

# Elstob—A variable font for medievalists

## Features and Character Set

### A. Faces

Roman and *Italic*. Character sets for roman and italic faces are identical, except for stylistic and a few other variants.

### B. Axes

Axes are continuously variable (fractional values are permitted).

**Weight:** 200 (ExtraLight) to 800 (**ExtraBold**). Default is 400.

**Optical Size:** 6 (use at circa 6–7pt) to 18 (use at 16pt or larger). Default is 12.

**Grade:** 0 to 1. Default is 0.

### C. Instances (for ElstobD, the desktop version)

	8pt	10pt	Regular (12pt)	14pt	18pt
ExtraLight			ABCDefghi <i>ABCDefghi</i>		
Light			ABCDefghi <i>ABCDefghi</i>		
Regular	ABCDEFefghijk <i>ABCDEFefghijk</i>	ABCDEefghij <i>ABCDEefghij</i>	ABCDefghi <i>ABCDefghi</i>	ABCDefghi <i>ABCDefghi</i>	ABCDefg <i>ABCDefg</i>
Medium	ABCDEFefghijk <i>ABCDEFefghijk</i>	ABCDEefghij <i>ABCDEefghij</i>	ABCDefghi <i>ABCDefghi</i>	ABCDefghi <i>ABCDefghi</i>	ABCDefg <i>ABCDefg</i>
SemiBold	ABCDEFefghijk <i>ABCDEFefghijk</i>	ABCDEefghij <i>ABCDEefghij</i>	ABCDefghi <i>ABCDefghi</i>	ABCDefghi <i>ABCDefghi</i>	ABCefgh <i>ABCefgh</i>
Bold	ABCDEFefghijk <i>ABCDEFefghijk</i>	ABCDEefghij <i>ABCDEefghij</i>	ABCDefghi <i>ABCDefghi</i>	ABCDefgh <i>ABCDefghi</i>	ABCefgh <i>ABCefgh</i>
ExtraBold			ABCDefghi <i>ABCDefghi</i>		ABCefg <i>ABCefgh</i>

### D. Axis Values (for Elstob, the variable font)

Axis values are like instances, but packed into one font file instead of distributed across many of them. Combine them in any way you like or select values in between (e.g. Weight 520, Optical Size 16.5).

Weight: 200 ExtraLight, 300 Light, **400 Regular**, 500 Medium, 600 Semibold, 700 Bold, 800 Extrabold

Optical Size: 8pt, 10pt, **12pt**, 14pt, 18pt

Grade: **0 LightGrade**, 1 HeavyGrade

## E. OpenType features

The OpenType features of Elstob are for the most part a subset of those of JuniusX: a document set in Elstob can be changed to JuniusX with few or no changes, and if the document uses the smaller Elstob character set, the reverse is true as well. Features are applied in the following order:

### 1. *aalt (Access All Alternates)*

Provides access to all variants in the font.

### 2. *ccmp (Glyph Composition/Decomposition)*

(1.) Two-letter mnemonic codes for special characters: see the last page of this document for a list. (2.) Removal of dot from i and j when followed by combining marks. (3.) Vowel + rhotic hook (U+02DE) combinations. In most applications this feature is on by default and cannot be turned off.

### 3a. *ss10 (Entities)*

Like HTML entities, these are mnemonic codes beginning with an asterisk and ending with a semicolon. They are listed at the of this document.

### 3. *locl (Localized Forms)*

Provides the English forms of thorn and eth (þ ð) when English is the active language.

### 4. *frac (Fractions)*

Elstob includes only three fractions: ¼, ½, ¾. Type as number + slash + number.

### 5. *ordn (Ordinals)*

Provides superscript forms of a and o when preceded by a figure: 1<sup>a</sup>, 2<sup>o</sup>.

### 6. *sups (Superscripts)*

Superscript numbers, both lining and old style.

### 7. *subs (Subscripts)*

Subscript numbers, both lining and old style.

### 8. *tnum (Tabular Figures), onum (Old-Style Figures), pnum (Proportional Figures), lnum (Lining Figures)*

In various combinations, provides figures in four styles: Tabular lining (default, 0123456789), Tabular old-style (01234567890), Proportional lining (01234567890), Proportional old-style (01234567890).

### 9. *zero (Slashed Zero)*

Provides slashed zero in all figure styles: 0, 0, 0, 0.

### 10. *c2sc (Small Capitals From Capitals)*

Converts capitals to small caps. Every capital in the font has a corresponding small capital. ABCD EFGHI-JKLMNOPQRSTUVWXYZpDÆ. Alternatively, use **11 ss20** for all small caps (= c2sc + smcp).

### 11. *ss20 (All small caps)*

Converts both lowercase and uppercase letters to small caps. For MS Word users, who don't have access to true small caps.

## *12. smcp (Small Capitals)*

Converts lowercase letters to small capitals. MS Word users should use **13 ss07** instead.

## *13. sso7 (Small Capitals)*

See **12 smcp**.

## *14. case (Case-Sensitive Forms)*

Mostly provides alternate diacritics for capitals, e.g. ÂÄÉËÖÏŨ. Also converts old-style to lining figures to harmonize with capitals.

## *15. sso1 (Alternate Thorn and Eth)*

Overrides any language setting to provide alternate shapes of the letters thorn and eth: Nordic shapes when the language is English, and English shapes otherwise.

## *16. sso2 (Insular Letter-Shapes)*

Transliterates from modern to insular (Old English, Old Irish) letter-shapes: ðꝥꝯꝛꝥ. Note that **39 calt** changes the sequence ꝛꝥ to ꝥꝥ.

## *17. sso3 (Long s)*

See **18 hist**.

## *18. hist (Historical Forms)*

Changes s to ſ. Duplicated by **17 ss03**, since some software does not provide access to the hist feature. tranſition, ſkate, ſheen, ſolar. See also **20 ss08**.

## *19. sso4 (IPA Letter-Shapes)*

Changes g to ɡ and (in italic only) a to ȁ.

## *20. sso8 (Contextual Long s)*

Use alone or in combination with **17 ss03** or **18 hist**. In English and French text, and in combination with **39 calt**, distributes s and f according to rules commonly employed by early printers in each language. In other languages it is functionally the same as **17 ss03** and **18 hist**.

## *21. ss11 (r Rotunda)*

Changes r to r rotunda (ꝛ). See also **26 ss16**.

## *22. ss12 (Early English Futhorc)*

Transliterates Latin script to runic with characters from the Early English futhorc. ƿƚƥƦƧ.

## *23. ss13 (Elder Futhark)*

Transliterates Latin script to runic with characters from the Elder futhark. ƿƚƥƦƧ.

## *24. ss14 (Younger Futhark)*

Transliterates Latin script to runic with characters from the Younger futhark. ƿƚƥƦƧ.

**25. ss15 (Long Branch to Short Twig)**

Use with **24 ss14**. Converts the default (Long Branch) version of the Younger futhark to the Short Twig version.  $\mathfrak{P}\mathfrak{N}\mathfrak{F}\mathfrak{I}\mathfrak{R}\mathfrak{V}$ .

**26. ss16 (Contextual r Rotunda)**

Use alone or in combination with **21 ss11**. Together with **39 calt**, distributes r and z in accordance with the rules most often employed in medieval manuscripts and early printed books: fo2m wo2krooms p2ayer.

**27. cv05 (Character Variant 5)**

Changes d to its insular shape (ð). For lowercase d it offers a choice of ð or ð; the capital is changed to Ð, the small cap D to Ɔ, and combining d (◌<sup>d</sup>) to ◌<sup>ð</sup>.

**28. cv09 (Character Variant 9)**

Changes f/F to ƒ/Ƒ and small cap F to ƒ.

**29. cv10 (Character Variant 10)**

Changes g/G to ġ/Ġ. and small cap G to ġ.

**30. cv13 (Character Variant 13)**

Changes i to ı (dotless i).

**31. cv24 (Character Variant 24)**

Changes r/R to ʀ/ʀ. and small cap R to ʀ.

**32. cv25 (Character Variant 25)**

Changes s/S to ʃ/ʃ, and small cap s to ʃ.

**33. cv26 (Character Variant 26)**

Changes t/T to ƿ/ƿ, and small cap T to ƿ.

**34. cv33 (Character Variant 33)**

Italic only. Provides a form of æ that some users may find less ambiguous than the default: æ.

**35. cv40 (Character Variant 40)**

Provides a choice of two alternate forms of ȝ: ȝ or ȝ.

**36. cv51 (Character Variant 51)**

Changes the question mark to *punctus interrogativus*. (ʔ)

**37. cv52 (Character Variant 52)**

Changes the short stroke (U+0335) to be either (1) wider or (2) wider on the right.

**38. cv80 (Character Variant 80)**

Italic only. Supplies upright versions of [ ] { } ( ) < >. These are kerned to look good with the font's basic Latin character set, e.g. *Æl[f]red cyning b[a]teð gr(e)tan.*

### *39. swsh (Swash)*

Italic only. Provides swash forms of certain capitals (*ADFPRT*) plus *z* and *k*.

### *40. calt (Contextual Alternates)*

Provides many alternate characters that vary automatically by context. Should always be on (must be turned on explicitly in MS Word).

### *41. liga (Standard Ligatures)*

Provides ligatures that should always be used for certain letter combinations (e.g. first flat office afflict offer). Should always be on, but must be turned on explicitly in MS Word.

### *42. dlig (Discretionary Ligatures)*

Provides *ct* and *st* ligatures, and in italic only, *as*, *is*, *us*.

# Roman Character Set

# BASIC LATIN

! " # \$ % & ' ( ) \* + , - . / 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @ A B C D E F G H I J K L M N O P Q R S T  
U V W X Y Z [ \ ] ^ \_ ` a b c d e f g h i j k l m n o p q r s t u v w x y z { | } ~ **variants:** 0123456789\$  
0123456789\$ 0123456789\$ 01234567890 01234567890 01234567890 01234567890 0000?

## LATIN I SUPPLEMENT

¡¢£¤¥¦§¨©ª«¬®¯°±²³´µ¶·¸¹º»¼½¾¿ÀÁÂÃÄÅÆÇÈÉÊËÌÍÎÏÐÑÒÓÔÕÖ×ØÙÚÛÜÝÞßàáâãäåæçèéêëìíîïðñóôõö÷øùúûüýþÿ **variants:** þ ð ö ð

## LATIN EXTENDED A, B, D, ADDITIONAL

[illegible]

## PUNCTUATION

— - - - — — || = ‘ ’ , “ ” „ † ‡ • ... < > / 〕 = ⟨ ⟩ < > † ‡ ∴ ∴ ? variants: 〕 〕

# RUNIC

[illegible]

## SPACING MODIFIER LETTERS

# h h j w ' e f ^ v i , y ' u . o ~ z y l 7 7 7 7 j ~

## COMBINING DIACRITICAL MARKS

[illegible]

# INTERNATIONAL PHONETIC ALPHABET

[illegible]

## SMALL CAPS

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Á Â Ã Ä Å Æ É Ê Ë Ì Í Î Ï Ĵ Ķ ĸ Ĺ Ł Ń Ň Ñ Ò Ó Ô Õ Ö Ø Ù Ú Û Ü Ý Þ ß à á â ã

## LIGATURES

fj fö fp fp fü ff fi fl ffi ffi lb lh li lk ll ffi mll lt ct st

## MISCELLANEOUS AND MATH

$$\Re \psi \in \therefore \circ^{\text{TM}} \neq \geq \leq \pm \approx \neg \infty \emptyset \int \Omega \Delta \Pi \Sigma \sqrt{\mu} \partial^{+*}$$

## Italic Character Set

## BASIC LATIN

*!“#\$%&'()\*+,-./0123456789;:<=>?@ABCDEFGHIJKLMN OPQRSTUVWXYZ  
XYZ[\]^\_`abcdefghijklmnopqrstu vwxyz{|}~variants: oI23456789s oI23456789s  
0123456789\$ 01234567890 01234567890 01234567890 01234567890 0000 ⚡ [] () {}*

## LATIN I SUPPLEMENT

¡¢£ ¤ ¥ ¦ § ¨ © ª « ¬ ® ¯ ° ± ² ³ ´ µ ¶ · ¸ ¹ º » ¼ ½ ¾ ¿ À Á Â Ã Ä Å Æ Ç È É Ê Ë Ì Í Î Ï Ð Ñ Ò Ó Ô Õ Ö × Ø Ù Ú Û Ü Ý Þ ß à á â ã ä å æ ç è é ê ë ì í î ï ð ñ ò ó ô õ ö ÷ ø ù ú û ü ý þ ÿ variants: Þ ð ð þ

## LATIN EXTENDED A, B, D, ADDITIONAL

[illegible]

## PUNCTUATION

\_ - - - - \_ - || - ‘ ’ “ ” „ † ≠ • ... < > / 7 \_ ⟨ ⟩ ⁄ ∫ ∴ ∵ ? variants: 77⟨⟩

# RUNIC

[illegible]

## SPACING MODIFIER LETTERS

bbjw, 'f^v, 'u.o ~\_yl777777

## COMBINING DIACRITICAL MARKS

*À Á Â Ã Ä Å Æ Ç È É Ê Ë Ì Í Î Ï Ñ Ò Ó Ô Õ Ö × Ø Ù Ú Û Ü Ý Þ ß à á â ã ä å æ ç è é ê ë ì í î ï ð ñ ò ó ô õ ö ø ù ú û ü ý þ ÿ*

## INTERNATIONAL PHONETIC ALPHABET

*a b c d e f g h i j k l m n o p q r s t u v w x y z*  
*A B C D E F G H I J K L M N O P Q R S T U V W X Y Z*  
**with rhotic hook:** *ɹ ʀ ɻ ʁ*

## SMALL CAPS

[illegible]

## LIGATURES

*fi fö fb fb fü ffi fl ffi ffl sb sb si sk sl sssi sm st et st*

## MISCELLANEOUS AND MATH

$$\mathbb{R} \not\sim^4 \mathbb{E} \therefore \circ^{TM} \neq \geq \leq \pm \approx \neg \infty \oslash \int \Omega \Delta \amalg \Sigma \surd \mu \partial \diamond + *$$

## ITALICS-ONLY VARIANTS

*a æ é ē A D F P R T k z ž ž ž as is us p*

# Entities

A number of characters can be typed by turning on ss10 and typing an ampersand, an identifier, and a semicolon, e.g. &US; for ʹ.

This feature is intended to make typing easier, but before you publish a web page or share a document with someone who may not have the Elstob font, you should replace these entities with the proper Unicode (UTF-8 or UTF-16) characters. MS Word users can use the Elstob\_\_Replace\_\_Code macro in Elstob\_\_Word\_\_Template.dotm or the standalone Elstob\_\_Replace\_\_Code.bas script to accomplish this.

&AA; = Å (U+A732)	&q2; = q (U+A759)	&_ccedil; = ¸ (U+1DD7)
&aa; = å (U+A733)	&rr; = ʀ (U+A75B)	&_dins; = ¨ (U+1DD8)
&AO; = Å (U+A734)	&sd; = f (U+1E9C)	&_eth; = ð (U+1DD9)
&ao; = å (U+A735)	&THORN; = Þ (U+00DE)	&_e; = ë (U+0364)
&AU; = Å (U+A736)	&thorn; = þ (U+00FE)	&_g; = ð (U+1DDA)
&au; = å (U+A737)	&ct; = þ (U+A765)	&_h; = ð (U+036A)
&AV; = Å (U+A738)	&VY; = Ÿ (U+A760)	&_i; = ï (U+0365)
&av; = å (U+A739)	&vy; = y (U+A761)	&_k; = ð (U+1DDC)
&AY; = Å (U+A73C)	&WN; = P (U+01F7)	&_l; = ï (U+1DDD)
&ay; = å (U+A73D)	&wn; = p (U+01BF)	&_m; = ð (U+036B)
&AElig; = Æ (U+00C6)	&et; = ʒ (U+A76B)	&_n; = ð (U+1DE0)
&aelig; = æ (U+00E6)	&is; = f (U+A76D)	&_o; = ð (U+0366)
&ETH; = Ð (U+00D0)	&ti; = j (U+204A)	&_r; = ʀ (U+036C)
&eth; = ð (U+00F0)	&US; = ʹ (U+A770)	&_rr; = ʀ (U+1DE3)
&YO; = ʒ (U+021C)	&co; = 9 (U+A76F)	&_s; = ð (U+1DE4)
&yö; = ʒ (U+021D)	&ru; = ʀ (U+A75D)	&_longs; = ¸ (U+1DE5)
&kl; = k (U+A741)	&pc; = · (U+00B7)	&_t; = ð (U+036D)
&OO; = Ø (U+A74E)	&pe; = ː (U+2E4E)	&_v; = ʀ (U+036E)
&oo; = ø (U+A74F)	&_ur; = ʀ (U+1DD1)	&_x; = ʀ (U+036F)
&OB; = Θ (U+A74A)	&_a; = ð (U+0363)	&_z; = ð (U+1DE6)
&ob; = ø (U+A74B)	&_ao; = ð (U+1DD5)	&_oa; = ʀ (U+1DD3)
&pr; = p (U+A751)	&_av; = ð (U+1DD6)	&_us; = ʀ (U+1DD2)
&po; = p (U+A753)	&_aelig; = ð (U+1DD4)	&_zz; = ʀ (U+035B)
&q1; = q (U+A757)	&_c; = ʀ (U+0368)	&_ZZ; = ʀ (U+1DCF)

Problem? Open an issue at <https://github.com/psb1558/Elstob-font>.