

# Font Features for Andika

When Andika is used in applications that support Graphite, and that provide an appropriate user interface, various user-controllable font features are available that allow access to alternatively-designed glyphs that might be preferable for use in some contexts. In the Graphite version of OpenOffice 3.2<sup>1</sup> the font features can be turned on by choosing the font (ie Andika), 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:1024=2”. If you wish to apply two (or more) features, you can separate them with an “&”. Thus, “Andika:1024=2&1058=2” would apply “Capital N with tail” plus the “Small capitals” feature.

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<sup>2</sup> 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 lowercase 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:

Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes <sup>3</sup>
<b>Language specific</b>					
<b>Vietnamese-style diacritics</b> (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 1ED7)	1029	0=False	Áá Àà Ââ Ãã Ää Åå Ææ Èè Éé Êê Ëë Ìì Íí Îî Ïï Ññ	ÁÁ ÀÀ ÂÂ ÃÃ ÄÄ ÅÅ ÆÆ ÈÈ ÉÉ ÊÊ ËË ÌÌ ÍÍ ÎÎ ÏÏ ÑÑ	R, O
		1=True	Áă Àă Âă Ãă Äă Åă Æă Èă Éă Êă Ëă Ìă Íă Îă Ïă Ññ	ÁĂ ÀĂ ÂĂ ĂĂ ÄĂ ÅĂ ÆĂ ÈĂ ÉĂ ÊĂ ËĂ ÌĂ ÍĂ ÎĂ ÏĂ ÑÑ	

<sup>1</sup> [http://scripts.sil.org/OOo\\_20\\_graphite](http://scripts.sil.org/OOo_20_graphite)

<sup>2</sup> <http://scripts.sil.org/TypeTuner>

<sup>3</sup> **TypeTuner legend:** R=glyphs are Reencoded (will work with dumb rendering); O=OpenType rules are activated; G=Graphite-only feature (All features are available for Graphite applications.)

Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Romanian-style diacritics (U+015E U+015F U+0162 U+0163)	1041	0=False	Șș Țț	Șș ȚȚ	R, O
		1=True	Șș ȚȚ	Șș ȚȚ	
Chinantec tones (U+02CB U+02C8 U+02C9 U+02CA)	1057	0=False	˘ ˙ ˚ ˛	Small capitals are not available as there is no uppercase equivalent	R
		1=True	˘ ˙ ˚ ˛		
Bridging diacritics (U+0308 – used with “L” and “l”, U+0311, U+0361 and U+035F – used with “O”, “o”, “U” and “u”.)	1052	0=False	Naso: L̈L̈ İ̈ İ̈ L̈Ï Konai: ÔU Ôu ôu Ô̲U Ô̲u ô̲u O̲U O̲u o̲u O̲̲U O̲̲u o̲̲u	Small capitals do not work properly	G
		1=True	Naso: L̈L̈ İ̈ İ̈ L̈Ï Konai: Ô̲U Ô̲u ô̲u Ô̲̲U Ô̲̲u ô̲̲u O̲̲U O̲̲u o̲̲u O̲̲̲U O̲̲̲u o̲̲̲u		
Cyrillic <sup>4</sup>					
Mongolian-style Cyrillic E (U+042D U+044D)	1027	0=False	Ээ	Ээ	R
		1=True	Ээ	Ээ	
Combining breve Cyrillic form (U+0306)	1028	0=False	anything with ӑ (ӑӑ)	anything with ӑ (ӑӑ)	R (no effect if data is NFC)
		1=True	anything with ӑ (ӑӑ)	anything with ӑ (ӑӑ)	

<sup>4</sup> There are also Cyrillic characters affected by the “Capital Ezh alternates”, “Small capitals” and “Show deprecated PUA” features. Some languages may also use the “Modifier apostrophe alternates.”

Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Cyrillic shha alternate (U+04BB)	1056	0=False	hh	hh	R
		1=True	hh	hh	
Tone-related					
Tone numbers (U+02E5 U+02E6 U+02E7 U+02E8 U+02E9 U+A712 U+A713 U+A714 U+A715 U+A716)	1026	0=False	ᳵ ᳶ ᳷ ᳸ ᳹ ᳺ ᳻ ᳼ ᳽ ᳾	Small capitals are not available as there is no uppercase equivalent	G
		1=True	5 4 3 2 1 5 4 3 2 1		
Hide tone contour staves (U+02E5 U+02E6 U+02E7 U+02E8 U+02E9 U+A712 U+A713 U+A714 U+A715 U+A716)	1050	0=False	ᳵ ᳶ ᳷ ᳸ ᳹ ᳺ ᳻ ᳼ ᳽ ᳾ (ᳵ ᳶ)	Small capitals are not available as there is no uppercase equivalent	G
		1=True	ᳵ ᳶ ᳷ ᳸ ᳹ ᳺ ᳻ ᳼ ᳽ ᳾ (ᳵ ᳶ)		
9-level pitches (U+F1F1 U+F1F2 U+F1F3 U+F1F4 U+F1F5 U+F1F6 U+F1F7 U+F1F8 U+F1F9)	1062	0=Ligated	ᳵ ᳶ ᳷ ᳸ ᳹ ᳺ ᳻ ᳼ ᳽ ᳾ (ᳵ ᳶ)	Small capitals are not available as there is no uppercase equivalent	G
		1=Show tramlines	ᳵ ᳶ ᳷ ᳸ ᳹ ᳺ ᳻ ᳼ ᳽ ᳾ (ᳵ ᳶ)		
		2=Non-ligated	ᳵ ᳶ ᳷ ᳸ ᳹ ᳺ ᳻ ᳼ ᳽ ᳾ (ᳵ ᳶ)		
		3=Show tramlines, non-ligated	ᳵ ᳶ ᳷ ᳸ ᳹ ᳺ ᳻ ᳼ ᳽ ᳾ (ᳵ ᳶ)		

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Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
<b>J stroke hook alternate</b> (U+0284)	1049	0=No serif	f	Small capitals are not available as there is no uppercase equivalent	R
		1=Top serif	f		
<b>Small l-tail alternate</b> (U+006C U+013A U+013C U+013E U+0140 U+0142 U+019A U+026B U+026C U+02E1 U+1D85 U+1DAA U+1E37 U+1E39 U+1E3B U+1E3D U+2C61)	1072	0=straight	l í î ï ð ñ ò ó ô õ ö ÷ ŷ Ź ź	L L̇ L̈ L̉ L̊ L̋ Ľ L̍ L̎ L̏ L̐ L̑ L̒ L̓ L̔ L̕ L̖ L̗ L̘ L̙ L̚ L̛ L̜ L̝ L̞ L̟ L̠ L̡ L̢ Ḷ L̤ L̥ L̦ Ļ L̨ L̩ L̪ L̫ L̬ Ḽ L̮ L̯ L̰ Ḻ L̲ L̳ L̴ L̵ L̶ L̷ L̸ L̹ L̺ L̻ L̼ L̽ L̾ L̿	R
		1=curved tail	l í î ï ð ñ ò ó ô õ ö ÷ ŷ Ź ź	L L̇ L̈ L̉ L̊ L̋ Ľ L̍ L̎ L̏ L̐ L̑ L̒ L̓ L̔ L̕ L̖ L̗ L̘ L̙ L̚ L̛ L̜ L̝ L̞ L̟ L̠ L̡ L̢ Ḷ L̤ L̥ L̦ Ļ L̨ L̩ L̪ L̫ L̬ Ḽ L̮ L̯ L̰ Ḻ L̲ L̳ L̴ L̵ L̶ L̷ L̸ L̹ L̺ L̻ L̼ L̽ L̾ L̿	
<b>Uppercase Eng alternates</b> (U+014A)	1024	0=Large eng with descender	ŋ	ŋ	R
		1=Large eng on baseline	ŋ	ŋ	
		2=Capital N with tail	N	N	
		3=Large eng with short stem	ŋ	ŋ	
<b>Capital N-left-hook alternate</b> (U+019D)	1035	0=Uppercase style	N	N	R
		1=Lowercase style	n	n	
<b>Open o alternate</b> (U+0186 U+0254 U+1D10 U+1D53 U+1D97)	1059	0=Bottom serif	o	o	R
		1=Top serif	o	o	
<b>Small p-hook alternate</b> (U+01A5)	1040	0=Left hook	p	p	R
		1=Right hook	p	p	



Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
<b>Small y-tail alternate</b> (U+0079 U+024F U+02B8 U+00FD U+1EF3 U+0177 U+1E99 U+00FF U+1EF9 U+1E8F U+0233 U+1EF7 U+1EF5 U+01B4 U+028E U+F1CE U+F267)	1075	0=curved tail	ŷ ʏ ȳ ỳ ȷ ȶ ȷ ȶ ȷ ȶ ȷ ȶ ȷ ȶ ȷ ȶ	Ŷ ŷ ȶ ȷ ȶ ȷ ȶ ȷ ȶ ȷ ȶ ȷ ȶ ȷ ȶ ȷ ȶ	R
		1=straight	ŷ ʏ ȳ ỳ ȷ ȶ ȷ ȶ ȷ ȶ ȷ ȶ ȷ ȶ ȷ ȶ	Ŷ ŷ ȶ ȷ ȶ ȷ ȶ ȷ ȶ ȷ ȶ ȷ ȶ ȷ ȶ ȷ ȶ	
<b>Small ezh-curl alternate</b> (U+0293)	1036	0=Small bowl	Ʒ	Small capitals are not available as there is no uppercase equivalent	
		1=Large bowl	Ʒ		
<b>Capital Ezh alternates</b> (U+01B7 U+04E0)	1042	0=Normal	Ʒ Ʒ	Ʒ Ʒ	R
		1=Reversed sigma	Ʒ Ʒ	Ʒ Ʒ	
<b>OU alternates</b> (U+0222 U+0223 U+1D3D U+1D15)	1045	0=Closed	88 <sup>8</sup>	88 <sup>8</sup>	R
		1=Open	88 <sup>8</sup>	88 <sup>8</sup>	
<b>Modifier apostrophe alternates</b> (U+02BC U+A78B U=A78C)	1044	0=Small	’ ll	Small capitals are not available	R
		1=Large	’ ll		
<b>Modifier colon alternate</b> (U+A789)	1047	0=Tight	:	Small capitals are not available as there is no uppercase equivalent	R
		0=Wide	:		
<b>Empty set alternates</b> (U+2205)	1046	0=Circle	∅	Small capitals are not available as there is no uppercase equivalent	R
		1=Zero	∅		



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Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
			<p>           x z a q e e z a i p u o o p t y Y e 4 b d f m n p r            f s t z i u s z h M P t v v j j k K z Z ' l r l j X x            X x E e         </p>		
		2=Through Unicode 4.1	<p>           i i o o o o o o o o m m n n s s i i r r z z j j t t i i o o e f g h u u            l s j s u u w w x x z z s s c c b b l l m m n n o o s s t t o o z z r r o o u u i i l l l l            i i l l l l l l l l l l . . . . . : = a b c d e f g h i j k l m n p r s t v            y u a w W z ' n e e h h b b d f g k l m n p r s t v            x z a q e e s s e i p u o o o o t y Y e 4 b d f m n p r            n s t z i u s z h M P t v v j j k K z Z ' l r l j X x            X x E e         </p>	<p>           C t E P q Q R R w W ' ?            E E H H Y Y e 4 H j j K K            z z l r l j X x X x E e         </p>	
		3=Through Unicode 5.0	<p>           i i o o o o o o o o m m n n s s i i r r z z j j t t i i o o e f g h u u            l s j s u u w w x x z z s s c c b b l l m m n n o o s s t t o o z z r r o o u u i i l l l l            i i l l l l l l l l l l . . . . . : = a b c d e f g h i j k l m n p r s t v            y u a w W z ' n e e h h b b d f g k l m n p r s t v            x z a q e e s s e i p u o o o o t y Y e 4 b d f m n p r            n s t z i u s z h M P t v v j j k K z Z ' l r l j X x            X x E e         </p>	<p>           C t E P q Q R R w W ' ?            E E H H Y Y e 4 H j j K K            z z l r l j X x X x E e         </p>	
		4=Through Unicode 5.1	<p>           i i o o o o o o o o m m n n s s i i r r z z j j t t i i o o e f g h u u            l s j s u u w w x x z z s s c c b b l l m m n n o o s s t t o o z z r r o o u u i i l l l l            i i l l l l l l l l l l . . . . . : = a b c d e f g h i j k l m n p r s t v            y u a w W z ' n e e h h b b d f g k l m n p r s t v            x z a q e e s s e i p u o o o o t y Y e 4 b d f m n p r            n s t z i u s z h M P t v v j j k K z Z ' l r l j X x            X x E e         </p>	<p>           C t E P q Q R R w W ' ?            E E H H Y Y e 4 H j j K K            z z l r l j X x X x E e         </p>	

Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
<b>Numbers</b>					
Digit Zero with slash (U+0030 U+2070 U+2080)	1065	0=no slash	0 <sup>0</sup> <sub>0</sub>	Small capitals are not available as there is no uppercase equivalent	R
		1=slash	0 <sup>0</sup> <sub>0</sub>		
Digit One without base (U+0031 U+00B9 U+2081)	1066	0=base	1 <sup>1</sup> <sub>1</sub>	Small capitals are not available as there is no uppercase equivalent	R
		1=no base	1 <sup>1</sup> <sub>1</sub>		
Digit Four with open top (U+0034 U+2074 U+2084)	1067	0=Closed	4 <sup>4</sup> <sub>4</sub>	Small capitals are not available as there is no uppercase equivalent	R
		1=Open	4 <sup>4</sup> <sub>4</sub>		
Digit Six and Nine alternates (U+0036 U+0039 U+2076 U+2079 U+2086 U+2089)	1068	0=curved stem	6 <sup>9</sup> <sub>6 9</sub>	Small capitals are not available as there is no uppercase equivalent	R
		1=diagonal stem	6 <sup>9</sup> <sub>6 9</sub>		
Digit Seven with bar (U+0037 U+2077 U+2087)	1069	0=no bar	7 <sup>7</sup> <sub>7</sub>	Small capitals are not available as there is no uppercase equivalent	R
		1=bar	7 <sup>7</sup> <sub>7</sub>		