

Tengwar Formal fonts keymapping

This is a help file for Tengwar Formal fonts, version 1.2c.
 For the latest version, look at: <http://tengwarformal.limes.com.pl>

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 and is also available with a FAQ at: <http://scripts.sil.org/OFL>

Basic keyboard layout

Tengwar Formal font uses the character mapping compatible with Daniel Smith's Tengwar Quenya, Tengwar Sindarin and Tengwar Noldor fonts. This keyboard layout is accepted as a standard and used in almost all popular tengwar fonts the author knows. It is rather unusual, as tengwar itself differs from the Latin alphabet. There are no fixed relations between the tengwar and Latin letters, because each tengwa may correspond to different sounds in different languages. Thus, the layout is devised rather to show the logical construction of the Tengwar. There are various software utilities designed to help people with these fonts, and they can be also used with Tengwar Formal. Yet this is not too difficult to learn its basics:

- blue** characters are the keyboard strokes
- black** characters is what you get in this font
- gray** characters are only to show usage of black characters
- red** character is the only one that differs from the original Dan Smith's mapping

Lower case:

ı	Ɔ	Ɔ̇	Ɔ̈	Ɔ̉	Ɔ̊	Ɔ̋	Ɔ̌	Ɔ̍	Ɔ̎	Ɔ̏	Ɔ̐	Ɔ̑	Ɔ̒
·	1	2	3	4	5	6	7	8	9	0	-	=	\
Ɔ	Ɔ̇	Ɔ̈	Ɔ̉	Ɔ̊	Ɔ̋	Ɔ̌	Ɔ̍	Ɔ̎	Ɔ̏	Ɔ̐	Ɔ̑	Ɔ̒	Ɔ̓
	q	w	e	r	t	y	u	i	o	p	[]	
Ɔ̔	Ɔ̕	Ɔ̖	Ɔ̗	Ɔ̘	Ɔ̙	Ɔ̚	Ɔ̛	Ɔ̜	Ɔ̝	Ɔ̞	Ɔ̟	Ɔ̠	Ɔ̡
	a	s	d	f	g	h	j	k	l	;	'		
Ɔ̣	Ɔ̤	Ɔ̥	Ɔ̦	Ɔ̧	Ɔ̨	Ɔ̩	Ɔ̪	Ɔ̫	Ɔ̬	Ɔ̭	Ɔ̮	Ɔ̯	Ɔ̰
	z	x	c	v	b	n	m	,	.	/			

Upper case:

ı	Ɔ̑	Ɔ̒	Ɔ̓	Ɔ̔	Ɔ̕	Ɔ̖	Ɔ̗	Ɔ̘	Ɔ̙	Ɔ̚	Ɔ̛	Ɔ̜	Ɔ̝	Ɔ̞	Ɔ̟	Ɔ̠	Ɔ̡
~	!	@	#	\$	%	^	&	*	()	-	+					
Ɔ̣	Ɔ̤	Ɔ̥	Ɔ̦	Ɔ̧	Ɔ̨	Ɔ̩	Ɔ̪	Ɔ̫	Ɔ̬	Ɔ̭	Ɔ̮	Ɔ̯	Ɔ̰	Ɔ̱	Ɔ̲	Ɔ̳	Ɔ̴
	Q	W	E	R	T	Y	U	I	O	P	{	}					
Ɔ̵	Ɔ̶	Ɔ̷	Ɔ̸	Ɔ̹	Ɔ̺	Ɔ̻	Ɔ̼	Ɔ̽	Ɔ̾	Ɔ̿	Ɔ̠	Ɔ̡	Ɔ̢	Ɔ̣	Ɔ̤	Ɔ̥	Ɔ̦
	A	S	D	F	G	H	J	K	L	:	"						
Ɔ̧	Ɔ̨	Ɔ̩	Ɔ̪	Ɔ̫	Ɔ̬	Ɔ̭	Ɔ̮	Ɔ̯	Ɔ̰	Ɔ̱	Ɔ̲	Ɔ̳	Ɔ̴	Ɔ̵	Ɔ̶	Ɔ̷	Ɔ̸
	Z	X	C	V	B	N	M	<	>	?							

Extended keyboard strokes for tethar on US keyboard

Tetha symbols above the tengwar:

Reverse triple over-dots	alt/0170 ṑ̈̈̈	alt/0173 better alt/0128 ṑ̈̈̈	alt/0175 ḑ̈̈̈	alt/0181 ṑ̈̈̈
Double over-dots	alt/0212 ṑ̈̈	alt/0213 ṑ̈̈	alt/0214 ḑ̈̈	alt/0215 ṑ̈̈
Over-chevron	alt/0216 ṑ̈̈	alt/0217 ṑ̈̈	alt/0218 ḑ̈̈	alt/0219 ṑ̈̈
Over-circumflex	alt/0220 ṑ̂̂	alt/0221 ṑ̂̂	alt/0222 ḑ̂̂	alt/0223 ṑ̂̂
Reverse over-curl	alt/0224 ṑ̈̈̂	alt/0225 ṑ̈̈̂	alt/0226 ḑ̈̈̂	alt/0225 ṑ̈̈̂
Over-twist	alt/0232 ṑ̈̈̃	alt/0233 ṑ̈̈̃	alt/0234 ḑ̈̈̃	alt/0235 ṑ̈̈̃
High over-bar	alt/0236 ṑ̈̈̄	alt/0238 ṑ̈̈̄		

Tetha symbols below the Tengwa:

Single under-dot	alt/0200 ṑ̇	alt/0201 ḑ̇	alt/0202 ṑ̇	alt/0203 ṑ̇
Double under-dots	alt/0204 ṑ̇̇	alt/0205 ḑ̇̇	alt/0206 ṑ̇̇	alt/0207 ṑ̇̇
Reverse triple under-dots	alt/0208 ṑ̇̇̇	alt/0209 ḑ̇̇̇	alt/0210 ṑ̇̇̇	alt/0211 ṑ̇̇̇
Under-curl	alt/0228 ṑ̇̂	alt/0229 ḑ̇̂	alt/0230 ṑ̇̂	alt/0231 ṑ̇̂
Under-carrier	alt/0252 ṑ̇̄	alt/0253 ḑ̇̄	alt/0254 ṑ̇̄	alt/0255 ṑ̇̄
Single under-accent	alt/0137 ṑ̇̂̂	alt/0138 ḑ̇̂̂	alt/0139 ṑ̇̂̂	alt/0159 ṑ̇̂̂
Double under-accent	alt/0131 ṑ̇̂̂̂	alt/0132 ḑ̇̂̂̂	alt/0133 ṑ̇̂̂̂	alt/0134 ṑ̇̂̂̂
Under-tail	alt/0145 ṑ̇̂̂̂̂	alt/0146 ḑ̇̂̂̂̂	alt/0147 ṑ̇̂̂̂̂	alt/0148 ṑ̇̂̂̂̂
Low under-bar	alt/0237 ṑ̇̈̈̄	alt/0239 ḑ̇̈̈̄		

Tetha symbols inside the Tengwa:

Inside tilde	alt/0176 ṑ̃
Inside double-accent	alt/0130 ṑ̂̂

Inside bar	alt/0184 ṑ̄
Inside double dots	alt/0180 ṑ̇̇

Additional s-curves:

Lifted curl	alt/0161 ṑ̃̂
Upward curl	alt/0197 ṑ̃̂̂
Swash curl	alt/0163 ṑ̃̂̂̂

Raised curl	alt/0162 ṑ̃̂̂̂
Raised upward curl	alt/0198 ṑ̃̂̂̂̂
Lowered swash curl	alt/0165 ṑ̃̂̂̂̂̂

Additional Tengwar Letters used by Christopher Tolkien:

Alternate letter for <i>quesse</i>	alt/0196	ḡ
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Alternate letter for <i>halla</i>	alt/0189	l
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Additional Tengwar Letters used in J.R.R. Tolkien's English texts:

Alternate letter for <i>HW</i>	alt/0190	ḥ
Alternate letter for <i>HW</i>	alt/0179	ḥ

Alternate letter for <i>schwa</i>	alt/0188	ʁ
Alternate letter for <i>HW</i>	alt/0191	ʁ

Additional Tengwar Letters used in J.R.R. Tolkien's Sindarin texts:

Alternate letter for <i>a</i>	alt/0135	ḡ
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Alternate letter for <i>MH</i>	alt/0154	ḡ
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Additional Tengwar Letters used in J.R.R. Tolkien's Anglo-Saxon texts:

Old English letter for <i>HW</i>	alt/0149	ḥ
Old English letter for <i>SC (sh)</i>	alt/0150	ḥ
Old English symbol for & (<i>and</i>)	alt/0151	ḡ

Old English letter for <i>back HT</i>	alt/0166	ḥ
Old English letter for <i>front HT</i>	alt/0167	ḥ

Additional punctuation:

Elvish question mark	alt/0192	ḥ
Elvish exclamation mark	alt/0193	l
Elvish parenthesis	alt/0155	ḡ
Single wide tilde	alt/0194	~
Double narrow tilde	alt/0172	≈
Elvish comma	alt/0136	ḡ
Old English double front quote	alt/0171	"
Old English double back quote	alt/0187	"

Modern question mark	alt/0174	?
Modern exclamation mark	alt/0199	!
Modern period	alt/0186	.
Modern semicolon	alt/0195	;
Modern comma	alt/0185	,
Modern front quote	alt/0177	'
Modern back quote	alt/0178	'
Modern front parenthesis	alt/0140	(
Modern back parenthesis	alt/0156)

Tengwar numbers

Tengwar digits 0-3	alt/0240	ḡ	alt/0241	ḡ	alt/0242	ḡ	alt/0243	ḡ
Tengwar digits 4-7	alt/0244	ḡ	alt/0245	ḡ	alt/0246	ḡ	alt/0247	ḡ
Tengwar digits 8-11	alt/0248	ḡ	alt/0249	ḡ	alt/0250	ḡ	alt/0251	ḡ
Base-12 identifiers	alt/0152	ḡ	alt/0153	ḡ	alt/0168	ḡ	alt/0169	ḡ

Tengwar Formal A Keyboard layout

Tengwar Formal A font provides a small set of symbols to use in specific conditions. For example, it contains modified versions of *rómen* and *arda* to use with double under-dots. Additionally, the font comes with superscript *yanta* and *úre* tetha symbols, used occasionally in Sindarin texts, but never present in standard Dan Smith's mapping.

Additional Tengwar Letters:

Alternate letter for <i>rómen</i>	7	Ʒ
Alternate letter for <i>arda</i>	u	Ʒ
Alternate letter for <i>HW</i>	alt/0191	λ

Alternate letter for <i>MH</i>	y	Ʒ
Alternate letter for <i>hwesta</i>	<	Ʒ

Standard carriers for compatibility only:

Short vowel carrier	`	ǀ
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Long vowel carrier	~	ǀ
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Additional Tetha symbols:

Superscript <i>úre</i>	#	ǀ̇	E	ǀ̇	D	ǀ̇	C	ǀ̇
Narrow over-twist	\$	ǀ̄	R	ǀ̄	F	ǀ̄	V	ǀ̄
Superscript <i>yanta</i>	%	ǀ̂	T	ǀ̂	G	ǀ̂	B	ǀ̂
Over-breve	^	ǀ̆	Y	ǀ̆	H	ǀ̆	N	ǀ̆
Swash curl for <i>hyarmen</i>	}	Ʒ̣						

Final notes:

Keystrokes with alt key shown above may not work correctly under non-Windows operating systems because of differences between their keyboards. Nevertheless, it should be still possible to use "insert -> special chars".