolo burro</i>	muscle butter eg. all fat, no muscle
ixavo	<i>sciame volare</i>	swarm flying
imane	<i>mafia nero</i>	eg mafia in mourning
ilase	<i>labbra secco</i>	dry lips
iriso	<i>ridere soffice</i>	laugh softly
ikaro	<i>cadere rotto</i>	fall broken eg. collapse
iqare	<i>cuadro rete</i>	picture net, eg art network
ifalo	<i>fare logica</i>	make logic eg. make sense
iweye	<i>vuole ieri</i>	want yesterday, eg. nostalgia
izazi	<i>zanzare zitto</i>	mosquito quiet
isesa	<i>secco sale</i>	dry as salt

This examples shows how primary lists from other languages may be constructed, and phrase words based on these lists can be invented and enter into regular use in the Esata language. Of course any two given speakers must limit their choice of words to the dialects they both know. In a given area most likely only a local dialect is known, and a few of the phrase words from other dialects which have entered into common usage.

The existence of phrase words from other languages reinforces the personal language aspect of Esata, since any small group of speakers can select foreign source phrase words for use in conversation with little chance of being understood by others. But other people can remember these words and look them up later!

Note that in addition to the phrase words that we can construct from this primary meanings list, there are also plenty of words of Italian language origin in the normal Esata vocabulary.

13. Prefix Syllables Definition

Here is a list of suggested assignments of prefix syllables to the most important natural languages, and to an assortment of specialist dialects. The specialist dialects can be serious eg *medical*, *legal*, or casual and whimsical, eg nonsense, caveman, for new and amusing word creations. Any of these categories can have a complete primary meanings lists which can be used to introduce new phrase words into the Esata language. Half of the entries have been assigned for the world major languages (**bold**), with the remainder for specialist dialects (*cursive*). Some categories are left open to allow users to invent their own dialects (normal text).

Prefix Language/ Specific Dialect

ab	basque
eb	bengali
ib	hebrew
ob	<i>obscene</i>
ub	burmese
ac	<i>nature</i>
ec	chech
ic	<i>stimulating</i>
oc	invented for the occasion
uc	invented for the occasion
ad	<i>advertising</i>
ed	nederlands
id	<i>psychology</i>
od	<i>paranormal</i>
ud	german
af	african (tribal)
ef	<i>informatics</i>
if	<i>hypothetical</i>
of	<i>official</i>
uf	<i>football</i>
ag	<i>aging</i>
eg	<i>legal</i>
ig	<i>engineering</i>
og	<i>network</i>
ug	<i>drug</i>
ah	thai
eh	<i>one liners</i>
ih	marathi
oh	min nau chinese
uh	<i>dumb</i>
aj	Javanese
ej	<i>futuristic</i>
ij	<i>imaginary</i>
oj	<i>caveman</i>
uj	gujarati
ak	cantonese

ek	<i>mechanical</i>
ik	<i>kids</i>
ok	korean
uk	ukrainian
al	latin
el	greek
il	<i>invented languages</i>
ol	polish
ul	<i>culinary</i>
am	mandarin
em	<i>medical</i>
im	<i>military</i>
om	romanian
um	nonsense
an	french
en	english
in	hindi
on	norwegian
un	<i>opposites</i>
ap	panjabi
ep	persian
ip	japanese
op	portugese
up	<i>politics</i>
aq	<i>happenings</i>
eq	<i>mathematics</i>
iq	<i>chemistry</i>
oq	<i>literature</i>
uq	<i>strange</i>
ar	arabic
er	serbo croatian
ir	irish
or	<i>sports</i>
ur	urdu
as	swahili
es	spanish
is	sindhi
os	suomi
us	russian
at	tamil
et	telugo
it	italian
ot	<i>toddler</i>
ut	turkish
av	<i>statistics</i>
ev	<i>everyday</i>
iv	vietnamese
ov	<i>lovers</i>

uv *movies*

aw **hausa**
ew *weather*
iw **swedish**
ow *automotive*
uw **wu chinese**

ax *FAQ*
ex *history*
ix *marine*
ox *biology*
ux *agriculture*

ay **malay**
ey *titles*
iy *it's yours*
oy **yoruba**
uy *utterly yours*

az **azerbaijani**
ez *popular sayings*
iz *business*
oz **aborigine**
uz *music*

Here's an illustration of how to define and use a specialist category, eg. for the prefix *uz*, music, abbreviated to *u*. We might have primary list elements: *ba* bass, *gi* guitar, *li* lead, *re* rhythm, *du* drum, *si* sing, *ko* chorus, *ro* organ, *le* electric, *ne* ensemble, *pa* player, *ke* backup. A traditional rock band might then have the instruments *ubagi*, *uligi*, *uregi*, *uredu*, *ulero*, and members *ulisi*, *ugipa*, *ubapa*, *udupa*, *uropa* and *ukoke*.

Such new phrase words may seem a bit strange on first encounter, but when you are working in the environment, such new words can catch on quickly. In the long run more compact forms of frequently used phrases save time and effort.

14. Considerations on Vocabulary

Esata Vocabulary and Phrase Words

There are about 10,000 two syllable Esata words, and another 10,000 phrase words associated with each primary list. Eventually all of the 100 primary lists can be populated, by natural languages or special jargon (such as medical, automotive, computers, and invented categories). When these lists are populated, Esata will have nearly one million primary list phrase words. An Esata speaker may know only a few primary meanings lists and its associated phrase words, but any time he finds an interesting phrase word from another list he can add it to his personal vocabulary. Secondary list phrase words add four million potentially useful words. Taken together these lists offer an enormous wealth of vocabulary for the Esata language.

With the inclusion of three syllable words, we can transcribe most of the useful English language words into their Esata equivalents, as well as a rich sampling of words from foreign sources. There are about one million possible three syllable Esata words, only a few of them have assigned meanings. Those which are unassigned can be mapped in the future as the language grows, and includes more words from foreign sources.

Clearly the intention is not to define a minimalist language capable of dealing with only commonplace situations. The intention is rather to define a language structure which can support a truly vast vocabulary, much larger than that of any current natural language. Any group of speakers can import vocabulary from their languages, and also use phrase words of their own invention. The kernel of the Esata language will remain common and understandable to all speakers, but each different linguistic group can develop its own variant within the overall framework. This is done by using phrase words from their preferred dialect(s), and by using the standard Esata vocabulary imported from their language.

Any Esata speaker can improve his language skills by incorporating into his working vocabulary foreign source words. Foreign source words are as much a part of the language as the more familiar English equivalents. This is a most effective method for expanding natural language vocabulary. Esata formalizes the process, without having to wait for words to gain widespread usage, a process which can take decades.

Fundamental to Esata are support of slang and street dialects, which are expected to be the first serious use of the language. As it gains in popularity at the street level, it should also begin to attract the attention of the normally curious English speaking public. If the Esata user population begins to grow in the English speaking countries, then the language will start to attract attention as an international auxiliary language.

Esata vocabulary has been obtained by compressing English and foreign source words into more succinct forms with simple pronunciation and spelling. Many four and five syllable words have been reduced to three syllables. Shorter forms are always preferred for the compactness of the language. The intention is also to 'fill the meaning space' by assigning meanings to all the possible sequences of sounds (at least for the shorter words). The combined result is a language in which redundancy has been reduced to a minimum, resulting in a very compact written and spoken language. Compactness or the 'distance' between words is less, making it more important to distinguish between different words. But in Esata, the unique vowel sounds, strict syllabic structure, and elimination of consonant clusters result in an easy to understand spoken language.

Note that Esata does not eliminate or diminish ambiguity in natural language. This is too difficult an issue to address in a constructed language which intends to maintain a high degree of recognition for native speakers. In some cases ambiguity is lessened, but just as often it is increased, for example homonyms (words with the same sound but different spellings) often result in the same Esata word (eg. *stil* means both steel and steal). The author makes no apologies for this, because in spoken English different meanings were already assigned to the same sound, and the spoken language determines the degree of overlap in the meaning space. Our ability to deal with this ambiguity in natural language means that we can deal with it in Esata just as well.

15. Conclusions

Whether Esata, or something else, will eventually be adopted as basis for an international standard simplified English language remains to be seen. The author hopes that many of the ideas used in its construction will be carried forward into the new international creole English that will eventually emerge. Hopefully Esata will at least 'catch on' at street level, and develop into a widely used dialect in the English speaking countries.

Esata is a quick route to basic English for hundreds of millions of non native speakers who need to acquire a working knowledge of the language in a short time. By learning the primary list and a small amount of practical vocabulary, and then practicing with that language kernel, practical fluency in a near English dialect can be gained. After such experience, formal English will prove much easier to approach and master.

It was important to base this new language on English, while importing lots of foreign words. Also important was to define a method by which new vocabulary can be defined by its users and come into usage quickly. In Esata all these design objectives are met. In addition, the Esata phrase word concept is able to accommodate a great variety of both natural language and specific technical dialects within the framework of the language.

The author hopes that those interested in both natural and constructed languages will find Esata worth learning, or at least learning about. Contributions are solicited from native speakers of the world's major languages, to help extend the Esata vocabulary lists, and also to suggest definitions for the various primary meanings lists. Anyone interested in collaborating in the ongoing definition and promotion of Esata language is encouraged to contact the author at the Email address indicated at the end of the book.

Appendix A. Example Texts in Esata

Now we present a few example texts, with translation. Esata is intended to be used as a spoken personal language, so most of these are typical conversations that you would expect to hear at street level.

Dlog wan: Jono na Jeno

ca jono

hi John

ca jeno, hobiya?

hi Jane, how are you?

yobigu, naya?

I'm good, and you?

gutudank, vayubidu?

good too, thanks, what are you doing?

yobida teka brek fom studa.

I was taking a break from studying.

mitu, fila mihed gobu.

Me too, feel like my head is going to explode.

Sem witmi. Yola lera be jenefew horz het netam.

Same with me. I like learning but just a few hours at a time

Ye, yura. zovayu godu naw?

Yeh, you're right. So what are you going to do now?

Nosa, ti mebi goni decit.

Don't know, think maybe go in the city.

Ni decit, wano? Wonago togeti?

In the city, why not? Want to go together?

Ya, lezgo. Hirz jedebus, hayu netik?

Yeh, let's go. Here's just the bus, have you a ticket?

Nohane, hayune sper?

Don't have any, do you have a spare?

Tizo lemi ceka, ye hane.

Think so, let me check, yeh have one.

hok, weke geni. Peyu nekof ni decit, yohasodo.

OK we can get in. Pay you a coffee in the town. I have some money.

Dis sitz bi feri. Yu wona dewen?

These seats are free. You want the window?

Yu sita dar. Yusa, bihepi siyu tud.

You sit there. You know, I'm happy to see you today.

Rili? mitu bi hepi renita yuladi.

Really? Me too, happy to run into you like this.

Ya, fayuwona, wike studa togeti haft.

Yes, if you want, we can study together after.

Notu lati tow, yomu pasa da tes frade.

Not too late though, I have to pass that test Friday.

Yuvi pasa he, no wera.

You will pass it, don't worry.

Mebi wikuduso drilz hes wigo nito tawn.

Maybe we could do some drills as we are going into town.

Va, brinda yude buk wityu? Lemi haw debus!

What, did you bring your book with you? Let me out the bus!

je kida, yuxuha sidayude fac!

Just kidding, you should have seen your face!

Dlog tuy: Jimo na Wano

jimo, bidayu?

Jim, is that you?

Wano, yudama.

Juan, you're the man.

Vahup ma?

What's up man?

Note, je xuta so hupz.

Nothing, just shooting some hoops.

Yugobi dar tomar?

You going to be there tomorrow?

Yubeta yogobi dar, daz fomi vebigi dey.

You bet I'm going to be there, that's a very big day for me.

Ya, fayudugu yubiko nekayikin.

Yeh, if you do good you become a street king.

Kayikinz, demogu klan ni decit.

Street Kings, the best gang in the city.

Wi rula di par fa detawn, nohuse difi.

We rule this part of the town, nobody says different.

Be novehu gebi ne kin, jedebes.

But not everybody gets to be a King, just the best.

Yo wonabi wan fadebes, dawayo wonabi nekin.

I want to be one of the best, that's why I want to be a king

Yu gata xoyude stuf, he nogobizi.

You got to show your stuff, it's not going to be easy.

Yu gata bi tofi nayu gata bi smari.

You got to be tough and you got to be smart.

Ya, lazese, suva ni decay yunida bof.

Yeh, like they say, to survive in the street you need both.

Biko nekin, ewanteh, yumuta delang.

To become a King, first thing you must talk the language.

Yema, yobi werka da, hal detam.

Yeh man, I'm working that all the time.

Beyuke hredi tagu Esata, yubi lera fasi.

But you can already talk good Esata, you're learning fast.

Nobi tuhari pikupa, beyo nida prak spika.

It's not too hard to pick up, but I need practice speaking.

Daz va wita halde tam, hebiwide persi lang.

That's what we talk all the time, it's our personal language.

Yotidabi zoqu ha yuyede persi lang.

I think that's so cool to have your own personal language.

No soli da, wihatu nespexi dlek fode kinz.

Not only that, we have also a special dialect for the kings.

Yude dlek nobi pat fa Esata?

Your dialect isn't part of Esata?

Norili, ni Esata vehu ke dfina hixine dlek.

Not really, in Esata everyone can define his/her own dialect.

wiha wiyede wodz for lotz tez, da nohu lel ke kapa.

We have our own words for lots of things, that no one else can understand.

Wonz yu bi ni dekinz wigoxoyuda.

Once you're in the Kings we're going to show you that.

Noke weta tilden.

I can't wait till then.

Dlog tiy: Tomo na Debreno

Skuzami, yoyu hovhirda taha Esata, wula jonina, fahez hok wityu?

Excuse me, I overheard you talking Esata and would like to join in, if it's OK with you?

Xur, yubi welki. Vaz yude nem?

Sure, you're welcome, what's your name?

Yom Tomo, nayu?

I'm Tom, and you?

Yoye kala debreno.

I'm called the brain.

Mubifoyude telgen.

Must be for your intelligence.

Norili, bida miga hude gidami denem.

Not really, it was my girl who gave me the name.

Gaz bigu fogiha yu nedifni eyosi

Girls are good for giving you a different self image.

Ya, yuzli nemo sili eyosi

Yes, usually a sillier self image.

Lezno stara tabota gaz, ze breka mihed.

Let's not start talking about girls, they break my head.

Sem witmi, note be trubz, mosfa detam.

Same with me, nothing but troubles most of the time.

Hokoyu tazogu Esata?

How come you talk so good Esata?

Nekid het deskul bida spika he na gedami nteresi.

A kid at school was speaking it and got me interested.

Husli hapina lada, da bida hoyotu bginda.

Usually happens like that, that was how I began too.

Hofi yogoside ewebstat fode Esata lang, daz nteresi tu.

Often I go see the website for the Esata language, that's interesting too.

Ya, de ksazez fo traslet bi ewotduh, yo lera lotz fanu wodz dawey.

Yes, the exercises for translation are worth doing, I learn lots of new words that way.

Yo fana dade beste bi mekupa kovesexn naden raytahe.

I find that the best thing is making up conversation and then writing it.

Dazgu, yov je terad praka dlogz fomde ewebstat.

That's good, I've just tried to practice dialogs from the website.

Ya, lera nelang bi difkuli, be Esata mubi demoszi lera lang fazehal.

Yes, learning a language is difficult, be Esata must be the easiest to learn language of them all.

Hewubi somu ber fiyohada sohu yokuta wit hettamz.

It would be so much better if I had someone I could talk with at times.

Hayuno frinz huketa Esata?

Do you not have any friends who can talk Esata?

No, yovbi lerahe miye, nayu?

No, I've been learning it on my own, and you?

Honli wituy, wiwula hamo pipl wihuta.

Only we two, we would like to have more people to talk with.

Mebi wiku mitgena sowe na tasomo.

Maybe we could meet again sometime and talk some more.

Yowula dat. Hirbi mifonnum. Satd biqi, semtam.

I'd like that. Here's my phone number. Saturday's I'm here, same time.

Dlog for: Bobo na Karo

Bobo, jedema yo wonda si.

Bob, just the man I wanted to see.

Ca Karo, tida mebi fanayu nidemal.

Hi Karl, thought maybe (I'd) find you in the mall.

Yohage hawdehas het temz.

I have to get out of the house at times.

Mitu, sidayu debigi mec elasnoc?

Me too, did you see the big match last night?

Yu ber blifa misidahe. Vane ftasi gem!

You better believe I saw it. What a fantastic game!

Yo tida de wolvez hada winda het ehaftem, bede tigz kobekda nide fnali mintz.

I thought the wolves had won at halftime, but the tigers came back in the final minutes.

Ya, wane greti gem, wan fadebes.

Yeh, what a great game, one of the best.

Ber fayu, yubine tigi fan.

Better for you, you're a tiger fan.

Xur, bede wolvez kuha winda tu, zebida eheshguh detigz.

Sure, but the wolves could have won too, they were as good as the tigers.

Fe honli zenohada lusda debal nide lasi momez, da kosda degem.

If only they hadn't lost the ball in the last moments, that cost the game.

Wel, daz va hepda mifrin, na ven yukeno cenjahe.

Well, that's what happened my friend, and even you can't change it.

Lez notamo bothe. Lezgo bera nebir togeti, yope.

Let's not talk more about it. Let's go drink a beer together, I'm paying.

Dazra, yupe, dabi degrim. Tiyoviha wan fadas kari portadi birz.

That's right, you're paying, that was the agreement. Think I'll have one of those expensive imported beers.

Ya, yope de fers ron, de hoterz yukepe.

Yeh, I pay the first round, the others you can pay.

Jewan bir vibi nof fomi, pu nesrir hon mifac.

Just one beer will be enough for me, to put a smile (sourire) on my face.

Yubi srira sinz lasnat frin, nonida bir foda, be hinwy kolonga, lezgo.

You're smiling since last night friend, you don't need beer for that, but anyway come along let's go.

Lezgo tode bloti tod, zehade pecerz fabir het honli favdalz.

Let's go to the bloated toad, they have the pitchers of beer at only \$5.

Vabot yudeta bot baya ne kari portadi bir?

What about your talk about buying an expensive imported beer?

Yosedada jesiya muva yudehan proteka yude edolu.

I said that just to see you move your hand to protect your wallet.

Tiladi, yuge favdalz fommi, ke spinahe hon wan kari bir vo fav cipi wanz.

Think like this, you get five dollars from me, can spend it on one expensive beer or five cheap ones.

Dazno problem cuza fone brili matmat lami.

That's no problem choosing for a brilliant mathematician like me.

Yotida yubida studn fade plitiki sans na hist.

I thought you were a student of political science and history.

Dazra, be wit nespex ni bir hkont.

That's right, but with a specialty in beer accounting.

Dlog fav: Nide resteran

Va kand cu yufila cuha?

What kind of food do you feel like eating?

Yola cinesi, nayu?

I like Chinese, and you?

Mitu, benotu hofi, na jelasi satd hada so.

Me too, but not too often, and just last Saturday I had some.

Derz de mesiki ples raqi, wona trayahe?

There's the Mexican place right here, want to try it?

Wuno mayna be yo vewe yita tumuc mesiki, den noslipa gu.

Wouldn't mind but I always eat too much Mexican, then don't sleep well.

Wel wikugo tode sifud resteran. Fila yita sifud?

Well we could go to the seafood restaurant. Feel like eating seafood?

Yokugo fone bekda fix plet, dazgu nano kosa tumuc. Hobotyu?

I could go for a baked fish plate, that's good and doesn't cost too much.
How about you?

Yola de mixi sifud platr wit sofa hevte, tune gudil.

I like the mixed seafood platter with some of everything, also a good deal

Hok, hez sifud den, legohina. lediz fersi.

Ok, it's seafood then, let's go in. Ladies first.

Hune lediy? Yobinewu, nane rilwan tu!

Who's a lady? I'm a woman, and a real one too!

Yubigimi negran haptit. Wona sita qi?

You're giving me a grand appetite. Want to sit here?

Das fayni, jenosita woyukesi detivu.

That's fine, just don't sit where you can see the TV.

Nowerya, yonogoge disraki.

Don't worry, I'm not going to get distracted.

Note disraka maz la negem hontivu.

Nothing distracts men like a game on TV.

(de wayres hrava)

(the waitress arrives)

Biyi redi horda?

Are you ready to order?

Ya, wi wona wan grilda fix plet na wan sifud platr, wit tuy midi drafi birz.

Yes, we want one grilled fish plate and one seafood platter, with two medium draft beers.

Yu pfera wit bekda ptat vo frayz?

You prefer with baked potato or fries?

Bekda ptat, dankyi.

Baked potato, thank you.

Yovi brina yude drinz rawey, yude fud vibu redi nibot favtin mnutz.

I'll bring your drinks right away, your food will be ready in about fifteen minutes.

Sona gu. Wir bot hungri, zo nomekawi wayta longi!

Sounds good. We're both hungry, so don't make us wait long!

Halda fud smela zogu. Zehal gatda sifud platrez, luka nas.

All that food smells so good. They all got seafood platters, looks nice.

Duno speka migiyu pat fayode sifud platr, bitu hungeri tobi genrusi.

Don't expect me to give you part of my seafood platter, I'm too hungry to be generous.

Den duno spekami leyusi huz wina degem hontivu.

Then don't expect me to let you see who's winning the game on TV.

Dlog ses: Nidexa

Wona godona todexa witme tud? Hagenenu per fajens.

Want to go down to the shop with me today? Have to get a new pair of jeans

Yono mayna gotodexa wityu, be yoyusa nawe yugoxa yu pasa eholdey der.

I don't mind going to the shop with you, but I know you and when you go to the shop you pass a whole day there.

Be daz weyobi loni. Feyugo witmi yovibi qiki, yo pramsa.

But that's when I am alone. If you go with me I'll be quick, I promise.

Yu gata se homuc tam yugoha spena der.

You've got to say how much time you're going to spend there.

halra, hez jegoteka wanhor. Dazhok wityu?

All right, it's just going to take one hour. That's OK with you?

Yu sprazami sotamz. Feyu finxa ni tuyhorz hez vegu.

You surprise me sometimes. If you finish in two hours it's very good.

Hok, lezgo den. Yuke drava.

OK, let's go then. You can drive.

Ya, yom deber dravr yusa.

Yes, I'm the better driver, you know.

Vayosa na vayuti bi tuy difni tez.

What I know and what you think are two different things.

(Zegetodexa)

(they get to the shop)

Naw yu jegotode wude pat, nawivi mitupa rahir het tenwan horz, hok?

Now you just go to the woman's part, and we will meet up right here at eleven o'clock, OK?

Daznok, yotida yukoda witmi hepmi cuza so naztez.

That's not OK, I thought you came with me to help me choose some nice things.

Yofi sili nidewude sepxun. Yuyego, yogo cekota de sporti guhz.

I feel silly in the woman's section. You go by yourself, I'm going to check out the sporting goods.

Jekowitami cuza per fajins, dazhal.

Just come with me to choose a pair of jeans, that's all.

Wiwuha pastuha de linji sepxun, yonola gohina dar.

We'd have to pass thru the lingerie section, I don't like going in there.

Yuno wonami hepayu cuza nenu ewamsut voso erehxuz?

Don't you want me to help you choose a new warm up suit or some running shoes?

Dazhok, yokedu miyexa. Yosavayola beya.

That's OK, I can do my own shopping. I know what I like to buy.

Den wikexo hico vawi bayda wewige hom.

Then we can show each other what we bought when we get home.

Dazhalra, je nospena tumucdo nidexa, wi hals gata pe debilz yusa.

That's all right, just don't spend too much in the shop, we also gotta pay the bills, you know.

Fakors yosa, noweriha. Siyu ninehor. bay.

Of course I know, don't worry. See you in an hour. Bye.

Biyuno fgeta sote? Gimine kis, bay.

Aren't you forgetting something? Give me a kiss, bye.

Dlog sev: Honderod (1)

Yu redi togo xuh? Gata vete togeti?

You ready to go dear (choux)? Got everything together?

Yotizo, lemi ceka milist fatez todü.

I think so, let me check my list of things to do.

Yubi vewe zogu horgani. Yo nevr rayta dawn tez layudu.

You are always so well organized. I never write things down like you do.

Wel wans yo livda fone longi trip, na haft nehafhor, yo rilazda da

yohada livda mi edolu withal mido hethom.

Well once I left for a long trip, and after a half hour, I realized that I had left my wallet with all my money at home.

zo naw yu vewe meka yudelist.

So now you always make your list.

Ya be yo stil liva tez behan.

Yes but I still leave things behind.

Daz gu, bkas derz norum nidekar fovete yuha.

That's good, because there's not room in the car for everything you have.

Yu vewe gatabi dekemijn dunoyu?

You always got to be the comedian don't you?

Nedey wito laft bi nedey witomi.

A day without laughter is a day without me.

Fotuni dekonves bino teru. Hok, lezgo.

Fortunately the converse is not true. OK, let's go.

(hafhor layti) a half hour later

Yusa, yofi xuri dayoha fogetda sote mpori

You know, I feel sure data I have forgotten something important.

Wayuno xeka wit yudelist fatez yu livda bhan?

Why don't you check with your list of things you left behind?

Yu nevr go stapa joka witmi, mist kemijn?

You never going to stop joking with me, mister comedian?

Noles yohane haksedn na breka mi funibon.

Not unless I have an accident and break my funny bone.

Hoh, yo memba va bida livda bhan - mi nu srawhat.

Oh, I remember what was left behind - my new straw hat.

Daz traji wigata turona nagehe, ven fehe mina lusa tuyhorz.

That's tragic, we got to turn around and get it, even if it means losing two hours.

Yo pudahe hontap fadeklos zo dekat wuno pleya withe, den fogetda bothe.

I put it on top of the closet so the cat would not play with it, then forgot about it.

Yumubi hovkom wit grif.

You must be overcome with grief.

Rilif rili, yoha fini membad va yohada fogetda.

Relief really, I have finally remembered what I had forgotten.

Yoti mebi wuhabida ber fogeta va yu fogetda - sima mo lojiki.

I think maybe it would have been better to forget what you forgot - seems more logical.

Hinwey yovije baya nuwan we wige der.

Anyway I'll just buy a new one when we get there.

Naw dazne wude logik foyi.

Now, that's a woman's logic for you.

Dlog het: Honderod (2)

Yu goha filupa wit gas su? Yohagoto debatru.

Are you going to fill up with gas soon? I have to go to the bathroom.

Feyo hada filupa hevr tam yuhagoto debatru, yoxu drava tank truk stedfa nekar.

If I had to fill up every time you have to go to the bathroom, I should drive a tank truck instead of a car.

Qibine gas stexn, yuke stapa hir.

Here's a gas station, you can stop here.

Nosi hini batruz, munohane.

Don't see any bathrooms, must not have any.

halde gas stexenz gata batruz, slodona!

All the gas stations have got bathrooms, slow down!

Tuleti wipahenu

Too late, we're past it now.

Feyuno stapa su, yogoduhe raqini yudekar.

If you don't stop soon, I'm going to do it right here in your car.

No, weyta, yovi stapa ranaw nayukeduhe bayderod lanema.

No, wait, I'll stop right now and you can do it by the road like a man.

Yonokeduhe lanema, yonoha demade priviparz.

I can't do it like a man, I don't have a man's private parts.

Wayu vewe telami tez yosa hredi?

Why are you always telling me things I know already?

(hafhor lati) half hour later

Nuyofi ber, vane relief, de waytez famiyayz bida torna joni.

Now I feel better, what a relief the whites of my eyes were turning yellow

Haft deksay fode fogetda hat nade spelodi blad, nemomt fakam.

After the excitement of the forgotten hat and the exploding bladder, a moment of calm.

Yobi gled wi fini geda hawdehas nabi teka netrip sowo.

I'm glad we finally got out of the house and are taking a trip somewhere.

Ya, yode brod gobi sprazi wehisiwi het hidedor.

Yeh, my brother is going to be surprised when he sees us at his door.

Va, yuno fondahi? Hinosada wikoha?

What, you didn't phone him? He doesn't know we're coming?

Yo fondahi bot newik bek, seda mebi tifako, noxuri.

I phoned him about a week back, said maybe think of coming, not sure.

Vafehino der? Wi mekda forhor trip fonote?

What if he's not there? We made a four hour trip for nothing?

Hexubi der, hinogo haw muc, lisno riseni.

He should be there, he doesn't go out much, least not recently.

Yokeno bliva yude kopliti lak faplantz.

I can't believe your complete lack of plans.

Yo fana da plana meka layf bori. Yo nevr dumo dan nesri.

I find that planning makes life boring. I never do more than necessary.

Wel yoti dehopset, da nomuc hapena lesyu plenahe.

Well I think the opposite, that not much happens unless you plan it.

Wibinunine bigi discuss, wan daku lasa nelayftam.

We are now in a big discussion, one that could last a lifetime.

beyuwuno planhonahe.

But you wouldn't plan on it.

Yugata minumr beb.

You've got my number, baby.

Dlog nan: Honderod (3)

Fe yudebrod nobidar yuke baymi nenuhat. je telmi wewigedar.

If your brother isn't there, you can buy me a new hat. Just tell me when we get there.

Wibiqi, zodeqebi, hokeqibiqa?

We are here, so the question is: how can here be there?

Miflosofr fadebesurb.

My philosopher of the absurd.

Yumu hmeta da hir kenobi der les hir na der bide sem.

You must admit that here can't be there unless here and there are the same

Yonosi woyubigo, beyokesi hoyugedar.

I can't see where you're going, but I can see how you get there.

Befe qinaqa bide semte, wawiha difi wods?

But if here and there are the same thing, why do we have different words?

Ndid, waha wodz hethal? Bino sahe neform fa hignor?

Indeed, why have words at all? Isn't knowledge a form of ignorance?

Fakors yura, bevayosebi mucmo profoni. Hirhez - fe qinaqa bide sem, co sparexn bitwi hini tuytez, zo deholi yuniv klapsa nitowan pont, na hal higsis stapa higsisa.

Of course you are right, but what I'm saying is much more profound. Here it is - if here and there are the same, there is no separation between any two things, so the whole universe collapses into one point, and all existence stops existing.

Sili mi, tilnaw biti wixu jebot bider.

Silly me, until now I've been thinking we should just about be there.

Fortuni der bida nehenxi Grik hu wans provda hez mposbeli hev gewo wigoha.

Fortunately there was an ancient Greek who once proved it's impossible ever to get where we're going.

Ven de griksz muda sowe throwupa.

Even the Greeks sometimes had to throw up.

Woyu ridada?

Where did you read that?

Yonoridada, yo mekupdahe.

I didn't read it, I made it up.

Yo reknaza disrit, wibi jebotdar.

I recognize this street, we're just about there.

Yotida dabida kompliti mposbeli.

I thought that was completely impossible.

Dibiqi hidehas, lesi fehiz hom.

This is his house here, let's see if he's home.

Mebi hi stapda hegsisa weyu dravupda.

Maybe he stopped existing when you drove up.

Derz nenot hondedor, hohno, hesehi livda gosi hidebrot!

There's a note on the door, oh no it says he left to go see his brother.

HaHa li brot, prilu fulde, gatayugu!

Ha Ha little brother, April's fool's, got you good!

Hez noprilu, nayu nofulami, sidayu hadi bhandedor.

It's not April, and you didn't fool me, I saw you hiding behind the door.

Yohane prilu fulde yir, none dey. Beko nidehas, yutu toto.

I have an April fool's year, not a day. But come in the house, you too little brother.

Manlog wan: Wamigodu tud?

Hez satd, vamigodu tud?

It's Saturday, what am I going to do today?

Tunat dabi degem hontiv, nowona misa da.

tonight there's the game on TV, don't want to miss that.

Fede tigrez wina, zevibi nidefinalz. Dawubi greti.

If the tigers win, they will be in the finals. That would be great.

Yovi wera mitigri xir nekep, daxu brinaze guluk.

I'll wear my tiger shirt and cap, that should bring them good luck.

Nide hafnun yowona gofo nejog.

In the afternoon I want to go for a jog.

Yomuki trena feyogobi niguxep wede futbol sisn komica.

I have to keep training if I'm going to be in good shape when the football season starts (cominciare).

gatare hetlis favklomz naden duso hintevalz.

Got to run at least five kilometers and then do some intervals.

Dimor yoku klinupa dehapar, benofimu laduhe.

This morning I could clean up the apartment, but don't feel much like doing it.

Yovipuso hodr nimikloz nawaxa yesdede dixz.

I'll put some order in my clothes and wash yesterday's dishes.

Yonogo swipupa vo vaka, lis notud.

I'm not going to sweep up or vacuum, at least not today.

Lonhes deples nosima tumesi, dabide menteh.

As long as the place doesn't seem too messy, that's the main thing.

Yogata klinupa dapal fepapirz na bukz hondetabl firs.

I've got to cleanup that pile of papers and books on the table first.

Haft gonage dreza, ber xeva tu, luka lane klox.

After go and get dressed, better shave too, look like a bum (clochard).

Den godona konah na geso brefas.

Then go down (to the) corner and get some breakfast.

Nebigi plet fa srambi hegz na tost wit kaf.

A big plate of scrambled eggs and toast with coffee.

Dan mebi rida depapr, venfe derzno munuz disdez.

Then maybe read the paper, even if there's not much news these days.

Yosava, yokuteka debic na gohova todepark waca de futbol prak.

I know what, I could take the bike and go over to de park to watch the football practice.

Mi hodi tim gobi srongi diyir, ze gata sogu plerz fodenu sisn.

My old team are going to be strong this year, they've got some good players this season.

Mebi yoku kala fedo nasife hiz nodu sova, wiku mitupa nidepark.

Maybe I could call Fred and see if he's not doing something, we could meet up in the park.

Yomuge hawdehas, duno wona je steya hom waca tivu.

I have to get out of the house, don't want to just stay home and watch TV.

Fe fedo noha hotr plenz wiku mebi goto depub si degem dar tonat.

If Fred doesn't have other plans maybe we could go to the pub to see the game there tonight.

Wel feyoduda hal, dazjebot edeyfol.

Well if I do that all, that's just about a day full (of things).

Manlog tuy: ehommek

Dirmi, darbi tumeni tez yo gatadu tud.

Dear me, there are too many things I've got to do today.

Waxa dekloz, hagaze draha, hrana deklini kloz, puze nideklaz

Wash the clothes, hang them to dry, iron the clean clothes, put them in the closet.

Pikupa dekedz hetskul na tekaze tode bertdey fest kros tawn.

Pick up the kids at school and take them to the birthday party cross town.

Dan kuka dinr. Vawigo yita? Wihada spaget lasnat,

Then cook dinner. What are we going to eat? We had spaghetti last night.

mebi tunat kuha fix witris na vegz.

maybe tonight could have fish with rice and vegetables,

ber stara tawa de fix hredi.

better start thawing the fish already.

Feyo livahe haw dekat go yitahe foxe, ber kovupahe.

If I leave it out the cat's going to eat it for sure, better cover it up.

Wobi dekat niwey, hanosidahi fohorz.

Where is the cat anyway, haven't seen him for hours.

Dekidz muda ledahi hawsad, lesi fehiko weyo kala.

The kids must have let him outside, let's see if he comes when I call..

Qiqi kito. Dayubi yugofonote eharbal, ko nidehas nage yudemelk.

Here, here kitty. There you are, you good for nothing hairball, come in the house and get your milk.

Hoh, daz defon, yoko, yoko.

Oh, that's the phone, I'm coming, I'm coming.

Nore twin mifit kato, voyogiyu nekik foxe.

Don't run between my feet kitty, or I'll give you a kick for sure.

Helo, ca melo sava? Ya dugu, solo yozo bizi, noha tam xeta folong.

Hello, hi Emily how are you (ca va)? Yes, doing good, only I'm so busy, don't have time to chat for long.

Ya halde kidz bi difkuli sowe, ementeh bi noleze meka trubz fo hotr pipi.

Yeh, all the kids are difficult sometimes, the main thing is don't let them make trouble for other people.

Yodeboz spena hal zede feritam pleya sporz, zebitu tardi gohawa meka trub.

My boys spend all their free time playing sports, they're too tired to go out and make trouble.

Ya, yosa wixusi hico mo hoft, darbi zomeni tez tod, keno kipupa wit mifrinz.

Yes, I know we should see each other more often, there are so many things to do, cannot keep up with my friends.

Yowulo koto yudehas Frad vniy. Bepilemi ceka firs wit hebo fe hiz feri.

I would love to come to your house Friday evening. But please let me check first with Abe if he's free.

Yovi kalbekayu nibot hafhor na telyu fewikeko, hok?

I'll call you back and tell you if we can come in about half an hour, OK?

Zo gled yu fonda melo, na dank foyude vitx. Zo nas tawitayu, cus.

So glad you phoned, Emily, and thanks for your invitation. So nice talking with you, bye (tchuss).

Naw vabidati? Ya, veva yohadu. Dirmi darbi tumeni tez.

Now what was I thinking? Yes, everything I have to do. Dear me there are too many things.

Manlog tiy: bekto skol

Bekto skol, ma hegobi tof ditam.

Back to school, man it's going to be tough this time.

Jewanmo yir naden gubay redbrik skolhas.

Anyway one more year and then goodbye red brick schoolhouse.

Gubay meriku hist, jomtir, na hengelu litetur,

Goodbye American history, geometry, and English literature.

gubay jim, na taw fatz nidexar,

Goodbye gym, and towel fights in the shower,

na doz tupi bonhedz vewe pleya praki jokz,

and those stupid boneheads always playing practical jokes.

feyo nev size hagn hez tusu.

if I never see them again it's too soon.

Gubay weya nilayn folunx, na goha halde enbide simbliz,

Goodbye waiting in line for lunch, and going to all the

big-dumb assemblies,

na veki Miz Srit tela vehu nota nidehalz.

and old (vecchio) Mrs. Street telling everyone not to talk in the halls.

na gubay tode haky tim woyohakida benx xodi fo tuy longi yirz.

and goodbye to the hockey team, where I've kept the bench warm (chaud) for two long years.

Yoxunohada pleyda les zeledami stata.

I shouldn't have played unless they let me start.

Na gubay Viko miteru lo, huje wona bi frinz.

Goodbye Vicky, my true love, who just wants to be friends.

Vayo wonda bine emiga none frini ga.

What I wanted was a girlfriend, not a friendly girl.

Ya wel, hini kand fega berdan nofrin, yo spoza, mebino.

Yeh, well, any kind of girl is better than no girl, I suppose, maybe not.

Yoxinogoti, wixa yowunoti botxi.

I'm not going to think about her. I wish I would not think about her.

Zomenitez nora, tez yo wonad difri, zomenitez.

So many things not right, things I wanted different, so many things.

Nosafeyoke teka hnoti yir fa halda trub, vane west fatam.

Don't know if I can take another year of all that trouble,
what a waste of time.

Beden, vanobi newest fatam? Serti steyhoma nobiber.

But then, what isn't a waste of time. Certainly staying home isn't better.

Niwey, bi halmosdar. Hoh Ja, qiwigo.

Anyway, am almost there. Oh God, here we go.

Hoh no, daz viko vamixigose?

Oh no, that's Vicky, what am I going to say to her?

Ca viko, vane spraz, honas siyu, hobigo vete?

Hi Vicky, what a surprise, how nice to see you, how's everything going?

Hobida yudezom, yuhada nasi vekexn? Layude drez, hez priti.

How was your summer, you had a nice vacation? Like your dress, it's pretty

Mebi wivihaso klaz togeti diyir, yowulada.

Maybe we will have some classes together this year, I would like that.

Wona waka togeti na xera de lasi prexi mintz fafrid?

Want to walk together and share the last precious minutes of
freedom?

Manlog for: Esata Prestexn (1)

Ca vehu na welka todi prestexn honde Esata Lang.

Hello everyone and welcome to this presentation on the Esata language.

Hebi nenu lang ventad jene few yirs hago bey nema nemda Pafu.

It is a new language invented just a few years ago by a man named Pafu.

Esata bine simpli verx fa hengelu, wic bi vezi lera.

Esata is a simple version of English which is very easy to learn.

Heha regli spel na vesimpli gramat.

It has regular spelling and very simple grammar.

Hebida desanda fo tuy difni kandz fapipl.

It was designed for two different kinds of people.

Firs fodas hude nida keta benoha tam studa fomli hengelu.

First for those who need to be able to talk but don't have time to study formal English.

Dis pipl viketa Esata qiki, na haft spikahe fowayl,

These people will be able to talk Esata quickly, and after speaking it for a while.

hevibi vezi den foze kigo lera fomli hengelu.

it will be very easy then to keep going and learn formal English.

Be fokz huje wona ta hok withico nidi

But folks who just want to talk OK with each other in this

vezi dlek fa hengelu ke steya withe na kigebera.

very easy dialect of English can stay with it and keep getting better.

Haft so spirenz zexuketa hals wit normi hengelu spikz.

After some experience they should also be able to talk with normal English speakers.

De hotr kand fapipl fohu Esata bi mekda bi pipl hude spik gu hengelu,

The other kind of people for whom Esata was made are people who speak English well,

behuwula hazede personi lang. Sins mos pipl vinoso Esata,

but who would like to have their personal language. Since most people will not know Esata,

defew hudu viketa togeti be dehotz vinoke capa.

The few who do will be able to talk together but the others will not be able to understand (capire).

Mebi dehotrez vi capa sotez, beles zesa Esata, zenogoge tumu fahe.

Maybe the others will understand some things, but unless they know Esata, they aren't going to get too much of it.

Esata hals ha loti wodz fom farni langz,

Esata also has lots of words from foreign languages,

nifaq praki halde hengelu wodz viha wan vomo farni qivlenz.

In fact practically all the English words will have one or more foreign equivalents.

Layukese layf, vo vit vo vid.

Like you can say life, or 'vita' or 'vida'

Yekese geha vo prena vo konsiga.

You can say get or 'prendre' or 'conseguir'

Das wodz kofo hitalu, fransu, na spanyu, be darbi hals wodz

fom ducu, nedelanu, rusu, ven cinesu na japanu.

From German, Nederlands, Russian, even Chinese and Japanese.

Manlog fav: Esata Prestexn (2)

Hnot ntersi te bot Esata bi hede yus fa fres wodz.

Another interesting thing about Esata is its use of phrase words.

Dis bi wodz mekupda fom puha tuy xori wodz togeti.

These are words made up from putting two short words together.

La stedfa se nebigi mane yukese enbima.

Like instead of saying a big man you can say **enbima**.

De min fade fres wod kofoma deminz fahede silebz.

The meaning of the phrase word comes from the meanings of its syllables

De prefis sileb stanfora delang, hir 'en' fo hengelu.

The prefix syllable stands for the language, here 'en' for English.

Di fres wodz konsep meka he vezi fopipl nvena nu wodz na yusaze,

This phrase words concept makes it very easy for people to invent new words and use them,

Venzo hoti pipl xuke kapa vazese, lis haft li prak.

Even so other people should be able to understand what they say, at least after a little practice.

Esata ha lotz wodz fa farni langz, be halzo hic farni lang keha hede hon dlek.

Esata has lots of words of foreign languages, but also each foreign language can have its own dialect.

Dibiduda bay dfana nenu set faminz fode prami silebz fo hic difni farni lang,

This is done by defining a new set of meanings for the primary syllables for each different foreign language.

De farni dlek bije defres wodz mekda wit das nu minz.

The foreign dialect is just the phrase words made with those new meanings.

Hic nu set fa hun xori wodz ginenu dlek fa tenmil fres wodz.

Each new set of hundred short words gives a new dialect of ten thousand phrase words

dar bi dlekz fo tekni na spexi katgerz tu, nasoda yuke dfana yuye.

There are dialects for technical and special categories too, and some that you can define yourself.

Ni Esata yukese pipelde nemz na ples nemz ni xori form,

In Esata you can say people's names and place names in short form,

La filo na sano fo philipo na alexandero,

like filo and sano for phillip and Alexander,

vo paru na lonu fo Parisu na Londonu.

Or paru and lonu for Paris and London.

Pipl nemz vewe henda ni vawl -o, plez nemz hend ni vawl -u.

People names always end in vowel -o, place names end in vowel -u.

Yukeha hupto tuymil eniknem ni hic grup, daz nelot!

You can have up to two thousand nicknames in each group, that's a lot!

Wel, yosada no vehu vi wona lera dinu lang.

Well I know that not everyone will want to learn this new language.

Beyukesi da hez priti simpli nada feyu tera lerahe, nogo tekayu mu tam.

But you can see that it's pretty simple and that if you try to learn it, it's not going to take you much time.

Naw yalgo si fe yu ke ta Esata. Tera rata ne fewi sentz. Yovisi, hebi funi!

Now you all go see if you can talk Esata. Try to write a few sentences.

You will see, it's fun!

Manlog ses: waca tivu

Lesi vaz hontivu tonat. Xubi nefilm vosote.

Let's see what's on TV tonight. Should be a film or something.

Kanl tiy gata esophop be hez hamos finxad.

Channel three's got a soap opera but it's almost finished.

Hinwe dunola esophop vemu, yugata falowa zehe fomonz.

Anyway don't like soap operas very much, you got to follow them for months

Vaz hon kanl for? Vanaw, desirk, lewac nebit. Di lukla cirk desol.

What's on channel four? Wow, the circus, let's watch a bit. This looks like cirque du soleil.

Zeha lotz fapipl nikostumz, hezne rili spektakl.

They have lots of people in costumes, it's a real spectacle.

Yola dekrobatz, zepuhona priti guxo.

I like the acrobats, they put on a pretty good show.

Vahels bi hon? Daz di kram sriz, mosli gu,

What else is on? There's this crime series, mostly good,

be hez hredi starda, nosafe yoke folwa het dipont.

but it's already started, don't know if I can follow at this point.

Kiluka, hirbi deprogm da xoha deplis duha zedejabz.

Keep looking. Here's the program that shows the police doing their jobs.

Nteresi, das gayz hane tofjab yoteyu.

Interesting, those guys have a tough job, I tell you.

Dixobi botde holwud hwardz, ho bori.

This show is about Hollywood awards, how boring.

Ne holot fapipl mosli binilo witzeye.

A whole lot of people mostly in love with themselves.

Derz musik tivu, yonoke waca folong, bekoma skizofeni.

There's music TV, I can't watch it for long, i become schizophrenic.

Hirbi nefilm, be hez ne yodwan, mekda hetlis tiyten yirz hago.

Here is a film, but it's an old one, made at least thirty years ago.

Zehada difni weyfa meka filmz bekden.

They had a different way of making films back then.

Stil difilm lukala hez woti waci.

Still this film looks like it's worth watching.

jene lasi qiki sken sife derz no hinte hels ber.

Just a last quick scan to see if there's not anything else better.

Helo vaz dihir, ne nimetad film, yola comdiy bes.

Hello what's this here, an animated film, I like comedy best.

Wow, di luka rili vefuni. Hok, lezki waca diwan.

Wow, this looks really very funny. OK, lets keep watching this one.

Jegatage soteci nasoticu, den yovibi seti.

Just gotta get something to drink and something to eat, then I'll be set.

Xeka nidefrij. Wigota bir na esofcih, ber esofcih.

Check in the fridge. We've got beer and soft drinks, better a soft drink.

Vacu? Gota cepz, no ber meka nesamic, hezber foyu.

What to eat? Got chips, no better make a sandwich, it's better for you.

Lemisi, ciz, butr na jam wit nebanan, da sonda gu.

Let me see, cheese, butter and jam with a banana, that sounds good.

Naw bek todexo. Hohno, hez je finxad! Naw yomu fana sote hels lukheta. Zut!

Now back to the show. Oh no, it's just finished. Now I have to find something else to look at. Drat!

Manlog sev: het debich

Vane perfekî dey fodebich: gu son, notuhoti, wat bi kami.

What a perfect day for the beach: good sun, not too hot, water is calm.

Notumeni pipl, haso spes puhupa yodembrel raqi.

Not too many people, have some space to put up my umbrella right here.

je drapa debag na predawa mital hondî klinî san.

Just drop the bag and spread out my towel on this clean sand.

Diga guhol fodembrel na plantahe zohekeno faldona.

Dig a good hole for the umbrella and plant it so it can't fall down.

Xir hof, nanu debigi momt, nowan luka, xortez hof.

Shirt off, and now the big moment, no one's looking, shorts off.

Wow, dason fi hoti, ber puso sonerîn honmifac na ces.

Wow, that sun feels hot, better put some sunscreen on my face and chest.

Ne qiki sken hron, hini nteresi bebz miheg?

A quick scan around, any interesting babes my age?

Noraqi bemebi soviko srolbaya molati.

Not right here, but maybe some will come strolling by later on.

Nu srecawa nebet, hah, fini so laksexn.

Now stretch out a bit, ah, finally some relaxation.

Dibi delaf. Wayonobiko nebich bum?

This is the life. Why don't I become a beach bum?

Darz sote hari bnit detal, vazhe?

There's something hard beneath the towel, what is it?

Qibihe, nepic fa broki sixel - tasweyahe.

Here it is, a piece of broken seashell - toss it away.

Yogata smutawa desand hunddetal, dar dafiber.

I've got to smooth out the sand under the towel, there that feels better.

Hamos fgetda, mi soneglaz, naw yokesiber.

Almost forgot, my sunglasses, now I can see better.

Hirko nepar fegu luka gaz nibikinz, lez xekawaze.

Here come a pair of good looking girls in bikinis, let's check them out.

Wel, mowuz dan gaz, be stel preti trakti.

Well, more women than girls, but still pretty attractive.

Yola dewey deblon waka, lukla xiz flirta.

I like the way the blonde walks, looks like she's flirting.

Nowitmi towh, xinoha ven lukda diwey.

Not with me though, she hasn't even looked this way.

Mebi yoxu tera wisla sofa 'dagafa hipanimu?'

Maybe I should try whistling some of 'the girl from Ipanema?'

Hoh, cekawa di, mist hunvers, klas fa milnanhun favtenfav.

Oh, check this out, mister universe, class of 1955.

Hokenema dahod stil hane bod dagu? Mu wokawa lotz.

How can a man that old still have a body that good? Must work out lots.

Yobifi nebit tersi, lesivaz nidekulr.

I'm feeling a bit thirsty, let's see what's in the cooler.

Haz koli kokz! Wanfoyu sir? Kohupa!

Ice cold cokes! One for you sir? Coming up!

je popa detab na.. zut, he srayda halhov mide ebatsut.

Just pop the tab and.. drat, it sprayed all over my bathing suit!

Wel, hebida tam fone swim niwey. Lez gohina.

Well, it was time for a swim anyway. Let's go in.

Manlog het: geha redi

Tonat bi denat, fini gegowata wit defabi jeno.

Tonight's the night, finally get to go out with the fabulous Jane.

Jeno de butfi, jeno de supi nteliji, hu tiltud

Jane the beautiful, Jane the super intelligent, who until today

Bida pliti nonteresi nili hodmi, be sote hapnad.

Was completely uninterested in little old me, but something happened.

Ximuha brokupda wit xide hodflem, vaz hidenem, dejok.

She must have broken up with her old flame, what's his name, the jock.

Hinwe hidelos bi migen, wekom tomilaf, lovi mis jeno.

Anyway his loss is my gain, welcome to my life, lovely miss Jane.

Qiyoge hedi fayoye, gota tekahe zihi, teka mitam.

I'm getting ahead of myself here, got to take it easy, take my time.

Yo gota mekaxi fi hetyiz, xoxi negutam, mekaxi lafa.

I've got to make her feel at ease, show her a good time, make her laugh.

Kihe layti, degaz laha fun, henokege tuseri.

Keep it light, the girls like to have fun, it can't get too serious.

Wiviha ne nays mil, den godona todeklub haft.

We'll have a nice meal, then go down to the club afterwards.

Fexi wona dansa, fin, hotwaz jetanabi togeti.

If she wants to dance, fine, otherwise, just talk and be together.

Fexiye sima trakda, den yoke muva moklos, pune eramran.

If she seems attracted, then I can move closer, put an arm around.

Jememba smala loti, na vewe bi degenm.

Just remember to smile a lot, and always be the gentleman.

Yo gota luka mibes, yovi wera minu xert nami bes jak,

I've got to look my best, I'll wear my new shirt and my best jacket,

witne klini parfa jinz namigu xuz.

with a clean pair of jeans and my good shoes.

Naw, ne klosi xev, dera klon, har komda jera.

Now, a close shave, the right cologne, hair combed just right

Yopuda nebatl fa efinvin nide frij cila.

I put a bottle of fine wine in the fridge to chill.

Yoxu ber sretnupa deples nebit nikes wiko bekhir.

I'd better straighten up the place a bit in case we come back here.

Daz novelaki, hon defirs det witde ejeswan mis jeno.

That's not very likely, on a first date with the one and only Miss Jane.

Hok, lesi, bewinu redi, bewigo redi?

OK, let's see, are we now ready, are we ready to go?

Gota vete? Kiz, edolu, wac, fon, kot, mbrel?

Got everything? Keys, wallet, watch, phone, coat, umbrella.

Wel, derz notelef bege nidekar na dravova.

Well, there's nothing left but to get in the car and drive over.

Deka waxda na klinotda hinsad, mifavri cidz bi lodad.

The car washed and cleaned out inside, my favorite CDs are loaded.

Vaviyose weyosixi? Hobot 'ca jeno, yom hir'

What will I say when I see her? How about 'hi Jane, I'm here'

Tam gego, lesi vaz hon dehotr sad fami efotdor.

Time to get going, let's see what's on the other side of my front door.

Monlog nan: totode jokz

Dabida rilnas vist het mibrot dehas.

That was a real nice visit at my brother's house.

Hez rili lotz fafun, halwe meka jokz.

He's really lots of fun, always making jokes

Yo spoza sofada rubofda honmi hes yobida grohupa.

I suppose some of that rubbed off on me as I was growing up

Mosli hi pleyda lotz fa praki jokez het mikpens.

Mostly he played lots of practical jokes at my expense.

Yo rmemba wantam dahiseda dar bida normusi spadr

I remember this one time that he said there was an enormous spider

hund mibed, dahihada sidahe rehunda der, behebida zobigi da

under my bed, that he had seen it run under there, but it was so big that

hibida skerda gohaftahe. Da nat yo hardi slipda, holdi ne pantuf

he was scared to go after it. That night I hardly slept, holding a slipper

nimihan. Denex morn hiteldami dahenobida teru, hihada

in my hand. The next morning he told me that it wasn't true, he had

jes mekupda storiy skerami. Hinwey, he werkda pretigu.

just made the story up to scare me. Anyway, it worked pretty good.

Yukesiwa hiseda dahihada neprilu fulde yir, nonedey.

You can see why he said that he had an April fools year, not a day.

Hon notr kesxun heseda da ceda nelapn nide bezmen,

On another occasion he said that there was a rabbit in the basement,

dawiwuha tera kecahe napuhe hawsad. Hi teldami

that we would have to try to catch it and put it outside. He told me to

steya niposixn nawe delapn kobada kecahe nine pilokes.

stay in position and when the rabbit came by to catch it in a pillowcase.

Den he gohofda fone longi wal, livimi holdi debag heszese.

Then he went off for a long while, leaving me holding the bag as they say.

hondehol wehada lotz fafun togeti toh, na ven deli

On the whole we had lots of fun together though, and even the little

trikz he pleyda honmi hepdami hvoyda lotz fa simli sitwexenz.

tricks he played on me helped me avoid lots of similar situations

wit hotr pipl molathon nilayf. Hondehol hidesens fahumr bida

with other people later on in life. On the whole his sense of humor was

wanfa hide man hasetz. Yotida debilet meklata fa wande

one of his main assets. I think that the ability to make light of one's

pedikmenz bine savigrez. Serti negu humri pers biye ber

predicaments is a saving grace. Certainly a good humored person is better

rsivda dan nemudi wan. Zoyo gesa yo howahe tomi hodi brot na

received than a moody one. So I guess I owe it to my older brother and

hide funlovi natur dayobi hals klanda teka layf hes heko,

his fun loving nature that I am also inclined to take life as it comes,

wito gehi tupseti we tez nogo hes planda. Feyuti

without getting too upset when things don't go as planned. If you think

habot he, we tez go hes planda layf bi qat bori. De rili

about it, when things go as planned life is quite boring. The really

plezi tez nilayf hamos halwe ko hes sprazez, yo fana.

pleasant things in life almost always come as surprises, I find.

sez: sanase

sayings: know and say

feyunosa yunose

If you don't know, you don't say

feyunoti yunosa

If you don't think, you don't know

feyunosu yunoti

If you don't see, you don't think

feyunoqi yunosu

If you're not here, you don't see

feyukeko yukego

If you can come you can go

feyukego yukege

If you can go you can get

feyukege yukegi

If you can get you can give

feyukegi yukeko

If you can give you can come

hubidema hubidewu

who's the man, who's the woman?

hubidebo hubidega

who's the boy, who's the girl?

tiyukere tiyuketa

think you can run, think you can talk?

tiyobiro tiyubira

think I am wrong, think you are right?

vahaneho xuhanehu

what has a how, should have a who

vahanewa xuhanewo

what has a why, should have a where

vahanepa xuhanefu

what has a past, should have a future

huhadesa xuhadese

Who has the knowledge, should have the say

Babel Text

Here is a translation of the Old Testament passage on the tower of Babel. Candidate constructed languages are invited to translate this example passage for posting on the langmaker website.

In the whole earth there was one language and one dialect.

Nide holi ter, da bida wan lang na wan dlek.

And when they departed from the East, they found a valley in the nation of Shinar and they settled there.

Na wede ze dparda desde hist, ze fanda neval nidepas fa xinaru, na ze sedelda dar.

And they said to each other: Come, let's make bricks and let's fire them with fire. And they used the bricks as stones, and they used soft coal as lime.

Na ze seda hico: ko lez meka briksz na lewi beka ze wit fayr. Na ze yusda debriksz hes stonz, na ze yusda esofkol hes laym.

And they said: Come, let's build ourselves a city and a tower, whose summit will reach the sky, and let's get glory for ourselves, before we spread over the face of the whole world.

Na ze seda: ko, bilda wiye necit na netor, hude somt vi rica decel, na lez geye glor, befo wiye sparja hov defac fade holi worl.

And the LORD went down, to see the city and the tower the children of Man had built.

Na de LOR godonda, si decit na detor, dade calz fama hada bildad.

And the LORD said: Here is one people, and they all have one language; and here is what they started to do, and they won't be hindered in anything that they've decided to do.

Na de LOR seda: hirbi wan pipl, zeha hal wan lang, na hirz va zeha ebegduh, na zeye nobi hinda ni va zeha ecuzduh.

So let's go down, and let's confuse their language there, so that they don't understand each other's speech.

Zo lezgo doni, na lez kfuzza zede lang dar, zoda zeno kapa hicode spic.

And the LORD scattered them from there over the face of the whole world, and they stopped building the city.

Na de LOR sketdad ze desda hov defac fade holi worl, na ze stopda bilda decit.

That's why people called it Babel, because there the LORD confused the language of the whole world, and from there the LORD scattered them over the face of the whole world.

Daz wa pipl kalda he babelu, kaz dar de LOR kfuzza delang fade holi worl, na fomdar de LOR sketdad ze hov defac fade holi worl.

Appendix B. Basic Esata to English Vocabulary

This lists all the two syllable Esata words, and their English Equivalents. Where the translation is based on a foreign language word, the translation is under the **for.Eqv** column. The third column gives the foreign language **origin**, F-French, I-Italian, S-Spanish, D-Dutch, G-German, with some C-Chinese, R-Russian, P-Portugese; with H-Hindi/Urdu, J-Japanese and others to come.

<u>Esata</u>	<u>Engl Eqv</u>	<u>for.Eqv</u>	<u>Orig.</u>	<u>Esata</u>	<u>Engl Eqv</u>	<u>for.Eqv</u>	<u>Orig.</u>
<i>bab_</i>		<i>father</i>	<i>I</i>	<i>bic_</i>	<i>bicycle</i>		
<i>bac_</i>		<i>kiss</i>	<i>I</i>	<i>bid_</i>	<i>bead</i>		
<i>bad_</i>	<i>body</i>			<i>bif_</i>	<i>beef</i>		
<i>baf_</i>		<i>moustache</i>	<i>F</i>	<i>big_</i>	<i>large</i>		
<i>bag_</i>	<i>bag</i>			<i>bih_</i>	<i>is</i>		
<i>bah_</i>	<i>bad</i>			<i>bij_</i>	<i>beach</i>		
<i>baj_</i>	<i>budget</i>			<i>bik_</i>	<i>beak</i>		
<i>bak_</i>	<i>bake</i>			<i>bil_</i>	<i>bill</i>		
<i>bal_</i>	<i>ball</i>			<i>bim_</i>	<i>beam</i>		
<i>bam_</i>	<i>bomb</i>			<i>bin_</i>	<i>bean</i>		
<i>ban_</i>	<i>ban</i>			<i>bip_</i>	<i>beep</i>		
<i>bap_</i>				<i>biq_</i>	<i>ballpoint pen</i>		
<i>baq_</i>	<i>backwards</i>			<i>bir_</i>	<i>beer</i>		
<i>bar_</i>	<i>bar,bear,bare</i>			<i>bis_</i>		<i>repeat</i>	<i>F</i>
<i>bas_</i>	<i>base</i>			<i>bit_</i>	<i>beat,bit</i>		
<i>bat_</i>	<i>bat,bath</i>			<i>biv_</i>	<i>beaver</i>		
<i>bav_</i>		<i>drool</i>	<i>F</i>	<i>biw_</i>	<i>beware</i>		
<i>baw_</i>	<i>bow</i>			<i>bix_</i>	<i>ambition</i>		
<i>bax_</i>	<i>bash</i>			<i>biy_</i>	<i>bee</i>		
<i>bay_</i>	<i>buy,bye,by</i>			<i>biz_</i>	<i>busy</i>		
<i>baz_</i>	<i>boss</i>			<i>bob_</i>	<i>clown</i>		
<i>beb_</i>	<i>baby</i>			<i>boc_</i>		<i>bloom</i>	<i>I</i>
<i>bec_</i>	<i>bet</i>			<i>bod_</i>	<i>board</i>		
<i>bed_</i>	<i>bed</i>			<i>bof_</i>	<i>both</i>		
<i>bef_</i>	<i>precede</i>			<i>bog_</i>	<i>false</i>		
<i>befo</i>	<i>before</i>			<i>boh_</i>	<i>boy</i>		
<i>beg_</i>	<i>beg</i>			<i>boj_</i>	<i>budge</i>		
<i>beh_</i>	<i>but</i>			<i>bok_</i>	<i>box</i>	<i>mouth</i>	<i>IS</i>
<i>bej_</i>	<i>badge</i>			<i>boku</i>		<i>much</i>	<i>F</i>
<i>bek_</i>	<i>back</i>			<i>bol_</i>	<i>bowl</i>		
<i>beko</i>	<i>because</i>			<i>bom_</i>		<i>tree</i>	<i>DG</i>
<i>bel_</i>	<i>bell</i>			<i>bon_</i>	<i>bone</i>	<i>good</i>	<i>FI</i>
<i>bem_</i>				<i>bop_</i>	<i>hit</i>		
<i>ben_</i>	<i>bun</i>	<i>good</i>	<i>I</i>	<i>boq_</i>		<i>lots</i>	<i>F</i>
<i>bep_</i>				<i>bor_</i>	<i>bore</i>		
<i>beq_</i>		<i>comfort</i>	<i>G</i>	<i>bos_</i>	<i>boast</i>		
<i>ber_</i>	<i>bear,better</i>			<i>bot_</i>	<i>boat,both</i>		
<i>bes_</i>	<i>best</i>			<i>bov_</i>	<i>cattle</i>		
<i>bet_</i>	<i>bet</i>			<i>bow_</i>	<i>bow</i>		
<i>bev_</i>		<i>drink</i>	<i>I</i>	<i>box_</i>	<i>boast</i>		
<i>bew_</i>	<i>beware</i>			<i>boy_</i>	<i>boy</i>		
<i>bex_</i>		<i>kiss</i>	<i>B</i>	<i>boz_</i>	<i>boys</i>	<i>angry</i>	<i>DG</i>
<i>bey_</i>	<i>bay,obey</i>			<i>bub_</i>	<i>error</i>		
<i>bez_</i>	<i>basis</i>	<i>without</i>	<i>R</i>	<i>buc_</i>	<i>much</i>		
<i>bib_</i>		<i>library</i>	<i>FISG</i>	<i>bud_</i>	<i>build</i>		

buf_		eat	F	cev_		deer	F
bug_	bug			cew_	chew		
buh_	boom			cex_	cherish		
buj_	boo			cey_	chair		
buk_	book			cez_	chess		
buko		hole	I	cib_	food		
bul_	able			cic_		drink	S
bum_	bum			cid_	acid		
bun_	burn			cif_	chief		
bup_	bump			cig_	cigar		
buq_	bouquet			cih_	drink		
bur_	butter			cij_			
buo_	bureau	office	FIS	cik_	cheek		
bus_	bus			cil_	chill		
but_	boot	goal, purpose	F	cim_		top	S
buv_		drink	F	cin_	chin		
buw_	boo			cip_	cheap		
bux_	bush			ciq_			
buy_	buoy	boil	F	cir_	cheer		
buz_	boos			cis_	chisel		
cab_				cit_		city	I
cac_		cha-cha		civ_	achieve		
cad_	chide			ciw_	swallow		
caf_	chaff			cix_			
cag_				ciy_			
cah_	hello			ciz_	cheese		
caj_	charge			cob_			
cak_	chock			coc_			
cal_	child			cod_			
cam_	chomp			cof_			
can_	channel			cog_			
cap_	chop			coh_	there is no		
caq_	chalk			coj_			
car_	char			cok_	choke		
cas_	chase			col_			
cat_	chat			com_	chum		
cav_	chive			con_			
caw_	chow			cop_	chop		
cax_				coq_	chaulk		
cay_		tea	C	cor_	chore		
caz_				cos_	close		
ceb_				cot_			
cec_		eyes	A	cov_			
ced_				cow_			
cef_	chef			cox_			
ceg_		blind	IS	coy_			
ceh_	there is			coz_		cabin	S
cej_	change			cub_	chubby		
cek_	check			cuc_	church		
cel_	cell	sky	F	cud_	eaten		
cem_	chemniy			cuf_		tuft	I
cen_	chain			cug_	chug		
cep_	chip			cuh_	chew, eat		
ceq_	cheque			cuj_			
cer_	chair			cuk_	chuck		
ces_	chest			cul_			
cet_	cheat			cum_			

cun_			dig_	dig	
cup_	suck	S	dih_	this	
cuq_			dij_	Digital	
cur_	chore		dik_		thick DG
cus_	goodbye	G	dil_	deal	
cut_	fall	F	dim_	deem	
cuv_			din_	dine	
cuw_	chew		dip_	deep	
cux_	quiet!		diq_		
cuy_			dir_	dear,deer	
cuz_	choose		dis_	these	
dab_	dabble		dit_		finger, toe I
dac_	cabin	R	div_	divide	
dad_	dad		diw_	this one	
daf_	therefore		dix_	dish	
dag_	dagger		diy_	idea	
dah_	that		diz_	this is	
daj_			dizi	dizzy	
dak_	doctor	roof DG	dob_	double	
dal_	dollar		doc_		shower I
dam_	lady		dod_		dead DG
dan_	than		dof_	doff	
dap_	drop		dog_	dog	
daq_	agree	F	doh_	money	
dar_	there		doj_	dodge	
das_	those		dok_	duck	
dat_	date,data		dol_	doll	pain I
dav_	dive		dom_	dome	
daw_	dawn		don_	down	mister S
dax_	dash		dop_	dope	after I
day_	die		doq_		
daz_	that's		dor_		gold FIS
deb_	debt	owe FIS	dos_		back F
dec_	decimal		dot_	dot,daughter	
ded_	dead		dov_	dove	
def_	deaf		dow_	dough,though	
deg_	disgusting	F	dox_		
deh_	the		doy_		
dej_	breakfast	F	doz_	doze	
dek_	deck		dub_	double	
del_	about	FIS	duc_		German G
dem_	tomorrow	F	dud_	dude	
den_	then		duf_	duff	
dep_	dip,depth		dug_	dug	
deq_	decorate		duh_	do	
der_	dare		duj_		
des_	desert		duk_	duke	
det_	debt		dul_	dull	sweet IS
dev_	develop		dum_	dumb	
dew_	moisture		dun_	dune	thin G
dex_	already	F	dup_	dupe	
dey_	day		duq_	duke	
dez_	days		dur_	during	to last FIS
dib_	thief	G	dus_	dust	thus DG
dic_	ditch		dut_	doubt	
did_	deed		duv_	do what	
dif_	different		duw_	do when	

dux_		shower FIS	fip_	flip	
duy_	do to oneself		fiq_		put I
duz_	dozen		fir_	fear	
fab_	fable		fis_	fish	
fac_	face		fit_	feet	
fad_	fade		fiv_	fever	
faf_			fiw_		
fag_	fagot		fix_	fix	
fah_	of		fiy_	fee	
faj_			fiz_	fizz	
fak_	fact		fob_	phobia	
fal_	fall		fof_	focus	
fam_	fame		fod_	fodder	
fan_	fan		fof_	off	
fap_	flop		fog_	fog	
faq_	fuck		foh_	for	
far_	far		foj_		
fas_	fast		fok_	folk	
fat_	fat		fol_	full	
fav_	five		fom_	from, foam	
faw_	foul		fon_	phone	
fax_	fax		fop_		faux pas F
fay_	flaw		foq_		seal F
faz_	phase		for_	four	
feb_	february		fos_	force	
fec_	fetch		fot_	front	
fed_	federal		foto	foto	
fef_			fov_	wild	
feg_	fag		fow_	foe	
feh_	if		fox_	fox	
fej_			foy_	for you	
fek_	fake		foz_	froze	
fel_	fellow		fub_	footbal	
fem_	female		fuc_		flee I
fen_	fin		fud_	food	
fep_			fuf_	fluff	
feq_			fug_	fuggitive	
fer_	free		fuh_	future	
fes_	confess	buttock F	fuj_	fudge	
fet_	faith		fuk_	fuck	
fev_	fever		ful_	fool	
few_	few		fum_		smoke FIS
fex_	fresh		fun_	fun	
fey_	faith		fup_	fill up	
fez_	fuzz		fuq_		
fib_	fiber		fur_	fur	
fic_		file F	fus_	fuss	
fid_	feed		fut_	foot	
fif_	fief	fear I	fuv_		
fig_	fig		fuw_	fuel	whip F
fih_	feel		fux_	fuse	
fij_			fuy_		escape F
fik_	fiction		fuz_	confuse	
fil_	fill	daughter FI	gab_	gab, talk	
filo		edge I	gac_	gotcha	
fim_	film		gad_	guard	
fin_	fine		gaf_	gaffe	

gag_	gag		giy_	give you	
gah_	girl		giz_	gizmo	
gaj_	engage		gob_	gob	humpback I
gak_			goc_		drop I
gal_	gall,gallon		god_	God	
gam_	gamut		gof_	go for	
gan_	gain	go DG	gog_	goggle	
gap_	gap		goh_	go	
gaq_			goj_	gorge	
gar_	garden		gok_	go by car	
gas_	gas		gol_	goal	
gat_	got		gom_		rubber FIS
gav_		stuff F	gon_	going to	skirt I
gaw_		team spirit G	gop_	go up	
gax_	gosh		goq_		
gay_	guy		gor_	gore	
gaz_	girls		gos_	ghost	
geb_		give G	got_	goat	
gec_	get you		gov_	government	
ged_	understand		gow_	go away	
gef_	gift		gox_	gosh	
geg_		opposite G	goy_		
geh_	get		goz_	goings	
gej_	gage		gub_	goodbye	
gek_		crazy D	guc_	good food	
gel_	freeze		gud_	good	
gem_	game		guf_	goof	
gen_	again		gug_	google	
gep_	gape		guh_	good	
geq_	get here		guj_	good job	
ger_		war F	guk_	look	
ges_	guess		gul_	glue	
get_	git		gum_	gum	
gev_	given		gun_	gun	
gew_	guess what		gup_	goop	
gex_	guest		guq_	good question	
gey_	gay		gur_	teacher	
gez_	guess		gus_	goose	
gib_	give back		gut_		good DG
gic_	glitch		guv_	groove	
gid_	guide		guw_	goo	
gif_		poison G	gux_	gush	
gig_	gig		guy_	good yes	
gih_	give		guz_	goose	
gij_			hab_	habit	
gik_	geek		hac_	hatch	
gil_		tickle I	had_	hard,ad,add	
gim_	gimme		haf_	half	
gin_	begin		hag_	hog	
gip_	give please		hago	ago	
giq_	give here		hah_	have	
gir_	gear		haj_		pilgrimage A
gis_		smelt I	hak_	act	
git_	git		hal_	all,hall	
giv_	give		ham_	ham	
giw_			han_	hand	
gix_		geisha J	hano		year FIS

hap_	happy		hog_		eye D
haq_	water		hoh_	how	
har_	hair		hoj_	hoax	
has_	house		hok_	OK	
hat_	hat		hol_	hole	
hav_	hive		holo	hollow	
haw_	out,awe		hom_	home	
hax_	hash,ash		hon_	on,own	
hay_	hi,high		hop_	hope	
haz_	haze		hoq_		
heb_	able		hor_	hour	
hec_	etch		horo		gold FIS
hed_	head		hos_	horse	
hef_	half		hot_	hot	
heg_	egg		hov_	over	
heh_	it		how_	hoe,owe	
hej_	age,hedge		hox_	hoax	
hek_	ache		hoy_		today S
hel_	hell		hoz_	how's, hose	
hem_	ham		hub_	hub	
hen_	end		huc_	hooch, hutch	
hep_	hip,help		hud_	hood,whose	
heq_		hectare FIS	huf_	hoof	
her_	air		hug_	hug	
hes_	as		huh_	who	
het_	at,eight		huj_	huge	
hev_	heavy		huk_	hook	
hew_	hew		hul_	hull	
hex_	hash		hum_	humor	
hey_	hey		hun_	hundred	
hez_	it's		hup_	up	
hib_	he is		huq_	who asks	
hic_	each		hur_	hurry	
hid_	hide		hus_	house	
hif_			hut_	hut	
hig_			huv_	who will	
hih_	he		huw_	who was	
hij_	he just		hux_	hush	
hik_	hick		huy_	who're you	
hil_	hill		huz_	who's	
him_	hymn		jab_	job	
hin_	inner		jac_		bury I
hip_	heap		jad_	jade	
hiq_	equal		jaf_		
hir_	here,ear		jag_	jog	
hiro	hero		jah_	God	
his_	history		jaj_	judge	
hit_	heat		jak_	jacket	
hiv_	heave		jal_	jealous	
hiw_			jalo		yellow I
hix_	he or she		jam_	jam	
hiy_	he (inanimate)		jan_		
hiz_	he's		jano	John	
hob_	hobo		jap_		
hoc_		very R	jaq_	jock	
hod_	old		jar_	jar	
hof_	court		jas_	just	

jat_	jot			jok_	joke		
jav_	jive			jol_	jolly		
jaw_	jaw			jom_			
jax_	josh			jon_	join		
jay_				jop_			
jaz_	jazz			joq_			
jeb_	jab			jor_		cry	S
jec_		ten	I	jos_			
jed_				jot_	jolt		
jef_				jov_		young	I
jeg_	jagged			jow_	jowl		
jeh_	just			jox_	josh		
jej_	edge			joy_		happiness	I
jek_	jack			joz_			
jel_	gel			jub_		ditch	A
jem_	gem			juc_			
jen_	engine			jud_			
jenu		knee	F	judo	judo		
jep_	jeopardy			juf_			
jeq_				jug_	jug		
jer_				juh_		low	I
jes_	just			juj_	judge		
jet_	jet			juk_	junk		
jev_	did you ever			jul_	jewel		
jew_				julu	July		
jex_				jum_	jump		
jey_	jay			jun_		to fast	FI
jez_				junu	June		
jib_				jup_	skirt		
jic_				juq_	juke		
jid_				jur_		swear	I
jif_	jiffy			jus_	juice		
jig_	jig			jut_	jut		
jih_	high			juv_	juvenile		
jij_				juw_	Jew		
jik_				jux_			
jil_				juy_			
jim_				juz_			
jimo	Jim			kab_	cob		
jin_	jean			kac_	catch		
jip_	jeep			kad_	card	fall	I
jiq_				kado		gift	F
jir_	jeer	tour	I	kaf_	coffee		
jis_	Jesus			kaq_	cog		
jit_		trip	I	kah_	car		
jiv_		soul	H	kaj_	cage		
jiw_				kak_	cock		
jix_				kal_	call		
jiy_	gee			kam_	calm		
jiz_				kan_	can		
job_	job			kap_	copy	understand	I
joc_				kapo		head, boss	I
jod_				kaq_			
jof_				kar_	carry		
jog_	jog			kas_	cast	cheese	DGS
joh_	joy			kat_	cat		
joj_				kav_	cellar		

kaw_	cow		kop_	cop	
kax_	cash		koq_		shell FI
kay_		street S	kor_	chorus	
kaz_	because		kos_	cost	
keb_	cab		kot_	coat	
kec_	catch		kov_	cove, cover	
ked_	sneaker		kow_	cow	
kef_			kox_	coast	
keg_	keg		koy_	coy	
keh_	can		koz_	cozy	
kej_	cage		kub_	cube	
kek_	cake		kuc_		puppy I
kel_	kill		kud_	cud	
kem_	camp		kuf_	cuff	
ken_	kin		kug_		ball G
kep_	cap		kuh_	could	
keq_			kuj_	could you	
ker_	care		kuk_	cook	
kes_	case		kul_	cool	
ket_	kettle		kum_	common	
kev_	cave		kun_		art DG
kew_		water IS	kup_	cup	
kex_	cash		kuq_	cookie	
key_	cay		kur_	cure	
kez_			kus_		kiss DG
kib_			kut_	cut	
kic_		kitch G	kuv_	curve	
kid_	kid		kuw_	cow	
kif_		indifferent F	kux_	cushion	
kig_			kuy_	coo	
kih_	keep		kuz_	cousin	
kij_			lab_	laboratory	
kik_	kick		lac_	latch	
kil_	keel		lad_	lad	
kim_		kimono J	laf_	laugh	
kin_	king		lag_	lag	
kip_	keep		lah_	like	
kiq_		grain I	laj_	large	
kir_	care		lak_	lack	
kis_	kiss		lal_	all	
kit_	kit		lam_	lamb	
kiv_			lan_	land	
kiw_		rain jacket FI	lap_	lap	
kix_		quiche F	laq_	lacquer	
kiy_	key		lar_	liar	
kiz_	keys		las_	last	
kob_			lat_	late	
koc_	coach		lav_		wash FIS
kod_	code	tail I	law_	law	
kof_	cough		lax_		let I
kog_	cog		lay_	ally	
koh_	come		laz_	lazy	
koj_			leb_		
kok_	coke		lec_		milk IS
kol_	coal		led_	lead	
kom_	comb		lef_	left	
kon_	cone	with FIS	leg_	leg	

leh_	let		lox_	lotion	
lej_	ledge		loy_	allow	
lek_	lick		loz_	lozenge	
lel_	else		lub_	lubricate	
lem_	limb		luc_	light	
len_	length		lud_	lewd	
lep_	lip		luf_		air G
leq_			lug_	lug	
ler_	learn		luh_		place F
les_	less		luj_	sled	
let_	let		luk_	luck	
leto		bed I	lul_		penis D
lev_	live		lum_	loom	
lew_	allow		lun_		moon FIS
lex_		lick F	lup_	loupe	wolf F
ley_	lay		luq_	lukewarm	
lez_	let's		lur_	lure	
lib_		free FIS	lus_	loose	
lic_	leach		lut_	loot	
lid_	lead		luv_	love	
lif_	leaf		luw_	lewd	
lig_	league		lux_	luxury	
lih_	little		luy_	hallelujah	
lij_	legion		luz_	lose	
lik_	leak		mab_	mob	
lil_	little		mac_	macho,male	
lim_	lime		mad_	mad	
lin_	line		maf_	mafia	
lino		linen FIS	mag_	thin	
lip_	leap		mah_	man	
liq_	liquid		maj_	magic	
lir_	lyric	read F	mak_	mock,mark	
lis_	least		mal_	mile	bad IS
lit_	literature		mam_	mama	
liv_	leave		man_	man	
liw_	leeway		map_	mop	
lix_	leash		maq_		what the? I
liy_		teacher C	mar_	marry	sea IS
liz_	lease		mas_	mass	
lob_	lobe		mat_	mat	
loc_	lunch		mav_	marvel	
lod_	load		maw_	mouth	
lof_	loaf		max_	machine	
log_	log		may_	May	
loh_	love		maz_	maze	
loj_	lodge		meb_	maybe	
lok_	lock		mec_	match	
lol_	loyal		med_	medical	
lom_	loam	the man FI	mef_	distrust	
lon_	loan		meg_	mega	
lop_	lope		meh_	may	
loq_		speak L	mej_		among R
lor_	lore, Lord		mek_	make	
los_	loss		mel_	mail	
lot_	lot		mem_	memory	
lov_	love		men_	many	
low_	low		mep_	map	

meq_		guy F	muh_	must	
mer_	merry	mother F	muj_	mood	
mes_	mess		muk_		pile I
met_	metal		mul_	mule	
mev_		marvel FI	mum_	mummy	
mew_	mew		mun_	moon	
mex_	measure		mup_	puppet	
mey_		there's no C	muq_		carpet F
mez_	amaze	transport I	mur_		wall FIS
mib_	amoeba		mus_	must	
mic_		kitten I	mut_	mute	
mid_	middle		muv_	move	
mif_	anger		muw_	moo	
mig_	migrate		mux_	mush	
mih_	me		muy_		very S
mij_	midget		muz_	amuse	
mik_	meek	fried I	nab_	knob	
mil_	meal,thousand		nac_	notch	
mim_	imitate		nad_	nothing	
min_	mean	mine FIS	naf_	knife	
minu	minute		nag_	nag	
mip_			nah_	and	
miq_			naj_		swim F
mir_	mere		nak_	knock	
mis_	miss		nal_	not all	
mit_	meet,meat		nam_		Word H
miv_			nan_	nine	
miw_			nap_	napkin	
mix_	mix		naq_		be born FI
miy_	my own		nar_	narrow	
miz_	Mrs.		naro	narrow	
mob_	mobile		nas_	nice	wet G
moc_			nat_	night	
mod_	mode		nav_	ship	
mof_	modify		naw_	now	
mog_	among		nax_	born	
moh_	more		nay_	deny	
moj_	more joy		naz_		nose IS
mok_	smoke		neb_		fog I
mol_	mole	spring I	nec_		
mom_		kid F	ned_		
mon_	money		nef_	nephew	
mop_	mope		neg_	negative	
moq_		carpet F	neh_	a, an	
mor_	more		nej_		snow F
mos_	most		nek_	neck	
mot_	motor		nel_	nail	
mov_	motive		nelo		ring I
mow_	mow		nem_	name	take DG
mox_	mosy		nen_		call DG
moy_		pretty D	nep_		not even I
moz_	most are		neq_		
mub_			ner_		black I
muc_	much		nes_	necessary	
mud_	mud		net_	net	
muf_	muffler		nev_	never	
mug_	mug		new_	new	

nex_	next		nuq_	nuke	
ney_	neigh		nur_	nouriture	
nez_	business		nus_	noose	nut DG
nib_	nibble		nut_	nut	
nic_		niche F	nuv_		cloud IS
nid_	need		nuvo		new F
nif_			nuw_	new	
nig_			nux_	nurse	
nih_	in		nuy_		noodle F
nij_	need you		nuz_	news	
nik_	nick		pab_	pub	
nil_	kneel		pac_	patch	
nim_		enemy I	pad_	pod,partner	
nin_	in a		paf_		strike F
nip_	nip		pag_		pay IS
niq_	sin		pah_	past	
nir_	near		paj_		page IS
nis_	niece		pak_	pack	
nit_	neat		pal_	pal,pile	
niv_		level FIS	pam_	palm	
niw_		new D	pan_	pan	bread FIS
nix_		niche F	pap_	papa	
niy_	any		paq_	easter	
niz_	knee		par_	pair	even FIS
nob_	knob		pas_	pass	country FI
noc_		night S	paso		pass,step S
nod_	node		pat_	path	
nof_	enough of		pav_	pave	
nog_	still		paw_	pow	
noh_	no		pax_	peace	
noj_			pay_	pie	
nok_	not OK		paz_		piece IS
nol_	an old		peb_	pebble	
nom_		name FIS	pec_	pitch	
non_	none		ped_	pad,pedal	
nop_	no		pef_	pay for	
noq_	no questions		peg_		stick IS
nor_	north		peh_	pay	
nos_	noise		pej_	page	
not_	note, knot		pek_	pick	
nov_	November		pel_	pal,pale	skin IS
now_	know		pem_	payment	
nox_	notion		pen_	pen	
noy_	annoy	bore I	pep_	pepper	
noz_	nose		peq_	peck	why I
nub_	cloud		per_	per	for I
nuc_	not much		pes_	paste	
nud_	nude		peso		weight IS
nuf_	enough		pet_	pet	
nug_	nougat		pev_	pave	
nuh_	new		pew_	pew	
nuj_	nudge		pex_	picture	fish IP
nuk_	nuclear		pey_	pay	
nul_	nul		pez_	piece	
num_	number		pib_	people	
nun_	noon		pic_	peach	
nup_	marriage		pid_		ask S

pif_	inept		pux_	push	
pig_	pig		puy_		then F
pih_	please		puz_	puss	
pij_			qab_	club	
pik_	peak		qac_		nonsense G
pil_	pile		qad_	quad	
pim_			qaf_	coif	
pin_	pin		qag_	clog	
pip_	pipe		qah_	there	
piq_		pique FIS	qaj_		collage F
pir_	peer		qak_	quack	
pis_	peace		qal_	equal	
pit_	pit		qam_	clam	
piv_	peeve		qan_		when F
piw_	peewee		qap_	crop	
pix_	piece		qaq_	quack	
piy_	pea	foot FIS	qar_	choir	
piz_	piss		qas_		almost I
pob_		poor S	qat_	quite, quiet	
poc_	porch		qav_	quaver	
pod_	pod		qaw_	quarrel	
pof_	poof		qax_	crash, squash	
pog_	pogo		qay_	quarry	
poh_	power		qaz_		quasi I
poj_	opposed		qeb_	crab	
pok_	poke		qec_		grow I
pol_	pole		qed_		believe I
pom_	poem	apple F	qef_	cliff	
pon_	upon		qeg_	college	
pop_	pop		qeh_	question	
poq_		because S	qej_	college	
por_	poor		qek_	quake	
pos_	post		qel_	quell	
pot_	pot	pal F	qem_		cream FI
pov_		poor FIS	qen_		who S
pow_	poetry		qep_		crepe F
pox_	potion		qeq_	quack	
poy_		then I	qer_		across G
poz_	pose		qes_	quest	
pub_	public	publicity F	qet_	quit	
puc_	pooch		qev_	quiver	
pud_	puddle		qew_	queue	
puf_	proof		qex_	crash	
pug_	pug		qey_	clay	
puh_	put		qez_	questions	
puj_	pugilist		qib_		
puk_	puke		qic_	glitch	
pul_	pool, pull		qid_	quid	
pum_	puma		qif_	grief	
pun_	pun		qig_		
pup_	doll		qih_	here	
puq_		why F	qij_		
pur_	pour		qik_	quick	
pus_	pus		qil_		
put_	put, putt		qim_		
puv_	prove		qin_	queen	
puw_	power		qip_	clip	

qiq_	clique		raj_	radio	
qir_	queer		rak_	rock	
qis_			ral_	rally	
qit_	quit		ram_	arm	branch I
qiv_	cleave		ran_	right on	
qiw_			rap_	wrap, rap	
qix_		cliche F	raq_	racket	
qiy_			rar_	right you are	
qiz_	quiz		ras_	rasor	
qob_			rat_	write	
qoc_		bell F	rato	rat	
qod_	clod		rav_	rave	
qof_	clove		raw_	raw	
qog_	cloak		rax_	rash	
qoh_	quote		ray_	ray, wry	
qoj_			raz_	rise	
qok_	clock		reb_	rebel	
qol_		collapse I	rec_	wretch	
qom_	chrome		red_	red, ready	
qon_	clone		ref_	ref	
qop_	clop	cigarette F	reg_	regular	
qoq_		also I	reh_	run	
qor_		heart FIS	rej_	regime	
qos_	close		rek_	wreck	
qot_	quota		rel_	rail	relate I
qov_	clove		rem_	rim	
qow_	grow		ren_	rain	
qox_	clutch		rep_	repeat	
qoy_	color		req_	request	
qoz_	clothes		rer_	rare	
qub_	club		res_	rest	
quc_	cross		ret_	rate	
qud_	crude		rev_	revolve	
quf_		headphones I	rew_	reverse	
qug_		clever G	rex_	rash	
quh_	cool		rexo	ratio	
quj_	clutch		rey_		king I
quk_	crook		rez_	race	
qul_	cruel		rib_	ribbon	
qum_	crumb		ric_	reach	
qun_	clown		rid_	read	wrinkle F
qup_	croup		rif_	reef	
quq_			rig_	rig	
qur_		color D	rih_	ri, read	
qus_		cous cous A	rij_	reject	
qut_	clutter		rik_		rich IS
quv_	groove		ril_	real	
quw_	crew		rim_	ream	
qux_	crucial		rin_	ring	
quy_	clue		rip_	reap	
quz_	cruise		riq_	request	
rab_	rob		rir_	rear	
rac_	arch		ris_	rice	
rad_	rod		rit_	right	
raf_	raft		riv_	river	
rag_	rag		riw_	rewind	
rah_	right		rix_	rich	

riy_ area		sano	healthy I
riyo	river S	sap_ sap	
riz_ reason		saq_ sacred	
rob_ robe		sar_ sorry	
roc_ roach		sas_ sauce	
rod_ road		sat_ site	
rof_ rough		sav_ save	
rog_ org,rogue		saw_ saw	
roh_ wrong		sax_ sash	
roj_ erode		say_ sigh	
rok_	smoke D	saz_ size	
rol_ roll		seb_	even though I
rom_ roam		sec_ search	
ron_ round	rum S	sed_ sad	
rop_ rope		sef_ safe	
roq_	hoarse F	seg_ secret	
ror_ roar		seh_ say	
ros_ rose	pink FIS	sej_ sage	
rot_ rot		sek_ sack	dry FIS
rov_ rove		sel_ sell	
row_ row		sem_ same	seed FI
rox_ roast		sen_ send	
roy_ royal		sep_ except	
roz_ rose		seq_	century F
rub_ rub		ser_ serious	
ruc_	hive F	ses_ six	
rud_ rude		set_ set	
ruf_ roof		sev_ seven	
rug_ rug		sew_ sue	
ruh_ room		sex_ sex	
ruj_	red F	sey_ sail	
ruk_	back DG	sez_ says	
rul_ rule		sib_ sibling	
rum_ room		sic_ beseech	
rumo rumor	noise FI	sid_ seed	
run_ ruin		sif_ see if	
rup_ troupe		sig_ cigar,cigarette	
ruq_		sih_ see	
rur_ rural		sij_ siege	
rus_ ruse		sik_ seek	
rut_ root,route		sil_ silly	
ruv_ groove		sim_ seem	
ruw_ ruin		sin_ sign	
rux_ rush		sip_ sip	
ruy_	street F	siq_ sequel	
ruz_ ruse		sir_ sir	
sab_ sob		sis_ sister	
sac_ such		sit_ sit,seat	
sad_ side		siv_ sieve	
saf_ soft		siw_ see why	
sag_ sag		six_ cease	
sah_ know		siy_ sea	
saj_ sage	wise F	siz_ seize,scissors	
sak_ sock		sob_ sober	on,over I
sal_ salt		soc_ society	
sam_ psalm		sod_ sod	
san_ song		sof_ sofa	

sog_	soak		tax_	tax	
soh_	some		taxi	taxi	
soj_	soldier		tay_	tie	
sok_	soak		taz_	toss	
sol_	sole,soul	sun IS	teb_	tab	
solo	solo	only I	tec_	attach	
som_	some		ted_	today	
son_	son		tef_		
sop_	soap		teg_	tag	
soq_	soak		teh_	thing	
sor_	sore		tehu	through	
sos_	source		tej_	told you	
sot_		under I	tek_	take	
sov_		so much G	tel_	tell	
sow_	sew,sow		tem_	tame	
sox_	social		ten_	ten	
soy_	soy		tep_	tap	
soz_			teq_	tech	
sub_	sub		ter_		earth FIS
suc_	such		teru	true	
sud_	south		tes_	test	
suf_	suffer		tet_	tit	
sug_		juice I	tev_		too much D
suh_	soon		tew_	to what,when	
su_	suggest		tex_	texture	
suk_	suck		tey_	tea	
sul_		on the I	tez_	things	
sum_	sum		tib_		lukewarm I
sun_	soon		tic_	teach	
sup_	soup		tid_	think that	
suq_		market A	tif_	thief	deep DG
sur_	sewer		tig_	tiger	
sus_		startle S	tih_	think	
sut_	suit		tij_		
suv_	survive		tik_	thick	
suw_	sewer		til_	till	
sux_		sushi J	tim_	team	
suy_	sue		tin_	teen,thin	
suz_	soothe		tip_	tip	
tab_	table		tiq_	tick	
tac_	attach		tir_	tear	pull FIS
tad_	tide		tis_	tissue	
taf_	tough		tit_	teeth	small F
tag_	tog		tiv_	active	
tah_	talk		tivu	television	
taj_			tiw_		
tak_	talk		tix_		table G
tal_	tall		tiy_	three	
tam_	time		tiz_	tease	
tan_	tan		tob_	tub	
tap_	type		toc_	torch	
taq_	attack		tod_	toad	
tar_	tar,tire		tof_	tough	
tas_	taste		tog_	together	
tat_	tot		toh_	to	
tav_		table I	toj_		
taw_	towel		tok_	token	

tol_	toll		vec_		
tom_	thumb		ved_	evade	
ton_	tone		vef_		
top_	top		veg_	very good	
toq_		touch I	veh_	very	
tor_	tower		vej_	vegetable	
tos_	toast		vek_		old I
tot_	tot		vel_		sail IS
toto	brother		vem_		
tov_			ven_	even	come FIS
tow_	toe		vep_		
tox_	toxic		veq_		bishop F
toy_	toy		ver_	very	
toz_	toes		vero		true I
tub_	tube		ves_		dress IS
tuc_	touch		vet_	vet	
tud_	to		vev_	velvet	
tuf_		dive I	vew_		
tug_	tug		vex_		
tuh_	too		vey_		
tuj_		still, always F	vez_		
tuk_	took		vib_	vibrate	
tul_	tool		vic_		vice I
tum_	tomb		vid_		empty F
tun_	tune		vif_		live F
tup_	troup		vig_	vigor	
tuq_		trick F	vih_	will	
tur_	tour		vij_	vigil	
tus_		cough F	vik_	evict	
tut_	tooth		vil_	will	vile FI
tuv_			vim_		
tuw_	two		vin_	vine	wine FIS
tux_	tuxedo		vip_	VIP	
tuy_	two		viq_		
tuz_	twos		vir_	viril	turn FI
vab_			vis_	visa	
vac_			vit_		life I
vad_	which		viv_		life F
vaf_		weapon G	viw_		
vag_	vague	wave F	vix_		
vah_	what		viy_	view	
vaj_		trip FI	viz_	visa	
vak_	vacuum	cow FIS	vob_		
val_	value		voc_	voice	
vam_		go IP	vod_	void	
van_	van		vof_		
vap_	vapor	steam FI	vog_	vogue	
vaq_	evacuate		voh_	or	
var_	vary		voj_		
vas_	vast		vok_	evoke	
vat_	vat		vol_	volume	
vav_	valve		vom_	vomit	
vaw_	vow		von_		from G
vax_		cow F	vop_		
vay_		go! I	voq_		
vaz_	what's	vase FIS	vor_		before G
veb_	verb		vos_		you P

vot_ vote
 vov_
 vow_ vow
 vox_
 voy_ voyage
 voz_ voice IS
 vub_
 vuc_
 vud_
 vuf_
 vug_
 vuh_ (escape) view
 vuj_
 vuk_
 vul_ full
 vum_
 vun_ wound
 vup_
 vuq_
 vur_
 vus_ desert G
 vut_ rage G
 vuv_ rain I
 vuw_ view
 vux_
 vuy_
 vuz_
 wab_ wobble
 wac_ watch
 wad_ wide, wad
 waf_ waffle
 wag_ wagon
 wah_ why
 waj_ wage
 wak_ walk
 wal_ wall
 wam_ warm
 wan_ one
 wap_ wipe
 waq_
 war_ wire
 was_ wise
 wat_ water
 wav_ wave
 waw_ wow!
 wax_ wash
 way_ wait
 waz_ why's
 web_ web
 wec_ witch
 wed_ weather
 wef_ waif
 weg_ weigh
 weh_ when
 wej_ wedge
 wek_ wake
 wel_ well

wem_ wham
 wen_ window
 wep_ whip
 weq_ whack
 wer_ worry
 wes_ west
 wet_ wet, wait
 wev_ wave
 wew_ whether
 wex_ wax
 wey_ way, weigh
 wez_ where's
 wib_
 wic_ which
 wid_ weed
 wif_ wife
 wig_ wig
 wih_ we
 wij_ widget
 wik_ week, weak
 wil_ wheel oil F
 wim_ whim
 win_ win
 wip_ weep
 wiq_ weak
 wir_ we're
 wis_ wise
 wit_ with
 wito_ without
 wiv_ we've, weave
 wiw_ tiny
 wix_ wish
 wiy_ whee!
 wiz_ whiz
 wob_ wobble
 woc_
 wod_ word
 wof_
 wog_
 woh_ where
 woj_
 wok_ work
 wol_ well G
 wom_ woman
 won_ want
 wop_
 woq_
 wor_ war
 wos_ worse
 wot_ worth
 wov_ woven
 wovo_ egg I
 wow_ whoa!
 wox_
 woy_ woy
 woz_ where's
 wub_

wuc_			xes_	anxious	
wud_	wood		xet_	shit	
wuf_			xev_	shave	hair F
wug_			xew_	shoe	
wuh_	woman		xex_		
wuj_	would you		xey_		
wuk_			xez_		chair F
wul_	wool		xib_		push G
wum_	woman		xic_		
wun_	wound		xid_		
wup_	whoop		xif_		askew G
wuq_			xig_		
wur_			xih_	she	
wus_		wurst G	xij_	siege	
wut_		anger G	xik_		send G
wuv_			xil_	shield	
wuw_	old woman		xim_	shim	
wux_	whoosh		xin_	machine	
wuy_	(exclamation)		xip_	sheep	
wuz_	woozy		xiq_		chic F
xab_	shabby		xir_	sheer	
xac_			xis_		
xad_	shade		xit_	sheet	
xaf_		sharp G	xiv_		
xag_	shag		xiw_		
xah_	shop		xix_		
xaj_			xiy_		ski FI
xak_	shock		xiz_	she's	
xal_	shawl		xob_		
xam_	shame		xoc_		
xan_	shine		xod_	showed	warm F
xap_	shop		xof_	showoff	
xapo		hat F	xog_	show again	
xaq_		rinse I	xoh_	show	
xar_	shower		xoj_		
xas_		chase F	xok_	shock	
xat_	shot		xol_	shoal	
xav_			xom_	show them	
xaw_	shawl		xon_		already G
xax_			xop_		strike I
xay_	shy		xoq_	shock	
xaz_	shops		xor_	shore	
xeb_			xos_		
xec_			xot_	shut	lap D
xed_	shed		xov_	shove	
xef_	chef		xow_	show	
xeg_			xox_		
xeh_	sure		xoy_		
xej_			xoz_	shows	thing F
xek_	shake		xub_		push G
xel_	shell		xuc_		
xem_	sham		xud_	should have	
xen_	shin	stage I	xuf_		
xep_	ship		xug_	sugar	
xeq_		check F	xuh_	should	
xer_	share		xuj_		
xeru	screw		xuk_	shuck	

xul_	school		yic_	each
xum_		foam I	yd_	one's
xun_	shun		yif_	
xup_		waste I	yig_	
xuq_			yih_	you (formal)
xur_	sure		yij_	
xus_			yik_	
xut_	shoot		yil_	yield
xuv_			yim_	
xuw_	shoe		yin_	
xux_	hush		yip_	
xuy_			yiq_	
xuz_	shoes		yir_	year
yab_			vis_	yeast
yac_			yit_	eat
yad_	yard		yiv_	eve
yaf_			yiw_	
yag_		hunt	yix_	
yah_	yes		yi_	
yaj_			yiz_	ease
yak_	yak		yob_	
yal_	you all		yoc_	
yam_		call S	yod_	iodine
yan_	yawn		yof_	
yap_	yap		yog_	yoga
yaq_	yak		yoh_	I
yar_	yard		yoj_	
yas_	yes		yok_	yoke
yat_	yacht		yol_	old
yav_	aye		yom_	I'm
yaw_	yaw		yon_	yon
yax_			yop_	opium
yay_	eye		yoq_	yolk
yaz_			yor_	yore
yeb_			yos_	bone FI
yec_			yot_	oath
yed_			yov_	I've
yef_			yow_	owe
yeg_		arrive S	yo_	
ye(h_)	refl.pronoun, yeh		yoy_	yoyo
yej_			yo_	
yek_	yuck		yub_	
yel_	yell		yuc_	
yelo	yellow		yud_	your
yem_			yuf_	
yen_	yen		yug_	
yep_	yes		yuh_	you
yeq_			yuj_	urge
yer_	every	yesterday FIS	yuk_	yucca
yes_	yes		yul_	you'll
yet_	yet		yum_	yummy
yev_	ever		yun_	young
yew_			yup_	yuppy
yex_			yuq_	
yey_			yur_	you're
yez_		now G	yus_	use
yib_			yut_	youth

yuv_	you've		zil_	zeal	
yuw_	you		zim_		
yux_	usual		zin_		
yuy_			zip_	zip	
yuz_	you are		ziq_		
zab_			zir_		
zac_			zis_	scissors	
zad_		seed D	zit_		hush I
zaf_		soft G	ziv_		
zag_	zag		ziw_		
zah_			zix_		
zaj_	massage		ziy_	easy	
zak_	exactly		ziz_	disease	
zal_	it was		zob_		let's go C
zam_	exam		zoc_		
zan_	sand		zod_		
zap_	zap		zof_		
zaq_		matter D	zog_		
zar_		tzar R	zoh_	so	
zas_			zoj_		stay I
zat_		time G	zok_	soak	
zav_	salve		zol_		
zaw_			zom_	zombie	
zax_			zon_	zone	
zay_	anxiety		zop_		limp I
zaz_			zoq_		
zeb_	zebra		zor_		fox S
zec_			zos_		
zed_			zot_		stupid D
zef_			zov_		much G
zeg_	message		zow_		
zeh_	they		zox_		
zej_			zoy_		
zek_			zoz_		
zel_			zub_		
zem_	them		zuc_		
zen_	zen		zud_		south FI
zep_			zuf_		too much G
zeq_	executive		zug_		train DG
zer_	zero	very G	zuh_	animate	
zes_	zest		zuj_		
zet_		set DG	zuk_		search D
zev_	they've		zul_		light blue I
zew_			zum_	zoom	
zex_			zun_		
zey_			zup_	supper	
zez_			zuq_		
zib_			zur_		blue I
zic_			zus_		sweet DG
zid_			zut_		drat! F
zif_			zuv_		
zig_	zig		zuw_		
zih_	easy		zux_		agree G
zij_			zuy_		
zik_		sick D	zuz_		together G

Appendix C: Basic English to Esata Vocabulary

Here translated into Esata is the famous Basic English Vocabulary list, amplified to about one thousand frequently used words. In many cases there are several alternative translations. We are often able to assign a two syllable Esata word to the English equivalent, under the column *Esata*. There are many cases of two syllable words assigned from foreign origins, under the column *Esata_f*. In these cases The column *f_org* indicates the origin of the foreign word (typically F-French, I-Italian, S-Spanish, D-Dutch, G-German, occasionally R-Russian; P-Portuguese, C-Chinese, J - Japanese, H-Hindi)

The Esata words end with an underline indicating that any of the terminal vowels *-e*, *-a*, and *-i* may be used, corresponding to the noun, verb, and adjective/adverb parts of speech corresponding to the English word. In the *3_sil* column are three syllable Esata words, always containing three consonants, but with vowel *-e* often omitted in writing. The *2_ry* column contains secondary choices for 3 syllable words, or longer words in case no shorter Esata equivalent was found to be suitable.

English	Esata	Esata_F	f_org	3_sil	f_org	2ry
a	ne(h_)					
able	heb_					
about		del_	FIS	hbot_		
account				kont_	IS	hakont_
acid				hasid_		
across		qer_	G	kros_		
act	hak_			hakt_		
addition	mor_			hdix_		hadixn_
adjustment				djus_		djust_
advertisement				hadv_		publ_ FIS
after		dop_	I	haft_		desp_ S
again	gen_			hegn_		ncor_ F
against		geg_	G	gens_		conter_ FIS
agreement		daq_	FIS	griy_		
air	her_	luf_	DG			
all	hal_	tut_	FI			
almost		qas_	I	hmos_		
among	mog_	mej_	R	mong_		
amount	mez_			mant_		
amusement	fun_	mus_	FIS	hmus_		
and	na(h_)					
angle				ngul_		
angry	mad_	boz_	DG	nger_		
animal				nmal_		hanmal_
answer				hans_		repl_
ant				hant_		formk_ FS
any	hin_					
apparatus	tul_			parat_		
apple		pom_	F	hapl_		
approval		zux_	G			hapruv_
arch	rac_			harc_		
argument				dput_	FIS	ragmen_
arm	ram_			brac_	I	hram_
army				hamiy_		serc_ I
art				hart_		kuns_ DG
as	hes_	qan_	IS			

English	Esata	Esata_F	f_org	3_sil	f_org	2ry
at	het_					
attack	taq_			htaq_		
attempt				htem_		prov_ I
attention				tenx_		htenx_
attraction						trakx_
authority	pow_					hator_
automatic				matk_		
awake	wek_			svel_ I		
baby	beb_					
back	bek_					
bad	ba(h_)	mal_	IS			
bag	bag_	sak_	FIS			
balance						blanz_
ball	bal_					
band				band_		
base	bas_					
basin				besn_		
basket				bask_		korb_ G
bath	bat_					
be	bi(h_)					
beautiful		xon_ G	belo I	butf_		
because	kaz_	beko	poq_ S			pekh_ S
bed	bed_	leto	I			
bee	biy_			haby_ F		
before	befo					
behavior				bhev_		
belief	bil_			blif_		cred_ I
bell	bel_					
bent				bend_		
berry				beriy_		
between				twi_		betwin_
bird				berd_		fogl_ DG
birth				born_		
bit	bet_					
bite				bayt_		mord_ FIS
bitter				bitr_		hamr_ F
black		ner_	I	blak_		negr_ FS
blade				bled_		
blood				blud_		sang_ F
blow				blow_		sufl_ F
blue		zur_	I	bluw_		blaw_ DG
board		tav_	I	bord_		
boat	bot_					
body	bad_			korp_ FIS		
boil		buy_	FI			
bone	bon_	ben_	DG			
book	buk_			libr_ IS		
boot	but_					
bottle				botl_		fles_ DG
box	bok_			bwat_ F		skat_ I
boy	bo(h_)			gars_ F		
brain				bren_		cerv_ I
brake				brek_		fren_ FIS
branch		ram_	I	brac_		
brass				bres_		

English	Esata	Esata_F	f_org	3_sil	f_org	2ry
bread		pan_	FIS	bred_		brod_ DG
breath				bret_		haln_ F
brick				brik_		maton_ I
bridge				brij_		pont_ FIS
bright				brat_		
broken				brek_		
brother		toto		brot_		frat_ I
brown				brun_		
brush				brux_		
bucket				bukt_		seky_ I
building				bild_		
bulb				bulb_		
burn		bun_		bern_		brul_ F
burst				burs_		skop_ I
business		biz_				
but		be(h_)		pero	IS	
butter				butr_		
button				butn_		
by		bay_				
cake		kek_		tort_	FIS	
camera				kamr_		
canvas				kanv_		
card				kard_		
care		ker_				
carriage				karj_		
cart				kart_		
cat		kat_		gato	IS	
cause		kas_		bkas_		pask_ F
certain				sert_		
chain		cen_		katn_		
chalk				caik_		
chance				cans_		
change				cenj_		kamb_ I
cheap		cip_		bomax_	F	bileg_ G
cheese		ciz_	kas_ DGS			
chemical		cem_				kemkal_
chest		ces_		cest_		
chief		cif_				
chin		cin_				
church				cerc_		gliz_ F
circle		ran_				cirkel_
clean				klin_		
clear				klir_		
clock				klok_		
cloth				klot_		
cloud		nuv_	IS	klud_		
coal				kohl_		karbon_
coat		kot_		mant_	FI	
cold		qu(h_)	kul_	kold_		
collar				kalr_		
color		qer_		kolr_		farb_ G
comb		komb_				
come		ko(h_)	ven_ FIS			
comfort				komf_		
committee						kmitiy_

English	Esata	Esata_F	f_org	3_sil	f_org	2ry
common				kamn_		kmun_ FGIS
company				kopn_		kopniy_
comparison						kompar_
competition				kompet_		
complete				plit_		
complex				plex_		
condition				dixon_		kdixn_
connection				knek_		
conscious				konx_		
control				kotrol_		
cook	kuk_					
copper				kopr_		
copy	kap_			kapy_		
cord				kord_		
cork				kork_		
cotton				kotn_		
cough	kof_					
country		pas_	FIS			kontir_
cover	kov_			kovr_		
cow	kuw_	vak_	IS			
crack				krak_		
credit				kred_		
crime				krim_		
cruel				krul_		krudl_ I
crush				krux_		
cry				kray_		
cup	kup_	tas_	FIS			
current				kurn_		
curtain				kert_		kertn_
curve				kurv_		
cushion				kuxn_		
damage				damj_		
danger				denj_		pligr_ I
dark				dark_		skur_ IS
daughter	dot_	fil_	FIS			
day	dey_	tag_	DG	jurn_	FI	
dead	ded_	tot_	G	mort_	FIS	
dear	dir_	karo	IS			
death	ded_	tot_	G			
debt	det_					
decision				dsad_		
deep	dip_					
degree				digr_		
delicate				dlik_		frac_
dependent				dpen_		
design				dsan_		
desire				dsar_		lust_ G
destruction				sroy_		sruk_
detail				dtel_		
development	dev_					
different	dif_					
digestion				dijes_		
direction				drek_		
dirty				dirt_		
discovery				skov_		

English	Esata	Esata_F	f_org	3_sil	f_org	2ry
discussion				dikus_		
disease	ziz_			dziz_		
disgust				sgus_		
distance				distas_		
distribution				srib_	sribut_	
division	div_					
do	du(h_)					
dog	dog_	kan_	I	hund_	DG	
door	dor_			port_	FIS	
doubt	dut_					
down	don_					
drain				dren_		
drawer				drar_	drawr	
dress	ves_			dres_	vest_	
drink	bev_	I		drin_	drink_	
driving				drav_	kdir_	FIS
drop	dap_	goc_	I	drop_		
dry		sek_	FIS	drah_	trok_	DG
dust	dus_			dust_	polv_	IS
ear	hir_					
early				herl_	fruh_	DG tepr_I
earth		ter_	I	velt_	DG	
east				hist_		
edge	jej_	filo	I			
education				jket_		
effect				fekt_		
egg	heg_	wovo	I			
elastic				latik_		
electric				letik_		
end		fin_	FIS	hen_		
engine	jen_	mot_		njen_	motr_	
enough	nof_					
equal	qal_			hgal_	FIS	
error	yer_			hrer_	sbal_	I
even	ven_	par_	I	hven_		
event				hevt_	suces_	I
ever	hev_	tuj_	F		semp_	I
every		xak_	F	hevr_		
example				zamp_	zampel_	
exchange				xcej_	skam_	I
existence	bi(h_)			ksis_		
expansion				spax_		
experience				pirn_	spirn_	
expert				spert_		
eye	yay_	hok_	I			
face	fac_					
fact	fak_			fakt_		
fall	fal_	kad_	I			
false				fals_		
family	fam_			faml_		
far	far_					
farm				farm_		
fat	fet_			gras_	FI gord_	S
father		bab_I		fatr_	padr_	IS
fear	fir_			phur_	I	

English	Esata	Esata_F	f_org	3_sil	f_org	2ry
feather				fetr_		plum_ FIS
feeble	wik_			dbil_	FI	
feeling	fi(h_)	fil_		sent_	FIS	
female	fem_			feml_		
fertile				fert_		
fiction	fik_			fikt_		
field				fild_		feld_ DG
fight	fat_			fayt_		kamf_ G
finger		dit_	I	fing_		
fire				fayr_		fwok_ IS
first				fers_		prim_ IS
fish	fis_	pex_	S			
fixed	fix_					
flag				fleg_		drapo F
flame				flem_		
flat				flet_		plat_ F
flight		vol_	FI	flat_		flug_ DG
floor				flor_		
flower				flur_		blum_ DG
fly		vol_		flat_		
fold				fold_		pliy_ F
food	fud_	ci(h_)	I			
foolish	ful_	sot_	F			
foot	fut_	pey_	F			
for	fo(h_)	per_	I			
force	fos_			fors_		makt_ DG
fork				fork_		
form				form_		
forward				forw_		
fowl	ber_			fowl_		
frame				frem_		qadr_ IS
free		lib_	FIS	friy_		
frequent				frek_		
friend		mik_	I	frin_		
from	fom_	von_	G	desd_	S	
front				fron_		dvon_ F
fruit				frut_		
full	fol_					
future	fu(h_)					
garden				gadm_		jard_ FIS
general				jenr_		genral_
get	ge(h_)					
girl	ga(h_)					
give	gi(h_)					
glass				glas_		vidr_ S
glove	gov_			glov_		gant_ FIS
go	go(h_)					
goat	got_			kapr_	FI	
gold		horo	IS	gold_		
good	gu(h_)	bon_	F	gut_	G	
government	gov_			govm_		govmen
grain				gren_		
grass				gras_		
great				gret_		gran_ FIS
green				grin_		verd_ FIS

English	Esata	Esata_F	f_org	3_sil	f_org	2ry
grey				grey_		gris_ FIS
grip				grep_		
group				grup_		
growth				grow_		krex_ IS
guide	gid_			giyd_		
gun	gun_					
hair	har_	xev_	F			
hammer				hamr_		
hand	han_			hand_		
hanging				hang_		
happy	hap_			fliz_	S	
harbor	bey_			harb_		
hard	har_	dur_	FIS			
harmony				hamn_		
hat	hat_	xapo	F			
hate				heyt_		hodiy_ IS
have	ha(h_)					
he	hi(h_)					
head	hed_			kapo	I	kopf DG
healthy		sano	IS	helt_		gsun_ DG
hear				hiyr_		sent I
heart		qor_	FIS	hart_		herz_ DG
heat	hit_			kalor_	S	hitz_ G
help	hep_			help_		
high	hay_	hok_	DG			
history				hist_		histr_
hole	hol_	buko	I			
hollow	holo					
hook	huk_			ganc_	I	
hope	hop_			sper_	I	
horn				horn_		
horse				hors_		xval_ F
hospital				ptal_		hoptal_
hour	hor_	hur_		stun_	DG	
house	has_	hus_		haws_		mzon_ F
how	ho(h_)					
humour	hum_			humr_		
I	yo(h_)					
ice		jel_	I	hays_		
idea	diy_					
if	fe(h_)					
ill		zik_	D	malad_	F	
important				mpor_		mport_
impulse				mpul_		mpuls_
in	ni(h_)					
increase				kris_		gman_ F
industry				ndus_		ndust_
ink				hink_		
insect	bug_			nsek_		
instrument				srum_		srumn_
insurance				nxur_		nxurs_
interest						nteres_
invention				nven_		nvenx_
iron		fer_	FIS	harn_		

English	Esata	Esata_F	f_org	3_sil	f_org	2ry
island				halan_		hisl_ FIS
jelly	jel_					
jewel	jul_	biju	F			
join	jon_			jown_		
journey				jurn_		
judge	juj_					
jump	jum_			jump_		
keep	ki(h_)	kip_		tenr_	FIS	
kettle				ketl_		
key	kiy_					
kick	kik_					
kind				kand_		
kiss	kis_	bac_	I			
knee	niy_	jenu	F			
knife	naf_					
knot	not_					
knowledge	sa(h_)	ken_		nolj_		
land	lan_	pas_	FI	land_		
language				lang_		
last	las_					
late	let_					
laugh	laf_					
law	law_					
lead	lid_					
leaf	lif_					
learning	ler_			lern_		
leather				ledr_		kwoy_ I
left	lef_					
leg	leg_			gamb_	I	
let	le(h_)					
letter				letr_		
level				levl_		
library				libr_		
lift				lift_		
light		luz_	IS	layt_		
like	la(h_)	lak_				
limit				limt_		
line	lin_					
linen		lino	IS			
lip	lep_			labr_	I	
liquid	liq_			liquid_		
list				list_		
little	li(h_)	lil_		ptiy_	F	
living	lev_	viv_	FIS			
lock	lok_					
long				long_		
look	luk_					
loose	lus_					
loss	los_			perd_	FIS	
loud				lawd_		lawt DG
love	lo(h_)	lov_				
low	low_					
machine	max_			maxn_		
make	mek_					
male	ma(h_)	mac_	IS			

English	Esata	Esata_F	f_org	3_sil	f_org	2ry
man	ma(h_)	man_				
manager						manejr_
map	map_					
mark				mak_		
market				mark_	IS	markt_
married	mar_			marj_		spos_ FIS
mass	mas_					
match	mec_			fosf_	IS	
material				matir_		
may	me(h_)					
meal	mil_			mahl_	G	
measure				mexr_		
meat	mit_			karn_	IS	
medical	med_			medk_		
meeting	mit_			mitn_		
memory	mem_					
metal	met_			metl_		
middle	mid_					
military						milter_
milk		lec_	S	melk_		
mind				mand_		
mine	mi(de)	min_	FIS			
minute	minu			minut_		
mist				mist_		
mixed	mix_					
money	do(h_)	mon_		dnar_	IS	geld_ G
monkey		mono	S	sanj_	F	monkiy_
month				mont_		
moon	mun_	lun_	FIS			
morning				morn_		matn_ F
mother		mam_		mutr_		
motion	muv_					
mountain				mont_		
mouth		bok_	IS	mawt_		
move	muv_			muvm_		
much	muc_	boku	F			
muscle	mus_			musl_		
music				musik_		
nail	nel_			klav_	S	
name	nem_	nom_	FIS			
narrow	nar_	naro				
nation	lan_			naxn_		
natural				natur_		
near	nir_					
necessary	nes_			nesr_		
neck	nek_					
need	nid					
needle				nidl_		
nerve				nerv_		
net	net_					
new	nu(h_)	new_	nuvo F			
news	nuz_			nuvl_	F	notiz_ I
night	nat_	noc_	I	nayt_		
no	no(h_)					

English	Esata	Esata_F	f_org	3_sil	f_org	2ry
noise	nos_	rumo	FI	nows_		
normal				norm_		
north	nor_			nord_		
nose		nas_	IS			
not	no(h_)					
note	not_					
now	naw_	yez_	G			
number	num_					
nut	nut_	nus_	G			
observation				zerv_		bzerv_
of	fa(h_)					
off	fof_					
offer				hofr_		gbot_ G
office	buro			hofis_		
oil		wil_	F	hoyl_		
old	hod_	vek_	I	yold_		
on	hon_	sob_	I			
only		solo	FIS	honl_		
open				hopn_		brir_ S
operation						prexn_
opinion				piny_		pinyen_
opposite		geg_	D	hapsit_		kontr_ F
or	vo(h_)					
orange				harj_		harenj_
order				hord_		
organization	rog_					rogans_
ornament				ronm_		
other				hotr_		
out	haw_					
oven				hovn_		
over		sob_	I	hovr_		
owner				hown_		propr_
page	pej_	paj_	FI			
pain				peyn_		dulr_ FIS
paint				pent_		
paper				papir_		
parallel				parl_		parlel_
parcel				pars_		parsel_
part	pat_			part_		
past	pa(h_)			past_		
paste		peg_	S	pest_		kleb_ DG
payment	pe(h_)	pem_				
peace	pis_	paz_	S			
pen	pen_					
pencil				pens_		pensil_
person				pers_		persen_
physical				fisk_		fisikl_
picture	pex_			pexr_		pikxur_
pig	pig_					
pin	pin_					
pipe	pip_					
place	lu(h_)			ples_		
plane				plen_		
plant						plant_
plate				plet_		
play				pley_		

English	Esata	Esata_F	f_org	3_sil	f_org	2ry
please	pi(h_)			pliz_		
pleasure				plex_		
plough				plow_		
pocket				pokt_		
point				pont_		
poison				posn_		
polish				polx_		
political						poltik_
poor	por_	pov_	FIS			
porter				potr_		
position						psixn_
possible				posb_		posbel_
pot	pot_					
potato						potato
powder				pawd_		puodr_ F
power	po(h_)			powr_		
present		kado	F	pres_		
price	kos_			pras_		prez_ I
print				pren_		druk_ G
prison				priz_		prij_ I
private				priv_		
probable						prabl_
process				pros_		proses_
produce				prod_		
profit	gan_					proft_
property				prop_		proptiy
prose				proz_		
protest						protes_
public				publ_		publik_
pull	pul_	tir_	FIS			
pump				pomp_		
punishment				punx_		
purpose		but_	F	skop_	I	purpos_
push	pux_	xib_	G			
put	pu(h_)	put_				
quality				qalt_		kalit_ FI
question	qe(h_)			dman_	FI	frag_ DG
quick	qik_					
quiet	qat_	ruh_	G	qayt_		tranq_ F
quite	qat_					
rail				reyl_		
rain	ren_	yuv_	S			
range				renj_		
rat	rat_					
rate	ret_					
ray	ray_					
reaction				rakx_		rakxen
reading	rih_	rid_	lir_ F			
ready	red_			rediy_		pret_ F
reason				risn_		
receipt				rsit_		
record				rkor_		
red	red_	ruj_ F	ros_ I			
regret				regr_		regret_
regular				rgul_		rgular_

English	Esata	Esata_F	f_org	3_sil	f_org	2ry
relation				rlex_		rlexn_
religion				relg_		relgn_
representative				repr_		
request	req_			rqes_		
respect				spek_		rspek_
responsible						spons_
rest	res_			rest_		
reward	rew_			rwar_		prem_ I
rhythm				ritm_		
rice	ris_					
right	ra(h_)			rayt_		just_ F
ring	rin_	nelo	I			
river	riv_	riyo	S			
road	rod_			xmen	F	kamino S
rod	rad_					
roll	rol_					
roof	ruf_					
room	rum_					
root	rut_					
rough	rof_			grob_	G	
round	ran_			rond_		
rub	rub_					
rule	rul_					
run	re(h_)					
sad	sad_					
safe	sef_					
sail		vel_	FIS	segl_	DG	
salt	sal_					
same	sem_					
sand	san_					
say	se(h_)					
scale				skal_		
school				skul_		
science				sans_		
scissors	siz_					
screw	xeru					
sea	siy_	mar_	IS			
seat	sit_					
second				tuyd_		sekn_
secret	seg_					
secretary				segr_		
see	si(h_)	ved_	I			
seed	sid_	sem_	FI			
seem	sim_					
selection				slek_		
self				self_		
send	sen_					
sense				sens_		
separate				spar_		
serious				sirus_		
servant				serv_		
sex	sex_			seks_		
shade	xad_					
shake	xek_					
shame	xam_					

English	Esata	Esata_F	f_org	3_sil	f_org	2ry
sharp				xarp_		filat_ IS
sheep	xip_					
shelf				xelf_		
ship	xep_					
shirt				xirt_		kamic_ I
shock	xok_					
shoe	xuw_					
short				xort_		kort_ D
shut	xut_			ferm_ FIS		
side	sad_					
sign	sin_			sayn_		
silk				sil_		
silver				silv_		
simple				simp_		simpel_
sister	sis_	sisi		sorl_ I		
size	saz_					
skin		pel_ IS		skin_		
skirt		gon_ I		skir_		skirt_
sky		cel_ I		skay_		
sleep				slip_		dorm_ FI
slip				slep_		
slope				slop_		
slow				slow_		lent_ FIS
small		tit_ F		smol_		klen_ DG
smash				smax_		
smell				smel_		
smile				smal_		srir_ F
smoke		fum_ FIS		smok_		
smooth				smut_		
snake				snek_		serp_ FIS
sneeze				sniz_		
snow		nej_ F		snow_		
so	zo(h_)					
soap	sop_					
society	soc_			soct_		
sock	sok_					
soft	sof_					
solid				solid_		
some	so(h_)	som_				
son	son_					
song	san_			song_		xans_ F
sort	sor_			triy_ F		
sound				sond_		swon_ I
soup	sup_					
south		sud_ FI		sawt_		
space				spas_		
spade				spad_		
special				spex_		
sponge				ponj_		sponj_
spoon				spun_		
spring		mol_ I		prin_		pring_
square		qad_ I		sqer_		
stage		xen_ I		stej_		
stamp				stam_		timr_ FIS
star				star_		stel_ IS

English	Esata	Esata_F	f_org	3_sil	f_org	2ry
start				stat_	bgin_	komic_ I
statement	seh_			fras	FI	stemn_
station				stex_		stexn_
steam		vap_	FI	stim_		
steel				stil_		
stem				stem_		
step		paso	S	step_		
stick				stek_		baston_ FIS
sticky		peg_	IS	stik_		
stiff				stif_		
still		tuj_	F	stel_		
stitch				stic_		kucir_ I
stocking	sok_			stok_		
stomach				stom_		panc_ IS
stone				ston_		petr_ IS
stop				stop_		halt_
store				stor_		
story	his_			hist_	F	storiy_
straight				sret_	drek_	drit_ I
strange				wird_		srenj_
street		kay_	S	srit_		
stretch				srec_		sten_ I
strong				sron_		fort_
structure				sruk_		sruktur_
substance				matr_		sust_ IS
such	suc_					
sudden	qik_			sudn_		
sugar	xug_			sukr_	FIS	
suggestion	suĵ_			suĵes_		
summer				somr_		vran_ S
sun	son_	sol_	FIS			
support				supor_		
surprise						supraz_
sweet		dul_	IS	zus_	DG	
swim				swit_		
system				swim_		
table	tab_	tix_	G	sist_		sistem_
tail		kod_	I	tabl_		
take	tek_	nem_	DG	teyl_		
talk	ta(h_)	tak_		pren_	FI	
tall	tal_			parl_	FI	
taste	tas_			tast_		
tax	tax_			taks_		
teaching	tic_	ler_	DG			
tendency				tend_		
test	tes_			prov_	I	
than	dan_					
that	da(h_)					
the	de(h_)					
then	den_					
theory				tiriy_		
there	dar_					
thick	tik_	dik_	DG			
thin	tin_	dun_	G			
thing	te(h_)	xoz_	F	teng_		ding_ DG

English	Esata	Esata_F	f_org	3_sil	f_org	2ry
this	di(h_)					
thought	ti(h_)			tink_		
thread		filo	I	tred_		
throat				trot_	gorj	F
through	tehu			trav_	FI	
thumb	tom_			polc_	I	
thunder				tund_		twon_ I
ticket				tikt_		biyt_ FIS
tight	tet_					
till	til_	bis_	I			
time	tam_	zat_	G	tempo	IS	
tin				tihn_		blek_ G
tire	tar_					
to	to(h_)					
toe	tow_					
together	tog_	zuz_	G	toget_		
tomorrow		dem_	F	tmar_		
tongue				tong_		lang_ F
tooth	tut_			dent_	FIS	
top	top_					
touch	tuc_					
town				tawn_		
trade				tred_		
train				tren_		
transport		mez_	I			trasp_
tray				trey_		
tree		bom_	DG	trih_		
trick				trik_		truk_ F
trouble				trub_		trubl_
trousers				tros_		pans_
true	teru	vero	IS	truh_		
turn		vir_	FI	turn_		
twist				twis_		
umbrella				brcl_		
under	ju(h_)	sot_	I	hund_		
unit				yunit_		
up	hup_					
use	yus_					
value	val_			valuw_		
verse				vers_		
very	ver_	zer_	G	hoc_	R	
vessel				vesl_		
view	vuw_					
violent				valn_		
voice		voz_	IS	voys_		
waiting	wet_			weyt_		wart_ DG
walk	wak_	gan_	DG	walk_		
wall	wal_	mur_	FIS			
war	wor_			gwer_	FIS	krig_ DG
warm	wam_	xod_	F	warm_		
wash	wax_	lav_	FIS			
waste	was_			wast_		
watch	wac_					sorv_ FIS
water	wat_	haq_	IS	watr_		
wave	wev_					

English	Esata	Esata_F	f_org	3_sil	f_org	2ry
wax				waks_		
way	wey_					
weather	wed_			wedr_		temp_ S
week	wik_			sman_	FIS	
weight	wey_	peso	S			
well	wel_	gut_DG	bon_FI			
west	wes_			west_		
wet	wet_	nas_	G			
wheel	wil_					
when	we(h_)	qan_	F			
where	wo(h_)					
while				wayl_		wern_ G
whip	wep_			fwet_	F	
whistle				wisl_		fisk_ I
white				wayt_		blan_ F
who	hu(h_)	qen_	S			
why	wa(h_)	peq_	IS	warum	DG	
wide	wad_			wayd_		hanc_ IS
will	vi(h_)					
wind				wind_		vent_ FIS
window	wen_			wenow		fnet_ F
wine		vin_	IS	wayn_		
wing				wing_		
winter				wint_		vern_ IS
wire	war_			wayr_		
wise	was_	saj_	FI			
with	wit_	kon_	FIS			
woman	wu(h_)	fem_	FI	wum_		
wood	wud_					
wool	wul_					
word	wod_			word_		
work	wok_			work_		trav_ F
worm				worm_		verm_ F
wound	wun_			wund_		
writing	rat_			rayt_		
wrong	ro(h_)			ron_		fals_ FIS
year	yir_			hano	FIS	
yellow				yelo		jalo I
yes	ya(h_)	yes_				
yesterday		yer_	FIS	yest_		
you	yu(h_)	yi(h_)				
young	yun_	jov_	I	yung_		

Appendix D: English to Esata Transcription

This section contains an English to Esata translation. The English words are taken from a complete list containing nearly ten thousand words. The frequency of word usage is indicated by the number in the left column (1=least, 9=most). This shows how English vocabulary can be transcribed into Esata. Only equivalents of English words are given, foreign source equivalents are not mentioned.

7	a	ne	4	accompany	komniya
3	abandon	habadon	1	accomplish	kompla
3	abbey	habey	1	accomplishment	kompl
1	abilities	habilitz	7	accord	hakor
8	ability	habilit	4	accordance	hakor
1	a_bit	ne bit	5	according	hakori
8	able	habl	2	accordingly	hakori
3	abnormal	hanorm	9	account	hakont
1	aboard	bord	2	accountability	hakontbeli
1	abode	habod	1	accountable	hakontbel
1	abolish	habolxa	1	accountancy	hakonti
2	abolition	habolx	3	accountant	hakontr
3	abortion	haborx	1	accountants	hakontrez
7	about	habot	3	accounting	hakont
8	above	habov	2	accounts	hakontz
7	abroad	habrod	3	accumulate	kumla
3	abruptly	habrup	4	accumulation	kuml
7	absence	habsen	3	accuracy	kurat
6	absent	habseni	2	accurate	kurati
4	absolute	hasolut	2	accurately	kurati
3	absolutely	hasoluti	2	accusation	quz
3	absorb	bsora	1	accusations	quzez
3	absorption	bsor	5	accuse	quza
5	abstract	besrak	2	accused	quzda
3	absurd	bsur	2	accustom	kusta
1	abundant	habundi	1	accustomed	kusti
3	abuse	habus	5	ache	hek
1	ac	hahcih	3	achieve	civa
3	academic	hakademi	4	achievement	haciv
1	academics	hakademz	7	acid	hasid
3	academy	hakadem	1	acids	hasidz
1	accelerate	selreta	4	acknowledge	haknalja
2	acceleration	selret	1	acknowledged	haknaljad
3	accent	haksen	2	acquaintance	haqetn
7	accept	hasepta	3	acquire	haqara
3	acceptable	hasepti	2	acquired	haqarda
3	acceptance	hasept	1	acquiring	haqara
2	accepted	haseptda	3	acquisition	haqar
1	accepts	hasepta	1	acquisitions	haqarz
3	access	haces	2	acre	heker
3	accessible	hacesi	1	acres	hekerz
8	accident	ciden	7	across	hkros
3	accidental	cideni	9	act	hak
1	accidentally	cideni	1	acted	hakda
1	accidents	cidenz	2	acting	haki
2	accommodate	komdeta	8	action	hakx
3	accommodation	komdet	1	actions	hakxez
1	accompanied	komnida	1	activate	haktiva

7	active	haktivi	2	advent	havent
3	actively	haktivi	7	adventure	havetur
3	activist	haktivr	3	adverb	haveb
1	activities	haktivz	3	adverse	haversi
7	activity	haktiv	5	advertise	hadvetaza
8	actor	hakter	4	advertisement	hadvetaz
6	actress	haktes	7	advice	havas
2	acts	haka	7	advise	havasa
7	actual	hakxul	2	advised	havasad
3	actually	hakxuli	3	adviser	havasor
3	acute	hakuti	1	advisers	havasorz
2	ad	had	3	advisory	havasori
3	adapt	dapta	3	advocate	havoketa
3	adaptation	dapt	3	aesthetic	steti
1	adapted	daptad	1	a_few	ne few
9	add	hada	8	affair	hafer
3	added	hadad	2	affairs	haferz
2	adding	hadi	5	affect	hafeka
6	addition	hadix	2	affected	hafekda
3	additional	hadixi	1	affecting	hafeki
2	additions	hadixz	3	affection	hafek
8	address	hadres	1	affects	hafeka
2	addressed	hadresda	2	affinity	hafint
1	adds	hada	2	affirm	hafirma
3	adequate	hadqati	6	afford	hafora
1	adhere	dhera	6	afraid	hafredi
2	adhesive	hadisi	1	Africa	hafriku
3	adjacent	hajesi	8	after	haft
5	adjective	hajektiv	1	aftermath	haftmet
1	adjoin	hajona	7	afternoon	haftnun
2	adjust	hajusa	5	afterwards	haft
4	adjustment	hajus	8	again	gen
1	adjustments	hajusez	8	against	gens
1	administer	minesreta	7	age	hej
5	administration	minesret	4	aged	hejda
3	administrative	minesreti	1	agencies	hjensez
4	administrator	minesretr	6	agency	hjens
3	admiration	hamir	3	agenda	hjend
6	admire	hamira	6	agent	hjent
4	admission	hamit	1	agents	hjentz
6	admit	hamita	2	ages	hejez
1	admittance	hamit	3	aggregate	greget
1	admitted	hamitda	3	aggression	grex
1	admittedly	hamitdi	2	aggressive	grexi
4	adopt	hadapta	1	agitate	gteta
1	adopted	hadaptad	7	ago	hago
1	adopting	hadapta	3	agony	gonih
3	adoption	hadapt	1	a_good_deal	ne gudil
1	adorn	hadorna	1	a_great_deal	ne greti dil
7	adult	hadult	7	agree	griya
1	adults	hadultz	3	agreed	griyad
8	advance	havansa	1	agreeing	griyi
4	advanced	havansad	5	agreement	griy
2	advancement	havans	1	agreements	griyz
1	advances	havansez	4	agricultural	grikuli
8	advantage	havantej	6	agriculture	grikul
1	advantages	havantejz	3	ah	hah

7	ahead	hedi	2	alright	zara
6	aid	heyd	8	also	hals
9	aim	heyM	3	altar	haltar
1	aims	heyMa	4	alter	haltera
8	air	her	3	alteration	halter
7	aircraft	herkraf	1	alterations	halterz
1	airforce	herfos	1	altered	halterda
4	airline	herlin	1	alternate	halteri
2	airmail	hermel	3	alternative	ternativ
5	airplane	herplen	2	alternatively	ternativi
6	airport	herpor	1	alternatives	ternativz
1	airship	herxip	7	although	haldoht
3	alarm	hlarm	7	altogether	haltogeti
1	alas	hlas	3	aluminium	lumin
2	albeit	biht	6	always	lawez
3	album	habum	3	am	bi
7	alcohol	kahol	2	a.m.	fonun
2	ale	hayl	3	amateur	matur
4	alert	hlerta	1	amaze	meza
3	alien	helyan	2	amazing	mezi
7	alike	halaki	3	ambassador	basdor
1	aliment	halmin	3	ambiguity	bigut
1	a_little	ne lil	2	ambiguous	biguti
7	alive	levi	4	ambition	bixn
8	all	hal	1	ambitions	bixnz
1	all_but	halbe	3	ambitious	bixi
1	allegation	halej	3	ambulance	blans
1	allegations	halejez	1	ameliorate	meyora
2	allege	haleja	2	amend	hamen
2	alleged	halejad	3	amendment	hamenmet
2	allegedly	haleji	1	amendments	hamenmetz
1	allegiance	halijens	1	America	meru
3	alliance	halayn	2	american	meruni
3	allied	halayi	1	American	meru
1	allies	halayz	1	americans	merunz
1	allocate	halketa	2	amid	nimidi
1	allocated	halketad	2	ammunition	munix
3	allocation	halket	7	among	mog
9	allow	halawa	4	amongst	mog
4	allowance	halaw	8	amount	munt
1	allowances	halawz	1	amounts	muntz
1	allowed	halawda	2	amp	hamp
2	allowing	halawi	2	ample	hampli
1	allows	halawa	4	amuse	muza
2	alloy	haloy	5	amusement	muz
1	all_right	halra	1	amusing	muzi
1	all_the_same	haldesem	6	an	ne
5	ally	halay	3	analogy	nalog
7	almost	halmos	4	analyse	nalaza
8	alone	loni	1	analysed	nalazda
8	along	hlon	1	analyses	nalaza
2	alongside	lonsad	4	analysis	nalaz
1	along_with	hlonwit	2	analyst	nalazr
1	a_lot	nelot	1	analysts	nalazerz
6	aloud	lawdi	2	analytical	nalisi
3	alphabet	hafbet	2	analyze	nalisa
7	already	hredi	1	anarchy	narkiy

3	ancestor	cest	6	apparatus	parat
1	ancestors	cestez	2	apparel	haprel
8	ancient	hanxi	4	apparent	hapari
8	and	na	3	apparently	hapari
1	and/or	navo	4	appeal	hapil
1	and_so_on	nasona	1	appealing	hapili
3	angel	njel	2	appeals	hapila
2	angels	njelz	8	appear	hapira
6	anger	mad, nger	8	appearance	hapirn
8	angle	ngel	1	appearances	hapirnez
2	angles	ngelz	1	appeared	hapirda
2	angrily	grili	2	appearing	hapiri
8	angry	ngeri	1	appears	hapira
9	animal	nmal	1	appellation	plelaxn
1	animals	nmalz	3	appendix	pendix
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4	anniversary	nivser	1	applaud	haploda
4	announce	nawensa	1	applause	haplod
1	announced	nawensad	8	apple	hapl
3	announcement	nawens	2	apples	hapelz
2	announcer	nawenser	2	applicable	pladi
1	announcing	nawensa	2	applicant	plader
4	annoy	noya	1	applicants	pladerz
2	annoyance	noy	5	application	plad
3	annual	nuwali	2	applications	pladz
2	annually	nuwali	3	applied	pladi
1	annul	hanul	1	applies	plada
3	anonymous	nonemi	6	apply	plada
7	another	hnot	1	applying	pladi
8	answer	nsera	6	appoint	haponta
1	answered	nserda	3	appointed	hapontad
2	answering	nseri	4	appointment	hapont
1	answers	nsera	1	appointments	hapontz
6	ant	fomik	3	appraisal	presel
3	antibody	hanibod	2	appreciate	prixeta
1	anticipate	ticipata	1	appreciated	prixetad
1	anticipated	ticipatd	2	appreciation	prixet
2	anticipation	ticipat	5	approach	proca
6	anxiety	xes	1	approached	procda
6	anxious	xesi	1	approaches	proca
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4	anybody	nibod	2	appropriately	propreti
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5	anyway	niwey	2	aquarium	qaryum
6	anywhere	niwo	2	arab	rabu
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5	apartment	patmen	2	arc	hark
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1	archive	harkav	1	as_far_as	hes far hes
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2	areas	riyz	6	ash	hax
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1	arose	haroza	1	as_regards	hes rigarz
7	around	ron	2	ass	hars
2	arouse	rawsa	1	assail	hsela
7	arrange	hrenja	3	assault	hsalta
1	arranged	hrenjad	2	assay	hsalya
6	arrangement	hrenj	1	assemblage	sembel
1	arrangements	hrenjz	1	assemble	sembela
3	array	hrey	4	assembly	sembel
6	arrest	hrest	3	assert	serxa
2	arrested	hrestad	3	assertion	serx
6	arrival	hrav	2	assertive	serxi
9	arrive	hrava	2	assess	sesa
1	arrived	hravad	1	assessed	sesad
1	arrives	hrava	1	assessing	sesi
1	arriving	hravi	3	assessment	ses
6	arrow	hrow	1	assessments	sesez
9	art	hart	4	asset	hset
1	artefact	hatefak	2	assets	hsetz
2	artery	hartr	1	assign	hsana
8	article	rtikl	1	assigned	hsanda
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6	artificial	rtifizi	4	assistance	sist
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2	artisan	hartisn	1	assistants	sistenz
5	artist	hartis	4	associate	soxeta
3	artistic	hartisi	3	associated	soxetad
1	artists	hartiz	7	association	soxet
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3	assumption	hsum	1	attractions	hatrakz
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1	assure	hxura	1	attributed	hatribda
2	assured	hxurda	1	attributes	hatriba
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7	balance	balens	7	block	blok
8	ball	bal	8	blood	blud
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8	bar	bar	8	blue	bluw
7	bare	bar	8	board	bor,bord
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8	bell	bel	8	brick	brik
8	belong	blon	8	bridge	brij
7	below	bilow	7	bright	brat
8	belt	belt	9	bring	brin
7	bend	bend	7	broad	brodi
6	beneath	bnit	6	broadcast	brodkas
7	beside	bsad	7	brother	brot
5	besides	bsadz	8	brown	brun
7	best	bes	8	brush	brux
7	better	ber	7	bucket	bukt
8	between	twin	8	build	bilda
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8	bicycle	bic	7	bunch	bunc
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6	bind	bind	6	bury	berya
9	bird	berd	7	bus	bus
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6	birthday	birtdey	9	business	biznes
7	bit	bit	5	businessman	bizman

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7	carriage	karj	6	claim	klem
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5	category	katgor	8	close	klosa
7	cattle	katl	9	cloth	klot
9	cause	kas	7	clothes	kloz
5	cautious	kaxusi	6	clothing	kloz
6	cave	kev	8	cloud	klud
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7	chairman	cerman	6	colony	koln
8	chalk	calk	7	color	kolr
4	champion	camyon	5	comb	kom
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9	change	cej, cenj	9	come	ko

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9	command	komana	8	cow	kaw
5	comment	komn	6	crack	krak
8	committee	kmitiy	6	crash	krax
8	common	kamn	6	cream	krim
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7	compete	kompita	6	criminal	krimnel
6	competition	kompit	5	crisis	kris
7	complain	komplena	7	crop	krop
9	complete	kopliti	8	cross	kros
5	complex	koplexi	7	crowd	krod
7	composition	kopzix	7	crown	kron
6	computer	komput	8	cruel	krul
5	concentrate	konsetr	6	crush	kruxa
5	concept	konsep	8	cry	kraya
7	concern	konsern	5	cultivate	kulveta
6	concert	konsert	6	culture	kultur
4	concrete	kokrit	7	cup	kup
9	condition	kodixn	6	cupboard	kupbod
7	confidence	kofden	8	cure	kur
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6	could	ku	8	declare	deklera
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6	flour	flur	7	gate	get
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8	free	feri	5	grammatical	gramri
6	freedom	fer	6	grand	grani
7	freeze	friza	6	grandfather	granpap
6	frequent	freqi	6	grandmother	granmam
7	fresh	frexi	9	grass	gras
9	friend	frin	6	grave	grev
7	friendly	frini	5	gray	greyi
5	friendship	frinxe	7	great	greti
6	frighten	frayta	8	green	grini
7	from	fom	6	greet	grita
8	front	fron	5	grief	grif
9	fruit	frut	6	grind	grana
5	fuel	fuw, fuwl	9	ground	grond
8	full	foli	9	group	grup
7	fun	fun	8	grow	growa
4	function	funxen	6	growth	grow
6	funeral	funral	7	guard	gard
7	funny	funi	8	guess	ges
7	fur	fur	8	guest	qest
5	furnish	furnixa	5	guidance	gidens

7	guide	gid	7	hook	huk
6	guilt	gilt	8	hope	hop
8	gun	gun	6	horizon	hrazn
8	habit	habt	5	horizontal	hrazni
9	hair	har	5	horn	horn
7	half	haf	8	horse	hos,hors
7	hall	hal	7	hospital	ptal,hoptal
7	hammer	hamr	6	host	host
8	hand	hand	5	hostile	hostali
6	handkerchief	hankiy	8	hot	hoti
8	handle	hanl	7	hotel	hotel
8	hang	heng	8	hour	hor
7	happen	hapna	9	house	has,hus
8	happy	hapi	7	how	ho
8	hard	hardi	6	however	hohev
7	hardly	hardi	5	huge	huj
8	harm	harm	8	human	humn
6	harvest	haves	5	humor	hum,humr
8	hat	hat	7	hunger	hugr
6	hatred	heytt	5	hungry	hugri
8	have	ha	8	hunt	hunt
8	he	hi	7	hurry	hur
9	head	hed	7	hurt	hurt
4	heal	hiyla	7	husband	husb
8	health	helt	6	hut	hut
5	healthy	helti	7	ice	hays
6	heap	hip	8	idea	diy
8	hear	hiyra	7	if	fe
8	heart	hart	8	ill	zik
7	heat	hit	6	image	maj
7	heaven	hevn	7	imagine	maja
8	heavy	hevi	5	immediate	midyat
7	height	hay	8	important	mpori
8	help	hep,help	6	impossible	mpasbeli
5	helpful	helpi	7	improve	mpruva
5	hen	galin	7	in	ni
6	her	xi	5	inch	hinc
7	here	hir	7	include	kluda
5	hero	hiro	6	income	nkom
5	hers	xide	9	increase	kris
5	herself	xiye	5	indeed	ndid
9	hide	hida	6	indoor	hindori
8	high	hayi	7	industry	ndus
7	hill	hil	7	influence	fluwens
5	him	hi	5	influential	fluwensi
5	himself	hiye	6	inform	nforma
7	hire	hayra	7	information	nform
6	his	hide	5	ink	hink
9	hit	hiyt	5	inn	hiny
9	hold	hold	5	inner	hini
8	hole	hol	6	inquiry	nqir
7	holiday	holdey	8	insect	nsek
6	holy	holiyi	8	inside	nsad
9	home	hom	6	instead	sted
5	homework	homwok	6	institute	stitut
8	honest	honesi	9	instrument	srumn
6	honor	hanr	5	insurance	nxur

5	insure	nxura	8	lamp	lamp
8	intend	ntena	9	land	lan, land
8	interest	nteres	8	language	lang
5	interesting	nteresi	8	large	larji
7	international	ntenaxi	7	last	lasi
5	interrupt	nterupa	7	late	leti
7	into	nito	5	lately	leti
8	introduce	nterdusa	5	later	molet
6	introduction	nterdus	8	laugh	lafa
5	invent	nvena	5	laughter	laf
6	invention	nven	8	law	law
5	invest	nvesa	6	lawyer	lawr
7	invite	nvata	9	lay	leya
8	iron	harn	5	layer	leyr
8	island	haln	7	lazy	lazi
7	issue	hxuh	8	lead	lida
7	it	he	5	leader	lidr
6	its	hede	8	leaf	lif
6	itself	heye	7	lean	lina
5	jail	jeyl	7	learn	lera, lerna
8	jaw	jaw	5	learning	ler, lern
6	jealous	jelsi	7	least	lisi
6	jewel	jul	6	leather	ledr
6	job	jab	8	leave	liva
8	join	jona	8	left	lefi
6	joint	jont	8	leg	leg
7	joke	jok	5	legal	ligl
8	journey	joniy	7	lend	lend
7	joy	joy	1	lender	lender
8	judge	juj	7	length	len
5	judgment	jujm	7	less	les
8	juice	jus	7	lesson	lesn
8	jump	jum, jump	8	let	le, leta
7	just	je, jes	8	letter	letr
6	justice	justis	8	level	levl
5	keen	kini	7	library	labriy
9	keep	ki, kipa	8	lid	liyd
5	kettle	ketl	8	lie	lah
8	key	kiy	9	life	layf
7	kick	kik	7	lift	lift
8	kill	kila	9	light	layt
7	kind	kand	8	like	la
8	king	kin	6	likely	lakli
7	kingdom	kindom	7	limb	lem
7	kiss	kis	7	limit	limt
7	kitchen	kicn	9	line	layn
7	knee	niz	6	link	link
8	knife	naf	7	lion	layn
8	knock	nak	8	lip	lep
7	knot	not	8	liquid	liq, liquid
8	know	sa	9	list	list
7	knowledge	sa, nolj	7	listen	lisna
5	laboratory	labtor	7	literature	litetur
7	lack	lak	7	little	li, lili
8	ladder	lader	7	live	leva
7	lady	lediy	6	load	loda
7	lake	leyk	5	loaf	lof

5	loan	lon	8	meat	mit
6	local	lokli	6	mechanism	mekzem
8	lock	lok	7	medical	medisi
6	log	log	8	medicine	medis
6	lonely	loni	8	meet	mita
8	long	long	7	meeting	mit
8	look	luka	6	melt	melta
8	loose	lusi	8	member	memb
6	lord	lor	5	membership	membex
8	lose	luza	7	memory	memr
9	loss	los	7	mention	menxa
7	lot	lot	5	merchant	mercen
7	loud	lawd	5	mercy	mers
8	love	love	5	merry	meri
7	low	lowi	8	message	mesj
6	lower	lowa	9	metal	met,metl
6	loyal	loli,loyli	5	meter	mitr
7	luck	luk	7	method	metod
7	lump	lump	7	middle	midl
5	lunch	lunc	7	might	mayt
7	lung	lung	6	mild	mald
9	machine	maxin	7	mile	mal
6	machinery	maxinz	7	military	milteri
7	mad	mad	8	milk	melk
6	magazine	magzin	5	mill	mel
6	magic	majik	6	million	miyon
7	mail	mel	7	mind	mand
7	main	meyni	8	mine	mi,min
6	majority	majort	6	mineral	minral
9	make	meka	7	minister	minster
7	male	mac	5	minority	minorti
8	man	ma,man	8	minute	minut
6	manage	maneja	6	mirror	miror
6	manager	manejr	8	miss	misa
8	manner	manr	5	missile	misl
5	manufacture	manfak	5	mist	mist
8	many	meni	7	mistake	mistek
8	map	mep	8	mix	mixa
7	march	marc	8	mixture	mix
8	mark	mak	8	model	modl
8	market	makt	6	moderate	modreta
7	marriage	mar,marj	7	modern	modeni
5	married	marad	7	moment	momen
6	marry	mara	9	money	mon,moniy
8	mass	mas	7	monkey	monkiy
7	master	mast	8	month	mont
8	match	mac	8	moon	mun
9	material	matir	5	moral	morl
8	matter	mater	8	more	mor
7	may	mey	8	morning	morn
5	maybe	mebi	8	most	mos
7	me	mi	8	mother	mam,mutr
7	meal	mil	7	motion	moxn
7	mean	mina	9	motor	motr
7	meaning	min	8	mountain	monten
7	means	minz	7	mouse	maws
9	measure	mexr	9	mouth	maw,mawt

8	move	muva	7	nothing	note
5	movement	muv,muvm	8	notice	notisa
7	much	muc	6	noun	nawn
8	mud	mud	7	now	naw
5	multiply	mutipla	6	nowhere	nowo
7	murder	mord	9	number	numr
7	muscle	musl	7	nurse	ners
9	music	musik	7	nut	nut
6	must	mu	6	obey	beya,hobeya
6	my	mi	8	object	hobjek
5	myself	miye	5	observation	hobzer
6	mystery	mistiy	6	observe	hobseva
9	name	nem	5	obtain	hobtena
7	narrow	nar,naro	6	occasion	kexn
7	nation	nexn	7	ocean	hoxn
5	national	nexni	5	odd	hoydi
6	native	nativ	7	of	fa
6	natural	naturi	7	off	fof
9	nature	natur	8	offer	hofr
5	naval	navehi	9	office	hofs
6	navy	naveh	7	officer	hofsir
7	near	niri	8	official	hofsi
5	nearly	niri	5	offspring	hofperin
7	neat	nit	7	often	hafn
6	necessary	nesi,nesri	9	oil	hoyl
8	neck	nek	5	okay	hok
8	need	nid	8	old	hod
8	needle	nidl	5	old-fashioned	hod fexnad
6	neighbor	neyber	7	on	hon
6	neither	nitr	7	once	wans
6	nerve	nerv	8	one	wan
8	nest	nest	5	oneself	wansef
8	net	net	6	onion	honyon
6	network	netwerk	8	only	honl
5	neutral	nutreli	8	open	hopna
7	never	nevr	8	operate	hopreta
8	new	nu	8	operation	hopret
8	news	nuz	5	operator	hopretr
7	newspaper	nuzpapir	9	opinion	piny,pinyen
8	next	nex	6	opportunity	hoptun
7	nice	nas	7	opposite	hopsit
8	night	nat,nayt	6	opposition	hopsit
6	nine	nan	8	or	vo
5	ninth	nande	7	orange	horj,horenj
8	no	no	9	order	hord,horder
7	noble	nobli	7	ordinary	hodneri
8	noise	nos,nows	8	organ	hogan
6	nonsense	nosens	6	organization	hognas
5	noon	nun	4	organize	hognasa
7	nor	nano	7	origin	horjen
5	normal	normi	7	other	hotr
8	north	nor,nord	6	otherwise	hotwaz
6	northern	nori,nordi	6	ought	hawta
8	nose	noz	6	our	wide
7	not	no	5	ours	widez
8	note	not	5	ourselves	wiye
5	notebook	notbuk	7	out	haw

6	outdoor	hawdori	7	permanent	pemani
5	outer	hawi	6	permission	pmixn
7	outside	hawsadi	7	permit	pmit
7	over	hov	8	person	pers
5	overcome	hovkoma	6	personal	persi
6	owe	howa	5	persuade	pesweda
8	own	hon	5	pet	pet
6	oxygen	hoxjin	8	photograph	foto
6	pack	pak	5	photography	fotgraf
6	package	pakj	7	phrase	fres
6	packet	pakt	6	physical	fiski, fiskali
8	page	pej	5	physics	fizikz
7	pain	peyn	6	piano	piyan
6	painful	peyni	7	pick	peka
8	paint	pent	8	picture	pex, pexr
7	painting	pentin	8	piece	pis
8	pair	par	8	pig	pig
6	palace	palas	7	pile	pal
7	pale	pele	6	pilot	pilot
7	pan	pan	6	pin	pin
9	paper	papir	6	pink	pink
5	parallel	parlel	8	pipe	pip
6	parcel	pars, parsel	8	pity	pitey
7	pardon	padn	9	place	lu, ples
8	parent	pern	7	plain	plen
7	park	park	9	plan	plan
5	parliament	parlemn	6	plane	plen
9	part	par, part	9	plant	plant
6	particle	patikl	5	plastic	platk
7	particular	patikuli	8	plate	plet
6	partner	partenr	6	platform	pletfom
9	party	partiy	9	play	pleya
9	pass	pasa	7	pleasant	plesi
8	passage	pas	7	please	pi, pliz
7	passenger	pasjer	8	pleasure	plex
8	past	pa, past	6	plenty	pleni
5	pastry	pastiy	5	plot	plot
8	path	pat	6	plural	pluri
7	patience	pexn	7	pocket	poket
7	patient	pexni	7	poem	pom
8	pattern	patn	6	poet	powt
6	pause	paws	6	poetry	pow
8	pay	pe, peha	9	point	pont
6	payment	pe, peh	8	poison	posn
7	peace	pis	7	pole	pol
7	pen	pen	8	police	plis, polis
8	pencil	pensil	6	policy	polsiy
5	penny	peniy	7	polish	polxa
9	people	pipl	7	polite	plati
5	pepper	pepr	7	political	poltiki
7	per	per	6	politician	poltikr
5	percent	persen	8	politics	poltikz
8	perfect	perfek	5	pond	pand
7	perform	perfoma	7	pool	pul
6	performance	perfom	7	poor	puri
6	perhaps	praps	7	popular	poplari
7	period	periyod	7	population	poplexn

6	port	port	8	promise	promis
9	position	psixn	7	proof	pruf
6	possess	posesa	7	proper	propri
6	possession	poses	7	property	prop,proptiy
8	possible	posbi,posbeli	6	proposal	propos
7	post	post	7	propose	proposa
8	pot	pat	7	protect	proteka
7	potato	potato	7	protection	protek
7	pound	pond	6	protest	protesa
7	pour	pura	8	proud	pradi
9	powder	pawd,pawder	7	prove	prova
7	power	po,powr	6	provide	provada
5	powerful	powi	5	province	provins
7	practical	praki	5	provision	provad
7	practice	praka	8	public	pub,publ
8	praise	pres	6	publication	publix
6	pray	preya	5	publish	publixa
7	precious	prexi	4	publisher	publixr
5	prefer	pefera	8	pull	pula
5	pregnant	pegnani	7	pump	pomp
5	preparation	prepar	6	punish	punxa
8	prepare	prepara	5	punishment	punix
6	presence	pres	7	pupil	pupl
8	present	presa	5	purchase	purcasa
7	preserve	peserva	8	pure	puri
8	president	presden	6	purple	purpeli
8	press	pres	8	purpose	purpos
7	pressure	prex	9	push	puxa
6	pretend	pretina	8	put	pu
7	pretty	priti	5	puzzle	puzl
7	prevent	prevena	9	quality	qalt
8	price	pras	9	quantity	qant
7	pride	prad	7	quarter	qart
6	priest	prist	7	queen	qin
5	prince	prins	7	question	qe
5	principle	prensipl	7	quick	qik
8	print	pren,prent	7	quiet	qati
7	prison	priz,prizn	2	quit	qit
5	prisoner	prizr,prizner	7	quite	qat
7	private	privi,privati	8	rabbit	rabt
7	prize	praz	7	race	ras
5	probability	prabl	7	radio	raj,rajo
8	probable	prabli	7	rail	rel
8	problem	problem	6	railway	relwey
5	procedure	prosidur	8	rain	ren
8	process	pros,proses	7	raise	resa
5	procession	prosexn	6	range	renj
8	produce	produsa	9	rank	rank
9	product	produs	7	rapid	rapdi
8	production	produxn	7	rare	reri
6	profession	profexn	7	rat	ret
5	professional	profexnel	7	rate	rat
5	professor	profesr	6	rather	ratr
6	profit	proft	4	ratio	rexo
7	program	program	7	raw	rawi
8	progress	progres	5	ray	ray
6	project	projek	5	re	ri

8	reach	ric	8	rice	ris
5	reaction	rakx,rakxen	8	rich	ric
8	read	rida	8	rid	riyd
5	reading	rid	9	ride	rad
7	ready	redi	9	right	ra,rayt
8	real	rili	8	ring	rin
6	reality	ril	6	ripe	rayp
8	reason	rizn	8	rise	rays
7	reasonable	rizni	6	risk	resk
5	rebel	rebl	8	river	rivr
8	recent	riseni	9	road	rod
6	recognition	reknaz	6	rob	rob
7	recognize	reknaza	8	rock	rok
9	record	rekod	9	rod	rad
8	red	red	6	role	rol
6	reduce	ridusa	8	roll	rol
6	reduction	ridus	8	roof	ruf
5	refer	rifera	9	room	ru,rum
5	reform	rifom	8	root	rut
7	refuse	rifusa	7	rope	rop
8	regard	rigad	6	rose	ros
5	region	rijn	8	rough	rofi
6	regret	regr,regret	8	round	rond
8	regular	regli,reglari	8	row	row
9	relation	rlexn	6	royal	royl
5	relationship	rlexn	7	rub	ruba
6	relative	retivi,reltivi	7	rubber	rubr
5	release	rlis	5	rubbish	rbix
8	religion	rlij	5	rude	rudi
5	religious	rliji	5	ruin	runa
8	remain	rmena	8	rule	rulr
7	remark	rmak	7	ruler	rulr
9	remember	rmemba	8	run	re
6	remind	rmana	7	rush	ruX
7	remove	rmuva	6	sacrifice	sakfas
6	rent	rent	7	sad	sad
8	repair	rpera	8	safe	sefi
6	repeat	rpita	6	safety	sef
8	report	rpor	7	sail	seyl
7	represent	represena	6	sale	seyl
7	representative	represeni	9	salt	salt
7	republic	rpublik	8	same	semi
7	request	req,rqes	8	sand	sand
6	rescue	resq	6	satisfaction	sasf
5	research	rserc	5	satisfactory	sasfi
4	reserve	rserv	7	satisfy	sasfa
6	resist	rsisa	5	sauce	saws
5	resistance	rsis	8	save	seva
6	respect	spek	8	say	se
6	responsible	rponsibi	7	scale	skal
8	rest	res,rest	7	scene	sin
7	restaurant	resteran	9	school	skul
8	result	resut	9	science	sans
8	return	rtur	7	scientist	santis
5	review	rvuw	5	scissors	siz
7	reward	rwar	5	score	skor
5	rhythm	ritm	5	scratch	skerac

6	screen	skerin	7	shock	xok
6	screw	skeruw	8	shoe	xue
8	sea	siy	8	shoot	xuta
8	search	serca	9	shop	xa, xap
8	season	sisn	8	shore	xor
8	seat	sit	7	short	xorti
8	second	sekn	6	shot	xot
8	secret	seg, segret	6	should	xu
5	secretary	seker	8	shoulder	xold
6	section	seksun	8	shout	xowt
5	security	skur	8	show	xo
8	see	si	5	shower	xar
8	seed	sid	7	shut	xuta
6	seek	sika	8	sick	siki
6	seem	sima	9	side	sad
6	seize	siza	9	sign	sayn
6	select	sleka	7	silence	salen
5	selection	slek	7	silent	saleni
8	self	self	7	silk	silk
8	sell	sela	6	silly	sili
8	send	sena	8	silver	silv
6	sensation	senxun	6	similar	simli
9	sense	sens	4	similarity	siml
7	sensitive	sensi	8	simple	simp, simpel
7	sentence	sintens	7	since	sins
8	separate	spara	7	sing	sing
5	separation	spar	7	single	singl
5	sequence	siqens	8	sink	sink
6	series	siris	6	sir	ser
7	serious	sirusi	7	sister	sis
8	servant	server	8	sit	sita
8	serve	serva	9	situation	sitwex
7	service	serv	6	six	ses
9	set	set	7	size	saz
8	settle	setela	7	skill	skil
6	seven	sev	5	skilled	skili
7	severe	sviri	9	skin	skin
7	sex	sex, seks	7	skirt	skir, skirt
7	shade	xad	5	skull	skol
8	shadow	xadow	8	sky	skay
8	shake	xek	7	slave	slev
7	shall	xal	8	sleep	slip
6	shallow	xalowi	6	slide	slada
7	shame	xam	6	slight	slayt
8	shape	xep	9	slip	slepa
7	share	xer	8	slope	slop
8	sharp	xarpi	7	slow	slowi
7	she	xi	7	small	smol
8	sheep	xip	8	smell	smel
8	sheet	xit	6	smile	smal
7	shelf	xelf	8	smoke	smok
7	shell	xel	7	smooth	smuti
7	shelter	xelt	7	snake	snek
8	shield	xild	8	snow	snow
7	shine	xana	7	so	zo
9	ship	xep	8	soap	sop
8	shirt	xert	8	social	soxi

8	society	soc	8	stay	stey
5	sock	sak	7	steady	stedi
7	soft	sofi	7	steal	stila
8	soil	soyl	8	steam	stim
8	soldier	soljer	8	steel	stil
9	solid	sald	6	steep	stip
5	solution	solv	6	stem	stem
6	solve	solva	8	step	step
8	some	so, som	9	stick	stek
7	someone	suhu, sumwan	5	sticky	stiki
7	something	sote, somteh	6	stiff	stifi
6	sometimes	somtanz	7	still	stel
6	somewhere	sowo, somwoh	5	sting	stina
7	son	son	8	stomach	stom, stomk
9	song	song	8	stone	ston
8	soon	su, suni	8	stop	stop
6	sore	sori	8	store	stor
7	sorry	soryi	8	storm	storm
7	sort	sort	8	story	storiy
8	soul	sol	7	straight	sreti
9	sound	sond	8	strange	srenj
8	soup	sup	8	stream	srin
6	source	sors	7	street	srit
7	south	sawt	7	strength	srent
5	southern	sawti	8	stretch	sreca
9	space	spas	7	strike	srak
5	spade	spad	8	string	srin
5	spare	spera	7	stroke	srok
7	speak	spik	8	strong	sron
5	special	spexi	7	structure	sruk, sruktur
5	speech	spic	7	struggle	srujl
5	speed	spid	7	student	studr
5	spell	spela	8	study	studa
6	spend	spena	7	stupid	stupi
6	spin	spin	6	style	stal
7	spirit	spirt	8	subject	sujuk
5	spite	spayt	6	substance	sust, sustans
6	splendid	plendi	6	substitute	sustuti
6	split	plit	7	succeed	suksa
8	spoon	spun	7	success	suks
8	sport	sport	7	such	suc
7	spot	spot	6	suck	suka
7	spread	preda	8	sudden	sudeni
8	spring	pring	6	suffer	sufera
8	square	sqer	8	sugar	xug, xugr
5	stable	stabl	6	suggest	suja, sujesa
6	staff	staf	5	suggestion	suju, sujesu
7	stage	stej	7	suit	sut
7	stair	ster	6	sum	sum
7	stamp	stam, stamp	8	summer	sumr
8	stand	stan	8	sun	sun
8	standard	stanr	3	super	supr
8	star	star	7	supper	sepr
8	start	stat	8	supply	seplay
9	state	stet	9	support	supor
6	statement	stetm	7	suppose	spoza
8	station	stex, stexn	8	sure	xuri

9	surface	serfas	7	the	de
8	surprise	supraz	6	theater	tihter
5	surround	srona	6	their	zede
6	swallow	swala	5	them	ze,dem
5	swear	swera	5	themselves	zeye
7	sweep	swip	8	then	den
8	sweet	switi	7	theory	tiriy
6	swell	swel	4	therapy	terpiy
8	swim	swima	7	there	dar
7	swing	swin	6	therefore	darfo
8	sword	sord	7	these	dis
5	sympathetic	simpati	6	they	ze
6	sympathy	simpat	8	thick	tiki
9	system	sist,sistem	7	thief	tif
9	table	tab,tabl	7	thin	tini
8	tail	teyl	8	think	ti,tinka
8	take	teka	9	thing	te
8	talk	ta,taka	5	third	tiyde
8	tall	tali	5	thirst	ters
5	tank	tank	8	this	di
6	tap	tap	7	thorough	turow
3	tape	tep	6	those	das
6	target	taget	6	though	towh
6	task	task	6	thought	tida
8	taste	tas,tast	6	thousand	mil,tasn
6	tax	tax,taks	9	thread	tred
7	taxi	taxi	5	threat	tret
8	tea	tey	6	three	tiy
8	teach	tica	8	throat	trot
7	team	tim	8	through	truw
7	tear	teyr	8	throw	trowa
5	technical	tekniki	6	thumb	thum
4	technique	teknik	7	thunder	tunder
4	technology	teknolj	7	thus	dus
7	telephone	fon	7	ticket	tikt
6	television	tivu	6	tide	tayd
8	tell	te,tel	7	tidy	taydi
8	temper	temper	7	tie	tay
7	temperature	temtur	5	tiger	tayger
6	temple	tempel	6	tight	tayti
6	ten	ten	5	till	til
5	tend	tenda	9	time	tam
6	tendency	tend	7	tin	tiyn
6	tender	tender	7	tip	tip
6	tennis	tenis	5	tire	tar
6	tense	tens	7	tired	tarda
7	tent	tent	5	tissue	tixuh
6	term	term	9	title	titel
7	terrible	terbeli	7	to	to
5	territory	tertor	7	tobacco	tabak
5	terror	teror	6	today	tud
8	test	test	6	toe	tow
6	text	teks	8	together	togi,togeti
7	than	dan	6	tomorrow	tmar
8	thank	dank	8	tongue	tong
8	that	da	6	tonight	tunat
1	that_is	daz	8	too	tu

8	tool	tul	6	universe	yunvers
8	top	top	7	university	yunversit
5	topic	topk	5	unless	nles
7	total	totl	7	until	ntil
9	touch	tuc	8	up	hup
7	tour	tur	8	upper	hupi
5	tourist	turis	6	upset	pseta
6	toward	towar	6	upstairs	hupseterz
5	towel	taw,tawl	4	upwards	hupi
7	tower	tawr	7	urge	hurja
7	town	tawn	6	urgent	hurji
6	toy	towy	6	us	wi
8	track	trak	8	use	yus
8	trade	tred	5	used	yusda
6	traffic	trafk	6	useful	yusi
8	train	tren	4	useless	yusles
6	translate	trasleta	4	user	yusr
5	translation	traslet	8	usual	yusali
5	transparent	trasperi	8	valley	valiy
6	transport	trasp,traspor	6	valuable	valbeli
7	trap	trap	9	value	val,valuw
9	travel	travl	6	variety	vary
6	tray	trey	6	various	varyi
8	treat	trita	8	vegetable	vegbel
9	tree	triy	7	vehicle	vikl
5	tremble	trembela	4	vein	ven
6	trial	trayl	7	verb	verb
7	tribe	trab	5	verse	vers
7	trick	trik	5	vertical	vetkali
7	trip	trip	8	very	veri
6	tropical	tropki	7	vessel	vesl
8	trouble	trub,trubl	4	victim	viktem
6	trousers	tros	7	victory	viktor
5	truck	truk	7	view	vuw
8	true	teru,teruhi	7	village	vilej
7	trunk	trunk	6	violence	valn
8	trust	trus	6	violent	valni
7	truth	trut	4	virtue	virtuh
8	try	tray	4	virus	virus
7	tube	tub	8	visit	vist
7	tune	tun	4	visitor	vister
9	turn	turn	8	voice	voc
6	twice	tuytam	7	vote	vot
6	twist	twis	4	vowel	vowl
6	two	tuy	6	voyage	voyj
7	type	tap	4	wage	wej
5	typical	tipli	6	waist	weys
7	ugly	hugli	8	wait	wet,weyt
7	umbrella	brcl	7	waiter	weyr
8	uncle	hunkel	4	waiting	weyta
7	under	hund	7	wake	weka
8	understand	destana	8	walk	wak
6	uniform	yunfom	8	wall	wal
9	union	yunyon	5	wander	wanr
9	unit	yunit	8	want	wona
5	unite	yunata	9	war	wor
6	universal	yunversi	5	warehouse	warhas

7	warm	wami, warmi	9	wind	wind
5	warmth	wam	8	window	wen, wenow
7	warn	warn	7	wine	vin, wayn
8	wash	waxa	8	wing	wing
7	waste	wast	4	winner	wenr
8	watch	wac	7	winter	winter
8	water	wat, watr	5	wipe	waypa
8	wave	wev	8	wire	war, wayr
4	wax	waks	6	wisdom	was
9	way	wey	8	wise	wasi
7	we	wi	8	wish	wix
7	weak	wik	7	with	wit
7	wealth	welt	7	within	witni
7	weapon	wepn	7	without	withaw
8	wear	wera	6	witness	witnes
8	weather	wed, wedr	4	wolf	wuf
6	weave	wiv	8	woman	wu, wum
5	wedding	wedin	7	wonder	wonder
4	weed	wid	9	wood	wud
8	week	wik	6	wooden	wudi
5	weekend	wikhen	6	wool	wul
5	weekly	wiki	9	word	wod, word
7	weigh	weya	9	work	wok, work
7	weight	wey	5	worker	wokr
7	welcome	welkom	5	works	woka
8	well	wel	4	workshop	wokxa
7	west	wes, west	8	world	wold
5	western	wesi, westo	7	worm	werm
8	wet	weti	7	worry	werih
3	whale	weyl	7	worse	wersi
8	what	va	6	worship	wexep
7	whatever	vahev	5	worst	wersi
8	wheat	wit	8	worth	wert
8	wheel	wil	5	worthy	werti
7	when	we	7	would	wu
6	whenever	wehev	8	wound	wun
6	where	wo	7	wrap	rap
6	whether	wedr	7	wrist	rist
7	which	wic	8	write	rata
5	whichever	wichev	4	writer	ratr
7	while	wayl	5	writing	rayt
7	whip	wep	8	wrong	ro, ron
6	whistle	wisl	8	yard	yard
8	white	wayti	4	yarn	yarn
6	who	hu	9	year	yir
5	whoever	huye	4	yearly	yiri
8	whole	holi	8	yellow	yelo
6	whose	hude	6	yesterday	yest
6	why	wa	7	yet	yet
6	wicked	wekd	5	yield	yild
7	wide	wadi	8	you	yu
6	width	wad	7	young	yuni
7	wife	wayf	6	your	yude
8	wild	wald	6	yours	yude
7	will	vi	7	youth	yut
6	willing	wela	6	zero	zer
8	win	wina			

Appendix E: Repeated Syllables - Kiddie Talk

Children usually start talking using repeated syllables. Esata should make it easier for everyone to learn to speak, including toddlers. To this effect, we reserve all words in the Esata language formed with repeated syllables for the “kiddy talk” dialect. This set of words is proposed as an international language for toddlers. Note that these words are formally part of the Esata language, and so can be used by grownups as well!

In the first column are the definitions of the primary list syllables seen previously. In the second column are the definitions proposed for the kiddy talk dialect, where different from the primary list meanings. Note that many of the primary list meanings are unchanged in the kiddy talk dialect. In many cases kiddy talk words are close to English equivalents, but in other cases foreign source words were adopted.

Anyone interested in starting his child off in the right direction for a lifetime of language learning should consider teaching his toddler to use this simple dialect, which is sure to accelerate his child's progress towards understanding and using speech.

baba	bad	
bebe	but	baby
bibi	be	
bobo	boy	
bubu	boom	hurt, wound

caca	hello	
cece	there is, are	
cici	drink	
coco	there is, are no	
cucu	eat	

dada	that	
dede	the	finger
didi	this	
dodo	money	sleep
dudu	do	

fafa	of	far
fefe	if	maybe
fifi	feel	nice
fofo	for	not nice
fufu	future	later

gaga	girl	
gege	get	
gigi	give	
gogo	go	
gugu	good	

haha	have	
hehe	it	thing
hihi	he	
hoho	how	laugh
huhu	who	

jaja	God	life
jeje	just	enough

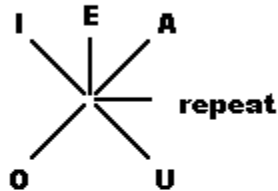
jiji	high	get up
jojo	joy	toy
juju	low	sit/lie down
kaka	car	
keke	can	cookie
kiki	keep	kid
koko	come	
kuku	could	surprise!
lala	like	
lele	let	
lili	little	
lolo	love	
lulu	place	
mama	man	mother
meme	may	aunt
mimi	me	
momo	more	
mumu	must	milk
nana	and	grandmother
nene	a, an	nanny
nini	in	any
nono	no	
nunu	new	grandfather
papa	past	father
pepe	pay	uncle
pipi	please	urine
popo	power	feces
pupu	put	smell
qaqa	there	
qeqe	question	
qiqi	here	
qoqo	quote	word
ququ	cool	funny
rara	right	
rere	run, work	
riri	read	
roro	wrong	
ruru	room	
sasa	know	
sese	say	cousin (fem.)
sisi	see	sister
soso	some	
susu	soon	doll
tata	talk	
tete	thing	cousin (masc.)
titi	think	teat
toto	to	brother
tutu	too	clothes

vava	what	
veve	very	too much
vivi	will	later
vovo	or	choose
vuvu	(*escape*)	TV
wawa	why	water
wewe	when	wet
wiwi	we	
wowo	where	
wuwu	woman	
xaxa	shop	hurry up!
xexe	sure	be quiet!
xixi	she	
xoxo	show	slow down!
xuxu	should	dear
yaya	yes	
yeye	refl. pronoun	that's right
yiyi	you	everyone
yoyo	I	
yuyu	you	
zaza	(escape: data)	busy
zeze	they	vagina
zizi	easy	penis
zozo	so	teddy bear
zuzu	alive	animal

Appendix F: The Esata Compact Symbol Set

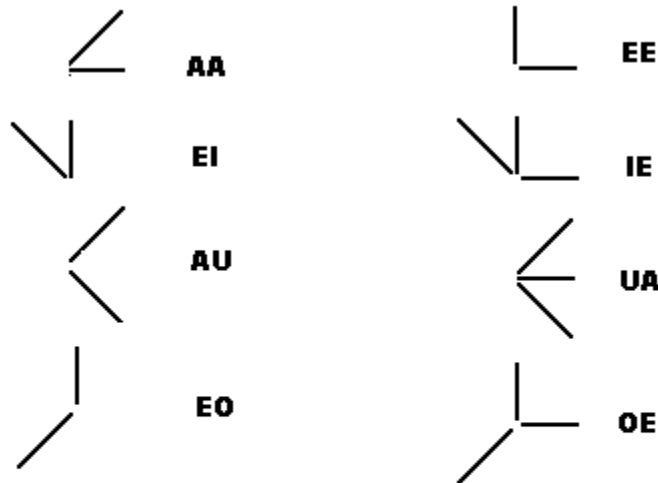


This is the basic Esata character matrix

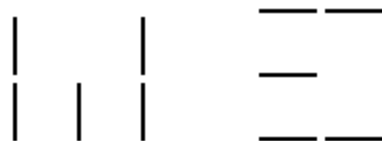


The vowels each have a dedicated line. Repeat/inverse means that the same two vowels are present, or the order of vowels is inverted.

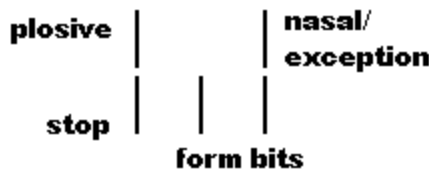
The assignment of vowels to the different lines uses this logic: I and O are pronounced in the front of the mouth; A and U are pronounced in the back; E is in the middle. I, E, A are pronounced open; O and U are closed. So the diagram corresponds to how vowels are pronounced in the mouth.



In one Esata matrix we can code two vowels and two consonants. The two vowels are indicated in straightforward manner with the corresponding lines, using the repeat/inverse line in case a vowel is repeated or the vowel order is inverted.



The consonants use these two submatrices. The horizontal form is rotated 90° from the vertical. The vertical is used for the first consonant, horizontal for second.

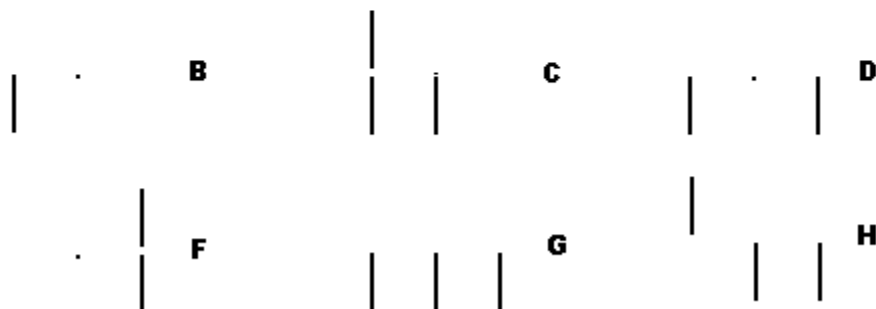


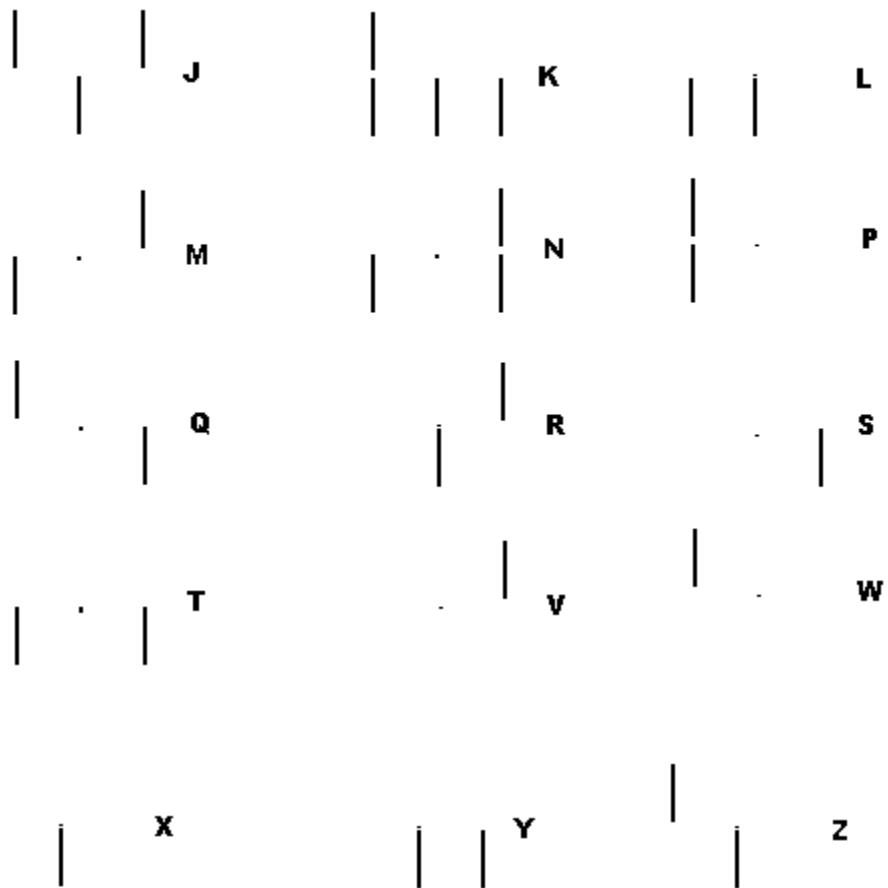
Again, the way that consonants are assigned to the different codings has a certain logic. Each consonant is analyzed into its components - how it is formed

The plosive, stop, and nasal aspects of consonants are clear. The form bits, regarded as a two bit sequence, take values from 0 to 3. These values are assigned to the positions in which the consonant is pronounced in the mouth: 0-lips, 1-teeth, 2-palate, 3-guttural. The values go low to high as the position goes from the front to the back of the mouth. In some cases the nasal bit has to be used to distinguish two consonants that are have the same values otherwise.

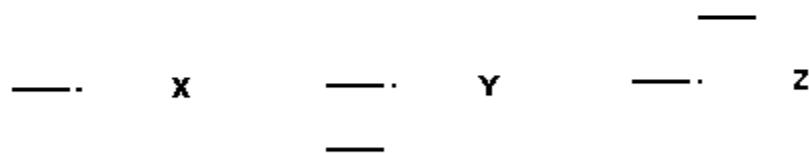
So, each of the lines in the horizontal (and vertical) matrices has a 'physical' significance, and the representation of the letter in fact tells you how to pronounce it. If there are any other alphabets whose pronunciation can be derived from the shape of the letters, the author would like to know about them!

Now, here's the list of the consonants and their associated representations:

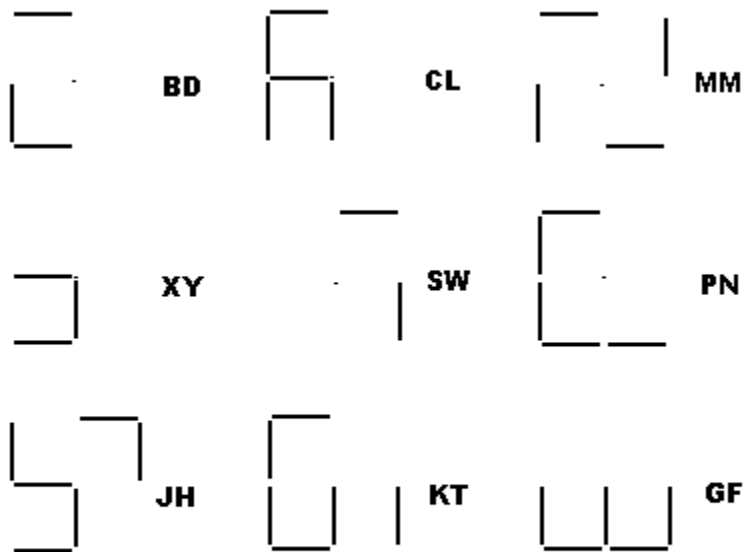




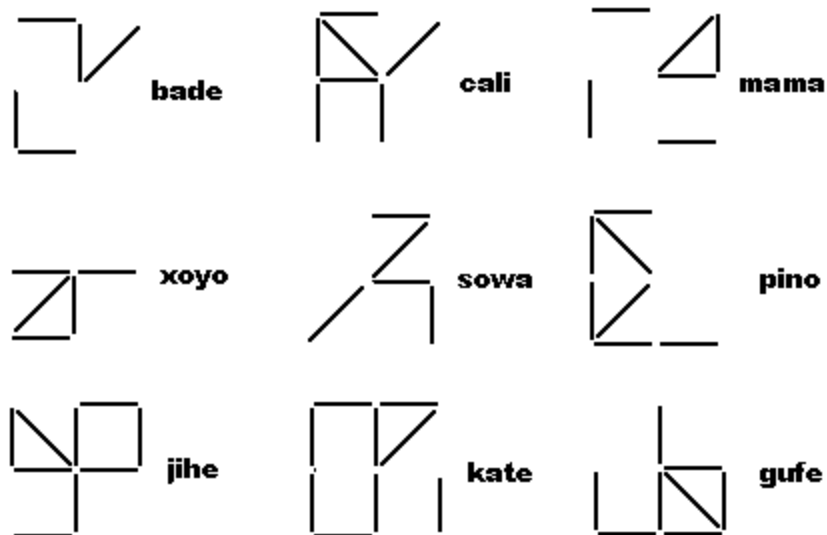
Each of the consonants also has the corresponding horizontal form, obtained by rotating 90° right. The three forms corresponding to the letters above are:



Now we will try some combinations of two consonants. The first consonant will use the vertical submatrix, the second one will use the horizontal submatrix.

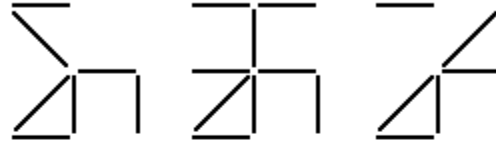


Now we're ready to put it all together - we'll try some Esata two syllable words, by inserting vowels into the consonant combinations shown above:

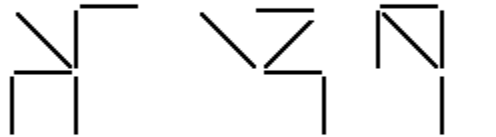


Now we'll give a few brief sentences in Esata using the compact matrix alphabet.

I think I can read
yot i yoke rida



Let's see what it is.
lewi siwa hebi



Is it a good way to
write?
bihe negu waye rata



This ends our brief exposition of the Esata matrix alphabet. Note that in writing, any two Esata syllables may be written together, independent of how words are separated.

Edition History:

draft .1 - first released on the internet 03/10/04

draft .2 - released 25/10/04 slight corrections to draft .1

*draft .3 - released 27/09/06 substantial rewrite with much additional material:
20 pages of example texts, expanded vocabulary (3000 words)*

*The Esata language designer Pafu
invites all interested to participate
in the continuation of this project:
write to pafu@beginnersgame.com.*