



# Reoxe

Designed as an International  
Auxillary Language

By: Ronit Avadhuta

# Overview

- International Auxiliary Language |  
Created to be easy to learn
- Verified by former Reoxe students
  - Phonetic Inventory
  - Grammar
  - Vocabulary
- Inspiration: English, Chinese, Hindi,  
Japanese, Korean, Greek, French  
etc

# About Me



- Current Junior (Grade 11) at the Massachusetts Academy of Math and Science at Worcester Polytechnic Institute
- Experience with
  - Chinese (6 years)
  - Hindi (heritage)
  - French (1 year)
  - Japanese (5 years)
  - Telugu (heritage)
  - Korean (3 years)
- Inspiration:
  - Early Mandarin Classes
- <http://users.wpi.edu/~ravadhuta/>

# Phonetic Inventory

	Optional and Required Phonemes									
	Labial				Coronal				Dorsal	
	Bilabial		Labiodental		Alveolar		Postalveolar		Palatal	Velar
Type	Voiced	X Voiced	Voiced	X Voiced	Voiced	X Voiced	Voiced	X Voiced	X Voiced	Voiced
Nasal		m				n				
Plosive	p	b			t	d				k
Sibilant Affricate					ts		tʃ	dʒ		
Sibilant Fricative					s	z	ʃ	ʒ		
Non-sibilant Fricative			f	v						
Approximant						r			j	
Lateral Approximant						l				

# Phonetic Inventory

	Required/Recommended Phonemes and Substitutions									
	Labial				Coronal				Dorsal	
	Bilabial		Labiodental		Alveolar		Postalveolar		Palatal	Velar
Type	Voiced	X Voiced	Voiced	X Voiced	Voiced	X Voiced	Voiced	X Voiced	X Voiced	Voiced
Nasal		m				n				
Plosive	b/p/f	b/p/f			t	d				k
Sibilant Affricate					(ts/tʃ) [s]		tʃ/dʒ [s]	dʒ (s)		
Sibilant Fricative					s	z (s)	ʃ (tʃ/ts/dʒ)	(ʒ)		
Non-sibilant Fricative			b/p/f	v/u						
Approximant						r (rhotic)			(j)	
Lateral Approximant						l (r)				

# Phonetic Inventory

	Required Phonemes without Substitutions					
	Labial	Coronal			Dorsal	
	Bilabial	Alveolar		Postalveolar	Velar	
Type	X Voiced	Voiced	X Voiced	Voiced	Voiced	Caution
Nasal	m		n			$\bar{d}_3$
Plosive	b/p/f	t	d		k	l
Sibilant Affricate						z/3
Sibilant Fricative		s		$\bar{t}$ ( $\bar{t}\bar{f}/ts/\bar{d}_3$ )		
Non-sibilant Fricative						
Approximant			r (rhotic)			
Lateral Approximant						

# Phonetic Inventory

	Front	Back		Unstressed	Optional
Close	i	u		ə	ɛ
Mid	e	o			
Open	a				

# Allophones

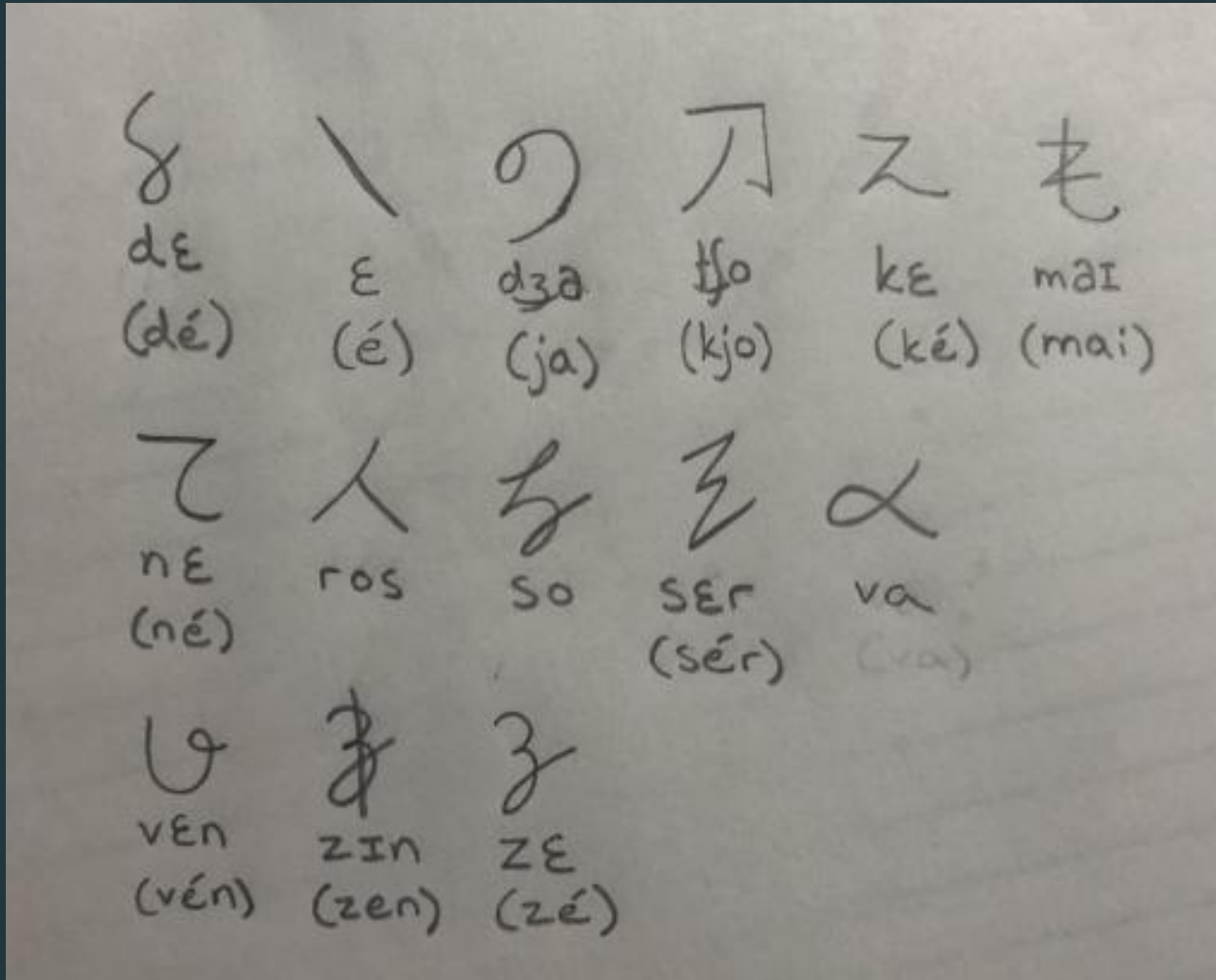
- Coronal Sibilants (S-like sounds) are interchangeable but limited to context.
- 5 Vowel System has some room for leniency
- Context is key



# Orthography | Reoxa

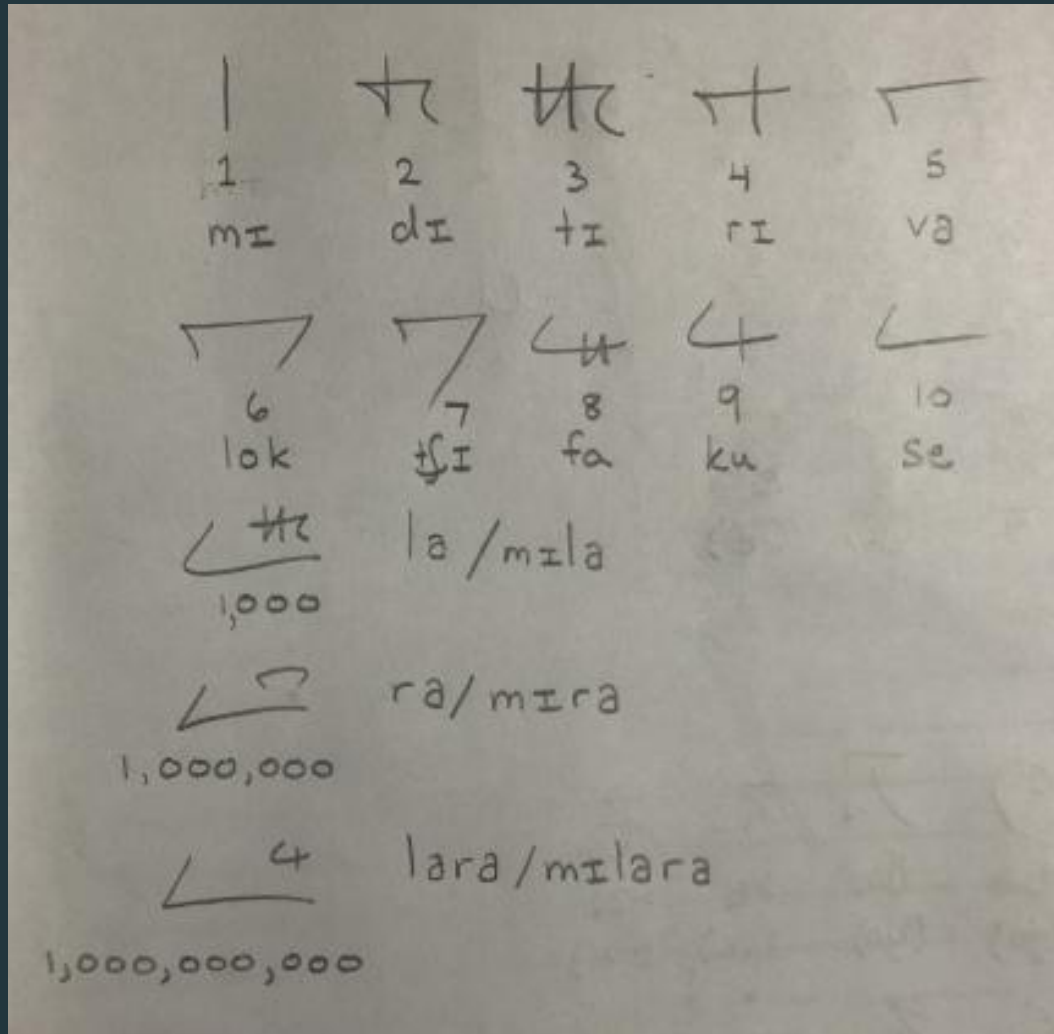
a	b	d	e	f	j	k	l
m	n	o	r	s	t	u	
v	x	z	é (é)	e (ié)	i		

# Orthography | Tenxa



- Dé – Postpositional location marker
- É – Postpositional direction marker
- Ja – “This” demonstrative adjective
- Kjo – Counter
- Ké – Topic particle
- Mai – Continuous particle
- Né – Connection particle
- Ros – Person
- Sér (pronounced long e) – Subject suffix
- Va – What
- Vén – Time
- Zen – Plurality marker
- Zé – “That” demonstrative adjective

# Numbers



- Base 10
- Me, de, te, va, and se are the building blocks
- Kjo can enable decimals
  - Me kjo va = 1.5
- Exponents can enable larger numbers



# Grammar

- Subject – Object – Verb
- No articles
- Tense optional
- Postpositional not prepositional phrases
- Tenxa marks the subject of the sentence

# Tense

Name	Example	Translation	Focus on...
Past Perfect	Jamta / Jamata / Jamota / Jamné / Jamané	Slept	Ta
Past Continuous	Jam-e ta	Was sleeping	Sér (e) + ta
Present Perfect/Infinitive	Jam / Jama / Jamo so	Sleeping / Sleep / Have just slept	
Present Continuous	Jam-e	Sleeping	Sér (e)
Future Perfect	Jamté / Jamaté / Jamoté	Will sleep	Té
Future Continuous	Jam-e té	Will be sleeping	Sér (e) + té





Interesting Features

# -o | Subject Declension

- -a suffix for default case (optional)
- -o suffix for second person (mandatory)
  - When in a sentence, must be followed by "so"
  - When in an imperative structure, does not need a "so"
  - "Jo" is added to the end of a sentence when the action is nearby the speaker
  - "So" is added to the end of a sentence when the action is not nearby the speaker or in general cases



# Mexake

- Daimo (academic) + Juén (house) = Daimjuén (school)
- Va (what) + Ros (people) = Varos (who)
- Semantic Building Blocks
- About 100 of these make up 80-90% of the words in Reoxe



# Tenxa

Mai – Continuous Particle

- Still

Subject \*Mai\* Object Verb

- But

Phrase \*Mai\* Phrase

- Even though

\*Mai\*, Sentence

- Every

Mai (every) + Ros (person) =  
Mairos / Mairs (everybody)

## -are | Reverse Suffix

- Intransitive verbs and sentences without a subject
- Sol-e arare (so)
- The sun rises
- Rod é je nan balare (jo)
- I do not walk on the road

# Foreign Words

- Transcribed phonetically
- Any Language

**Rod** é je nan bala (jo)

Kivex – To ponder (Arabic Kawesh)

Kam – Emotion (Korean Kam)

Son – To sound (French Son)

Dué – Correct (Mandarin Dui)

Bar – Bahar (Hindi Bahar)

# Prepositional Phrases

- Word comes after phrase/word

Rod é je nan bala (jo)

Road to I no walk

- Location and Time always comes first in that order

Lfai se te kjo dé je fanta – I ate  
yesterday at 13

-ts- |  
Generalization  
Infix

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Duplicate the word and  
remove the consonants until  
vowel in the second word

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Juén (house) → juén + ts +  
(j)uén → Juétsuén  
(building)

# Application | 6 Samples

[illegible]

8 Wx 9z xw! zc.  
mzw Tn. 9) by ze vca. me daz  
e hga n. 7) melli metzome en Tn. 9) melli  
dgmgnw e/nzr. 9) dqa melli mla. 9) /ezme vcn zr.

α 人 9E n? 7 7rE Cleme. 9E 8e zezze  
 ex me 9eemẽ 7. 7 9eemẽze  
 Zebebe ex llezeme 8o x, ex 9E Zebebe  
 7 Eovẽ l. 7 9E n'z, z9n8e'm ex meze  
 mẽl. 7 z9eov 9en 7 2 1 xel me'z  
 9en 9E 8e9o'n 2. 7 mẽl 9en  
 9E 9eov 7: 9e9e-9e9e  
 r. 2'm z9n8eov 7 7 9e  
 9e 8 z9n8eov 9e l.  
 9e 2'm 9e n? 9e'n 9e!

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06.18.2020  
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● June 22, 2020

● @ 10:17 A.M. EST

# Sample Translation

**A:** Je l'nén sevo bata maifaikul  
é je eso zuav sevoata ké mai,  
je na mai jié juér jo.

**B:** Va maifaikulxa na?

**A:** Né, maixavu dé ekekatsia  
lai, ekekatsia soufa jié sun, té  
siévu dajo.

**A:** Last year, I was writing a daily  
journal in which I wrote some  
random thoughts, but I wish to  
discontinue it.

**B:** What kind of journal?

**A:** Well, in every language there are  
important pieces of knowledge but  
also parts you must practice.

# Sample Translation

**A:** L'nén, je sevoeja maifai  
jornal é randozuav sevoet, mai  
konmaifa désuér.

**B:** Va jornal an?

**A:** Né, maixaf é kekretikal lai,  
krerikal prateka jié ké, té siévu  
xae.

**A:** Last year, I was writing a daily  
journal in which I wrote some  
random thoughts, but I wish to  
discontinue it.

**B:** What kind of journal?

**A:** Well, in every language there are  
important pieces of knowledge but  
also parts you must practice.



# Final Notes



GET IN TOUCH  
WITH ME!



IDEAS ON  
**PRESENTING**  
REOXE?



ANY QUESTIONS?