

TASSARUNESE:

"It's kinda like a proposal, but not quite!" edition

TASSARUNESE:

"more of a weird semi-zine thing, really" edition

TASSARUNESE:

"oops i forgot to make a joke" edition

OR:

an impractical guide to the tassarunese script

(AS ENCODED IN THE UNDER-CONSCRIPT UNICODE REGISTRY)

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The range U+EDB0 through U+EDBB contains initial consonants as open syllables with implicit vowel "a".

They are:

0	8	9	A	K	n	3	3	s	4	4	2
a	ka	ta	sa	pa	ra	na	ma	ha	ca	ya	wa

The range U+EDBC through U+EDBF contains vowel signs that may annotate a letter to indicate the use of a vowel other than the implicit "a".

These are:

f̣	ọ	ụ	ọ
e	i	u	o

The range U+EDC0 through U+EDCB contains a set of combining characters that are used to indicate syllable-final consonants:


$$t + 0 = ṭ$$
$$ta + -n = tan$$

Vowel marks for a syllable with a syllable-final consonant are encoded following these code points:

$$0 + 0 + \overset{e}{\circ} = \overset{e}{\circ}$$
$$a + -n + o = on$$

These combining characters mutate each initial consonant's "skeleton" (the collection of splines of the character) in a semi-regular manner, usually manifesting as a flourish of some sort or another at the beginning or end of a stroke.

The "skeletons" of all legal combinations of initial and final consonants are as follows:

	0	1	2	3	4	5	6	7	8	9	A	B
1	 AK	 KAK	 TAK	 SAK	 PAK	 RAK	 NAK	 MAK	 HAK	 CAK	 YAK	 WAK
2	 AT	 KAT	 TAT	 SAT	 PAT	 RAT	 NAT	 MAT	 HAT	 CAT	 YAT	 WAT
3	 AS	 KAS	 TAS	 SAS	 PAS	 RAS	 NAS	 MAS	 HAS	 CAS	 YAS	 WAS
4	 AP	 KAP	 TAP	 SAP	 PAP	 RAP	 NAP	 MAP	 HAP	 CAP	 YAP	 WAP
5	 AR	 KAR	 TAR	 SAR	 PAR	 RAR	 NAR	 MAR	 HAR	 CAR	 YAR	 WAR
6	 AN	 KAN	 TAN	 SAN	 PAN	 RAN	 NAN	 MAN	 HAN	 CAN	 YAN	 WAN
7	 AM	 KAM	 TAM	 SAM	 PAM	 RAM	 NAM	 MAM	 HAM	 CAM	 YAM	 WAM
9	 AC	 KAC	 TAC	 SAC	 PAC	 RAC	 NAC	 MAC	 HAC	 CAC	 YAC	 WAC
A	 AY	 KAY	 TAY	 SAY	 PAY	 RAY	 NAY	 MAY	 HAY	 CAY	 YAY	 WAY
B	 AW	 KAW	 TAW	 SAW	 PAW	 RAW	 NAW	 MAW	 HAW	 CAW	 YAW	 WAW

The code points U+EDCC and U+EDCD represent combining characters that are occasionally used to indicate the presence of initial consonant clusters.

$$\begin{array}{cc} \text{◌} & \text{◌} \\ \hline \text{-r-} & \text{-y-} \end{array}$$

Such clustered consonants are encoded immediately following the initial consonant, before any final consonants or vowels.

$$\begin{array}{c} \delta + \text{◌} + \text{◌} = \delta\text{◌} \\ \text{Ka} + \text{-r-} + \text{o} = \text{Kro} \end{array}$$

The syllable iteration mark (U+EDCF) is considered a letter representing a repeated syllable. Like other letters, vowel signs are needed to indicate that reduplicated syllables features a vowel other than that of the implicit vowel, "a".

$$\begin{array}{c} \text{p} + \text{◌} + \text{r} + \text{◌} = \text{p} \text{◌} \text{r} \\ \text{pa} + \text{i} + \text{SYLLABLE} + \text{o} = \text{pipo} \\ \text{ITERATION} + \text{MARK} \end{array}$$

The syllable iteration mark may be encoded twice in a row to indicate reduplicated syllable pairs. This is typically, but not always, signified by a ligature [ꣳ]. Syllable iteration marks are notable for the number of ligation interactions with neighboring vowel signs.

$$\text{r} + \text{◌} + \text{r} + \text{◌} = \text{r} \text{◌} \text{r} \text{◌}$$

$$\text{r} + \text{f} + \text{◌} + \text{r} + \text{f} + \text{◌} = \text{rf} \text{◌} \text{rf} \text{◌}$$

$$\text{r} + \text{◌} + \text{r} + \text{◌} = \text{ꣳ}$$

$$\text{r} + \text{◌} + \text{r} + \text{◌} = \text{ꣳ}$$

Standard Tassarunese features three prosodic markers. One serves as a gemination sign.

ᵉ ᵛ ᵗ ᵛ ᵗ
tassarun

The remaining two markers mark pauses of shorter and longer duration, and are similar in function to a comma (') or period (.), respectively, aligned with the effective x-height (as determined by the shoulder of "sa" [ᵗ]).

While both forms of punctuation are used throughout Tassarunese texts, texts in Northern dialects tend to rarely feature the gemination sign due to its more limited use in the phonology of those dialects.

Tassarunese uses a base-12 numeral system. Digits are indicated by adding the digit marker above a letter. This is handled as a combining character for each digit. The correspondence of Tassarunese letters to duodecimal digits is one-to-one, such that the n'th letter in the alphabet is the digit n. Thus, using Pitman digits,

$$\begin{array}{c} \overline{\text{ᵗ ᵛ 0 ᵛ}} \\ 3 \text{ ᵗ } 0 \text{ ᵗ} \\ = 6632_{10} \end{array}$$

U+EDB0 → U+EDBB base consonants
U+EDBC → U+EDBF vowel markings
U+EDC0 → U+EDCB consonant endings
U+EDCC → U+EDCF consonant cluster markings and prosodic markers
U+EDD0 → U+EDD3 punctuation and other characters and markers
U+EDD4 → U+EDDF reserved

Character names and final code point assignments subject to change prior to final registration.

CHANGELOG:

2022-12-11 Initial reservation filed

2023-01-16 Impractical guide submitted; provisional reservation of U+EDC0 and U+EDCE retracted for further study; U+EDCF renamed to TASSARUNESE GEMINATION MARK

Row ED: TASSARUNESE

	EDB	EDC	EDD
0	0 EDB0	X	3 EDD0
1	8 EDB1	0 EDC1	1 EDD1
2	9 EDB2	0 EDC2	2 EDD2
3	2 EDB3	0 EDC3	0 EDD3
4	L EDB4	0 EDC4	X
5	M EDB5	0 EDC5	X
6	3 EDB6	0 EDC6	X
7	3 EDB7	0 EDC7	X
8	5 EDB8	X	X
9	4 EDB9	0 EDC9	X
A	φ EDBA	0 EDCA	X
B	2 EDBB	0 EDCB	X
C	f EDBC	1 EDCC	X
D	d EDBD	5 EDCD	X
E	6 EDBE	X	X
F	e EDBF	0 EDCF	X

Row ED: TASSARUNESE

B0	TASSARUNESE LETTER A	C9	TASSARUNESE COMBINING LETTER CA
B1	TASSARUNESE LETTER KA	CA	TASSARUNESE COMBINING LETTER YA
B2	TASSARUNESE LETTER TA	CB	TASSARUNESE COMBINING LETTER WA
B3	TASSARUNESE LETTER SA	CC	TASSARUNESE COMBINING LETTER CLUSTERED RA
B4	TASSARUNESE LETTER PA	CD	TASSARUNESE COMBINING LETTER CLUSTERED YA
B5	TASSARUNESE LETTER RA	CE	(This position shall not be used)
B6	TASSARUNESE LETTER NA	CF	TASSARUNESE GEMINATION MARK
B7	TASSARUNESE LETTER MA	D0	TASSARUNESE SYLLABLE ITERATION MARK
B8	TASSARUNESE LETTER HA	D1	TASSARUNESE COMMA
B9	TASSARUNESE LETTER CA	D2	TASSARUNESE FULL STOP
BA	TASSARUNESE LETTER YA	D3	TASSARUNESE COMBINING DIGIT MARK
BB	TASSARUNESE LETTER WA	D4	(This position shall not be used)
BC	TASSARUNESE VOWEL SIGN E	D5	(This position shall not be used)
BD	TASSARUNESE VOWEL SIGN I	D6	(This position shall not be used)
BE	TASSARUNESE VOWEL SIGN U	D7	(This position shall not be used)
BF	TASSARUNESE VOWEL SIGN O	D8	(This position shall not be used)
C0	(This position shall not be used)	D9	(This position shall not be used)
C1	TASSARUNESE COMBINING LETTER KA	DA	(This position shall not be used)
C2	TASSARUNESE COMBINING LETTER TA	DB	(This position shall not be used)
C3	TASSARUNESE COMBINING LETTER SA	DC	(This position shall not be used)
C4	TASSARUNESE COMBINING LETTER PA	DD	(This position shall not be used)
C5	TASSARUNESE COMBINING LETTER RA	DE	(This position shall not be used)
C6	TASSARUNESE COMBINING LETTER NA	DF	(This position shall not be used)
C7	TASSARUNESE COMBINING LETTER MA		
C8	(This position shall not be used)		