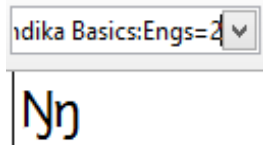


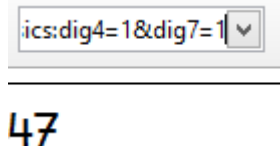
Font Features for Andika Basics

The Andika Basics font includes a number of optional features that provide alternative rendering that might be preferable for use in some contexts. The chart below enumerates the details of these features. Whether these features are available to users will depend on both the application and the rendering technology (Graphite or OpenType) being used. Most features are available in both Graphite and OpenType, though there may be minor differences in their implementation.

In LibreOffice 3.4.2+ (<http://www.libreoffice.org/download/>) or OpenOffice 3.2+ (<http://www.openoffice.org/download/>) the features are available only when Graphite rendering is enabled (the default). Features can be turned on by choosing the font (i.e., Andika Basics), followed by a colon, followed by the feature ID, and then followed by the feature setting. So, for example, if the Uppercase eng alternate “Capital N with tail” is desired, the font selection would be “Andika Basics:Engs=2”. (The Graphite feature IDs are different than what was used in the Andika Basic font. If you already have documents which specify the Graphite feature IDs as digits, you will need to change from digits to text. Both are documented in the table below. We are very sorry for the inconvenience.)



If you wish to apply two (or more) features, you can separate them with an “&”. Thus, “Andika Basics:dig4=1&dig7=1” would apply “Digit Four with open top” plus the “Digit Seven with bar” feature.



These same features are also available in OpenType. The OpenType feature IDs (“cvxx” for “Character Variant” and “ssxx” for “Stylistic Set”) are listed in the OpenType feature ID column. However, they are only available in a few applications. Mozilla Firefox (<https://www.mozilla.org/firefox>) and Bloom (<http://bloomlibrary.org/>)¹ are the only applications that currently support Character Variants. Adobe InDesign, Microsoft Word, Microsoft Publisher and Mozilla Firefox support Stylistic Sets.

¹Currently this is done in Bloom without UI support. The user has to open the file “customCollectionStyles.css” and enter a rule like:

```
*:lang(no)
{
    font-feature-settings: "Engs" 3;
}
```

A glyph palette is available for accessing the alternate glyphs in some applications such as Adobe InDesign.

Ideally the selection of these font features is done in application programs, but many applications do not yet support this functionality. In response to this lack of support for features, a program called TypeTuner (command line version: <http://scripts.sil.org/TypeTuner> and web-based version: <http://scripts.sil.org/ttw>) allows users to create derivative fonts with their own feature settings based on the needs of a local project or region.

In the table below, upper and lower case pairs are shown (if they exist), even if the feature only affects one or the other. This is in order to see how the whole pair looks when a feature is applied. The following font features are available in Andika Basics. Note that within each feature the top-most value is the default.

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Implementation Notes ²
Language specific					
Vietnamese-style diacritics (U+1EA4 U+1EA5 U+1EA6 U+1EA7 U+1EA8 U+1EA9 U+1EAA U+1EAB U+1EAE U+1EAF U+1EB0 U+1EB1 U+1EB2 U+1EB3 U+1EB4 U+1EB5 U+1EBE U+1EBF U+1EC0 U+1EC1 U+1EC2 U+1EC3 U+1EC4 U+1EC5 U+1ED0 U+1ED1 U+1ED2 U+1ED3 U+1ED4 U+1ED5 U+1ED6 U+1ED7)	cv75	viet (old:1029)	0=False 1=Vietnamese-style	Áá Àà Ăă Ãã Ấấ Ằằ Ẵẵ Éé Èè Êê Ëë Óó Òò Ôô Õõ Ấấ Àà Ằằ Ẵẵ Ấấ Ằằ Ẵẵ Éé Èè Êê Ëë Óó Òò Ôô Õõ	G, O, T
Miscellaneous					
Literacy alternates (U+0061 U+00E0 U+00E1 U+00E2 U+00E3 U+00E4 U+00E5 U+0101 U+0103 U+01CE U+01DF U+01E1 U+01FB U+0227 U+1EA1 U+1EA3 U+1EA5 U+1EA7 U+1EA9 U+1EAB U+1EAD U+1EAF U+1EB1 U+1EB3 U+1EB5 U+1EB7 U+0067 U+011D U+011F U+0121 U+01E7 U+01F5 U+1E21)	ss01	litr (old:1032)	1=True (default) 0=False	Aa Àà Áá Ââ Ãã Ää Åå Āā Ăă Ǻǻ Āā Áá ÀàẠạ Ằằ Ấấ Àà Ằằ Ẵẵ Ậậ Ắắ Ằằ Ằằ Ẵẵ Ặặ Gg Gg Gg Gg Gg Gg G̃g Aa Àà Áá Ââ Ãã Ää Åå Āā Ăă Ǻǻ Āā Áá ÀàẠạ Ằằ Ấấ Àà Ằằ Ẵẵ Ậậ Ắắ Ằằ Ằằ Ẵẵ Ặặ Gg Gg Gg Gg Gg Gg G̃g	G, O, T
Slant italic specials (U+0061 U+00E3 U+00E0 U+00E1 U+00E2 U+00E4 U+00E5 U+0101 U+0103 U+01CE U+01DF U+01E1 U+01FB U+0227 U+1EA3 U+1EA5 U+1EA7 U+1EA9 U+1EAB U+1EAD U+1EAF U+1EB1 U+1EB3 U+1EB5 U+1EA1 U+1EB7 U+00E6 U+0066 U+1E1F U+0069 U+00EC U+00ED U+00EE U+00EF U+0129 U+012B U+012D U+01D0 U+1E2F U+1EC9 U+1ECB U+0131 U+006C U+013A U+1E37 U+1E39 U+1E3B U+0076 U+1E7D U+1E7F U+007A U+017A U+017C U+017E U+1E91 U+1E93 U+1E95)	ss05	ital (old:1053)	0=False	Aa Ãã Àà Áá Ââ Ää Åå Āā Ăă Ǻǻ Āā Áá Àà Ằằ Ắắ Àà Ằằ Ẵẵ Ậậ Ắắ Ằằ Ằằ Ắắ Ạạ Ặặ Ææ Ff Ff Ii Ìì Íí Îî Ïï Ĩĩ Ìì Ĩĩ Ĩĩ Ĩĩ Ĩĩ Ĩĩ Ĩĩ Ĩĩ Ĩĩ Ĩĩ Ĩĩ Ĩĩ Ĩĩ Ĩĩ Ĩĩ Ĩĩ Zz Zz Zz Zz Zz Zz Zz Zz Zz Zz Zz Zz Zz Zz Zz Zz Zz Zz fi ffi	G, O, T
			1=True	Aa Ãã Àà Áá Ââ Ää Åå Āā Ăă Ǻǻ Āā Áá Àà Ằằ Ắắ Àà Ằằ Ẵẵ Ậậ Ắắ Ằằ Ằằ Ắắ Ạạ Ặặ Ææ Ff Ff Ii Ìì Íí Îî Ïï Ĩĩ Ìì Ĩĩ Ĩĩ Ĩĩ Ĩĩ Ĩĩ Ĩĩ Ĩĩ Ĩĩ Ĩĩ Ĩĩ Ĩĩ Ĩĩ Ĩĩ Ĩĩ Ĩĩ Zz Zz fi ffi	This feature will only work if you also turn off Literacy alternates. Thus, your font selection must be: "Andika Basics:ital=1&litr=0"

² **Implementation Notes:** **G**=Implemented in Graphite; **O**=Implemented in OpenType; **T**=Implemented in TypeTuner (command line version: <http://scripts.sil.org/TypeTuner> and web-based version: <http://scripts.sil.org/ttw>).

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Implementation Notes
Small i-tail alternate (U+0069 U+00EC U+00ED U+00EE U+00EF U+0129 U+012B U+012D U+0131 U+01D0 U+1E2F U+1EC9 U+1ECB)	cv31	i_tl (old:1070)	0= Straight	ı ı í î ï ÿ ŷ ı ı	G, O, T
			1= Curved tail	ı ı í î ï ÿ ŷ ı ı	
Small j-serif alternate (U+006A U+0237)	cv34	jser (old:1071)	0= No top serif	ĵ ĵ	G, O, T
			1= Top serif	ĵ ĵ	
Capital J alternate (U+004A)	cv35	llJ	0= No bar	J	G, O, T
			1= Top bar	J	
Small l-tail alternate (U+006C U+013A U+0142 U+019A U+026B U+1E37 U+1E39 U+1E3B U+2C61)	cv39	l_tl (old:1072)	0= Straight	ı í ĺ ł þ ! ! !	G, O, T
			1= Curved tail	ı í ĺ ł þ ! ! !	
Uppercase Eng alternates (U+014A)	cv43	Engs (old:1024)	0= Large eng with descender	ŋ ŋ	G, O, T
			1= Large eng on baseline	ŋ ŋ	
			2= Capital N with tail	N ŋ	
			3= Large eng with short stem	ŋ ŋ	
Capital N-left-hook alternate (U+019D)	cv44	N_hk (old:1035)	0= Uppercase style	N ŋ	G, O, T
			1= Lowercase style	ŋ ŋ	
Open-O alternate (U+0186 U+0254)	cv46	opnO (old:1059)	0= Bottom serif	Ɔ Ɔ	G, O, T
			1= Top serif	Ɔ Ɔ	
Small q-tail alternate (U+0071)	cv51	q_tl (old:1073)	0= Straight	Qq	G, O, T
			1= Point	Qq	

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Implementation Notes
Capital Q alternate (U+0051)	cv52	Qalt: (old:1076)	0=Tail	Qq	G, O, T
			1=Tail across	Qq	
Small t-tail alternate (U+0074 U+1E97 U+1E6B U+0163 U+1E6D U+1E6F)	cv56	t_tl: (old:1074)	0=Curved tail	t t̃ t t̃ t t̃	G, O, T
			1=Straight	t t̃ t t̃ t t̃	
Capital Y-hook alternate (U+01B3)	cv68	Y_hk (old:1034)	1=Right hook	Yy	G, O, T
			0=Left hook	Yy	
Small y-tail alternate (U+0079 U+00FD U+1EF3 U+0177 U+1E99 U+00FF U+1EF9 U+1E8F U+0233 U+1EF7 U+1EF5 U+01B4)	cv67	y_tl: (old:1075)	0=Curved tail	y ý ÿ ŷ ŷ̃ ŷ̄ ŷ̅ ŷ̆ ŷ̇	G, O, T We are aware that U+01B4 is not currently supported by this feature. We hope to support it in the future.
			1=Straight	y ý ÿ ŷ ŷ̃ ŷ̄ ŷ̅ ŷ̆ ŷ̇	
Modifier apostrophe alternates (U+02BC U+A78B U=A78C)	cv70	apos (old:1044)	0=Small	’ l l	G, O, T
			1=Large	’ l l	
Modifier colon alternate (U+A789)	cv71	coln (old:1047)	0=Tight	:	G, O, T
			1=Expanded	:	
Numbers					
Digit Zero with slash (U+0030)	cv10	dig0 (old:1065)	0=No slash	0	G, O, T
			1=Slash	0	
Digit One without base (U+0031)	cv01	dig1 (old:1066)	0=Base	1	G, O, T
			1=No base	1	
Digit Four with open top (U+0034)	cv04	dig4 (old:1067)	0=Closed	4	G, O, T
			1=Open	4	

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Implementation Notes
Digit Six and Nine alternates (U+0036 U+0039)	cv06	dg69 (old:1068)	0=Curved stem	6 9	G, O, T
			1=Diagonal stem	6 9	
Digit Seven with bar (U+0037)	cv07	dig7 (old:1069)	0=No bar	7	G, O, T
			1=Bar	7	
Other Features					
Line spacing			Normal Tight Loose	Allows for adjustment of the default line spacing in the font.	T