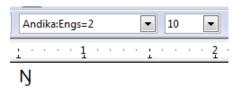
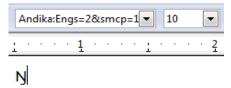
## **Font Features for Andika**

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 LibreOffice 3.4.2+ (<a href="http://www.libreoffice.org/download/">http://www.libreoffice.org/download/</a>) or OpenOffice 3.2+ (<a href="http://www.openoffice.org/download/">http://www.openoffice.org/download/</a>) 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:Engs=2". (The Graphite feature IDs have changed. 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:Engs=2&smcp=1" would apply "Capital N with tail" plus the "Small capitals" 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 (<a href="https://www.mozilla.org/firefox">https://www.mozilla.org/firefox</a>) is the only application that currently supports Character Variants. Adobe InDesign, Microsoft Word, Microsoft Publisher and Mozilla Firefox support Stylistic Sets.

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: <a href="http://scripts.sil.org/TypeTuner">http://scripts.sil.org/TypeTuner</a> and web-based version: <a href="http://scripts.sil.org/ttw">http://scripts.sil.org/TypeTuner</a> and web-based version: <a href="http://scripts.sil.org/ttw">http://scripts.sil.org/ttw</a> and web-based version: <a href="http://scripts.sil.org/ttw">http://scripts.sil.org/t

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:

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes <sup>1</sup>											
Language specific																	
Vietnamese-style diacritics (U+1EA4 U+1EA5 U+1EA6 U+1EA7 U+1EA8 U+1EA9 U+1EA4 U+1EAB U+1EAE U+1EAF U+1EB0 U+1EB1 U+1EB2 U+1EB3 U+1EB4 U+1EB5 U+1EB5 U+1EB7 U+1EC0 U+1EC1 U+1EC1 U+1EC4 U+1EC4 U+1EC4 U+1EC5 U+1EC5 U+1EC5 U+1ED5 U+1ED6 U+1ED7)	cv75	viet (old:1029)	0=False	ấấ Àà Ẩả Ãã Áá Àà Àà Ăă Éế Èè ểể ễẽ ốố ồò ổổ ỗã	ấấ ÀÀ ẨẨ ẨÃ ẮẮ ÀÀ ẨĂ ÃÃ ÉÉ ÈÈ ểể ễễ ốố ÒÒ ỞỞ ÕÕ	R, O											
			1=Vietnamese-style	ấã ầà ẩẩ ẫã ắắ ằằ ẳẳ ẵẵ ếế ềề ểể ễễ ốố ồò ổổ ỗỗ	ấã ầà ẩẩ ẫã ắắ ằằ ẳẳ ẵã ếế Èè ểể ễễ ốố ồò ổổ ỗỗ												
Serbian-style alternates (U+0431 U+0433 U+0434 U+043F U+0442)	locl (accessed trhough	serb	0=False	Б6 Гг Дд Пп Тт	ББ ГГ ДД ПП ТТ	R											
Primarily intended for italic use	Serbian language)		1=True	Бδ Гг Дд Пп Тт	ББ ГГ ДД ПП ТТ												
•	cv90	cv90	cv90	cv90	cv90	cv90	cv90	cv90	cv90	cv90	cv90	cv90	chtn (old:1057)	0=False 1=Chinantec-style	\  - /	Small capitals are not available as there is no uppercase equivalent	R
Bridging diacritics (U+0308 – used with "L" and "I", U+0311, U+0361 and U+035F – used with "O", "o", "U" and "u".)		brig (old:1052)	0=False  1=True	Naso: ÜL ÏI ÜI Konai: ÔU Ôu ôu <u>Ô</u> U <u>Ô</u> u <u>ô</u> u  OU Ou ou <u>O</u> U <u>O</u> u <u>o</u> u  Naso: LÏ Ïİ Üİ  Konai: OÛ Oû oû <u>O</u> Û <u>O</u> û <u>o</u> û  OÛ Oû oû <u>O</u> Û <u>O</u> û	Small capitals do not work properly	G											

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.); T=Only available through TypeTuner (<a href="http://scripts.sil.org/TypeTuner">http://scripts.sil.org/TypeTuner</a>) or TypeTuner Web (<a href="http://scripts.sil.org/ttw">http://scripts.sil.org/ttw</a>).

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example Example with Small Capitals	TypeTune	ner Notes
Cyrillic <sup>2</sup>						
Mongolian-style Cyrillic E (U+042D U+044D)	cv80	mone (old:1027)	0=False	Ээ	R	
			1=Mongolian-style	Ээ		
Combining breve Cyrillic form (U+0306)	cv82	sbrv (old:1028)	0=False	anything with ♂ (ðĕ) anything with ♂ (ðĕ)	R (no effe	ect if data is
			1=Cyrillic-style	anything with ˘ (ðĕ) anything with ˘ (ðĕ)		
Cyrillic shha alternate (U+04BB)	cv81	shha (old:1056)	0=False	hh hh	R	
			1=Uppercase style	hh hh		
Tone-related						
Tone numbers (U+02E5 U+02E6 U+02E7 U+02E8 U+02E9 U+A712	cv91	tone (old:1026)	0=Bars	Small capitals are not available as the uppercase equivalent	ere is no G	
U+A713 U+A714 U+A715 U+A716)			1=Numbers	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	cv92	tstv (old:1050)	0=False	Small capitals are not available as the uppercase equivalent	ere is no G	
U+A713 U+A714 U+A715 U+A716)			1=True	(^^)		
9-level pitches (U+F1F1 U+F1F2 U+F1F3 U+F1F4 U+F1F5 U+F1F6	-	pit9 (old:1062)	0=No tramlines	Small capitals are not available as the uppercase equivalent	ere is no G	
U+F1F7 U+F1F8 U+F1F9)			1=Tramlines	(\scales)		
			2=Non-ligated with no tramlines	()		
			3=Non-ligated with tramlines			

There are also Cyrillic characters affected by the "Capital Ezh alternates" and "Small capitals" features. Some languages may also use the "Modifier apostrophe alternates."

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Miscellaneous						
Literacy alternates (U+0061 U+00E0 U+00E1 U+00E2 U+00E3 U+00E4 U+00E5 U+0101 U+0103 U+0105 U+01CE U+01DF U+01E1 U+01FB U+0201 U+0203 U+0227 U+1E01 U+1E9A U+1EA1 U+1EA3 U+1EA5 U+1EA7 U+1EA9 U+1EAF U+1EAF U+1EAF U+1EB5 U+1EB7 U+1EB7 U+1EB7 U+1EB7 U+1EB7 U+1EB7 U+1EB7 U+1EB7 U+1EB7 U+011F U+011F U+0121 U+0123 U+01E7 U+01F5 U+01E5 U+1E21 U+A7A1)	ss01	litr (old:1032)	1=True (default)	Aa Àà Áá Ââ Ãã Ää Åå Āā Ăă Ąą Ăă Ää Āā Áá Äå Aa Aa a Aa A Aa Áá Áá Âà Âá Ãã Ậạ Áá Àà Àà Åå Ăã Ăặ Ma Gg Ĝĝ Ğğ Ġġ Ģģ Ğğ Gģ <del>Gg</del> Āg	AA ÀÀ ÁÁ ÂÂ ÃÃ ÄÄ ÅÅ ĀĀ ĂĂ ĄĄ ĂĂ ÄÄ ĀĀ ÁÁ ÄÄ ÂA ÀA AA Ả ẠA ẢẢ ẤẤ ÀÀ ẨẨ ÃÃ ẬẬ ẮẮ ÀÀ ẢẢ ÃĂ Ặ丼 盔ᄶ GG ĜĜ ĞĞ ĠĠ ĢĠ ĞĞ ĠĠ GG ŌG <del>GG</del>	R
			0=False		AA ÀÀ ÁÁ ÂÂ ÃÃ ÄÄ ÅÅ ĀĀ ĂĂ ĄĄ ĂĂ ĀĀ ĀĀ ÅÅ ÀÀ ÂA ÀA AA Ả ẠẠ ẢẢ ẤẤ ÀÀ ÂẨ ÃÃ ẬẬ ẮẮ ÀÀ ẢẢ ÃĂ ẶẶ Ạᄶ GG ĜĜ ĞĞ ĠĠ ĢĠ ĞĞ ĠĠ GG <del>GG</del>	
Barred-bowl forms (U+0111 U+0180 U+01E5)	ss04	bowl (old:1031)	0=False	Đđ Bb G <del>g</del>	ĐĐ BB GG	R
			1=Barred-bowl	Đ <del>d</del> B <del>b</del> G <del>g</del>	ĐĐ BB GG	
Non-European caron alternates (U+0164 U+0165 U+010E U+010F U+013D U+013E)	cv77	carn (old:1063)	0=European style	Ťť Ďď Ľľ	ŤŤ ĎĎ ĽĽ	R
			1=Non-European style	Ťť Ďď Ľľ	ŤŤ ĎĎ ĽĽ	-
Ogonek alternate (U+0328 U+0104 U+0105 U+0118 U+0119 U+012E U+012F U+0172 U+0173 U+01EA U+01EB U+01EC U+01ED)	cv76	ogon (old:1043)	0=Curved	anything with	anything with $\circ$ (AA EE II VV QO $\bar{Q}\bar{Q}$ )	R
			1=Straight	anything with ૄ (Ąą Ęę Įį Ųų Qọ Ō̄ō)	anything with ૄ (슈슈 투투 [I ŲŲ QQ ŌŌ)	

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes	
Capital B-hook alternate (U+0181)	cv13	B_hk (old:1064)	0=Uppercase style	В6	Вв	R	
			1=Lowercase style	Б6	ББ		
Capital D-hook alternate (U+018A)	cv13	D_hk	0=Uppercase style	Dď	<b>ፓ</b> ፓ	R	
			1=Lowercase style	ФФ	qq		
Rams horn alternates (U+0264)	cv25	ramh (old:1025)	0=Small bowl	γ	Small capitals are not available as there is no uppercase equivalent	R	
			1=Large bowl	σ	appoisable equivalent		
			2=Small gamma	γ			
Capital H-stroke alternate (U+0126)	cv28	Hstk (old:1038)	0=False	Ħħ	ĦĦ	R	
			1=Vertical-stroke	Hħ	Нн		
Small i-tail alternate (U+0069 U+00EC U+00ED U+00EE U+00EF U+0129	cv31	i_tl (old:1070)	0=Straight	iìíîïīĭĭĮıĭìjj́iiii	ıìíîïīĭŢĮĭnni oʻiĭĭįiţi		
U+012B U+012D U+012F U+0131 U+01D0 U+0209 U+020B U+0365 U+1D62 U+1E2C U+1E2D U+1E2F U+1EC9 U+1ECB U+2071)			1=Curved tail	iì(îïĩīĭįıĭïîò;iۣiįįíliִi	ıìíîïīĭŢıĭĥî <sup>i</sup> ţŢïíii	_	
Small j-serif alternate (U+006A U+0135 U+01F0 U+0237 U+0249 U+025F	cv34	jser (old:1071)	0=No top serif	jĵjj <del>j</del> ţi <sup>jţi</sup>	l ĵļl f f ľi ľí r	R	
U+029d U+02B2 U+1DA1 U+1DA8)				1=To	1=Top serif	jĵjj <del>j</del> jj <sup>j</sup> i	J Ĵ j J J j j j j i
J-stroke hook alternate (U+0284)	cv37	Jstk (old:1049)	0=No serif	f	Small capitals are not available as there is no uppercase equivalent	R	
			1=Top serif				
Small I-tail alternate (U+006C U+013A U+013C U+013E U+0140 U+0142	cv39	I_tl	0=Straight		$\Gamma$ $\Gamma$ $\Gamma$ $\Gamma$ $\Gamma$ $\Gamma$ $\Gamma$ $\Gamma$ $\Gamma$ $\Gamma$	R	
U+019A U+026B U+026C U+02E1 U+1D85 U+1DAA U+1E37 U+1E39 U+1E3B U+1E3D U+2C61)		(old:1072)	1=Curved tail	[ [   [	ſŢĊŖŖĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸĸ		

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Uppercase Eng alternates	cv43	Engs (old:1024)	0= Large eng with descender	ງ <sub>ງ</sub>	໗ŋ	R
			1=Large eng on baseline	ກ <sub>ງ</sub>	ממ	
			2=Capital N with tail	Ŋŋ	ŊŊ	
			3=Large eng with short stem	უე	ງກ	
Capital N-left-hook alternate (U+019D)	cv44	N_hk (old:1035)	0=Uppercase style	Ŋŋ	Nn	R
			1=Lowercase style	<b>ր</b> ր	໗ກ	
Open-O alternate (U+0186 U+0254 U+1D10 U+1D53 U+1D97)	cv46	opnO (old:1059)	0=Bottom serif	<b>၁၁</b> ၁ <sup>၁</sup> ၃	Jo o o o	R
			1=Top serif	Ͻͻ ͻ <sup>ͻ</sup> ၃	Co o o	
Small p-hook alternate (U+01A5)	cv49	p_hk (old:1040)	0=Left hook	<b></b> Ρβ	<b>P</b> P	R
			1=Right hook	Рр	<b>P</b> P	
Small q-tail alternate (U+0071 U+02A0)	cv51	q_tl: (old:1073)	0=Straight	Qq ɗ	QQ d	R
			1=Point	Qq ɗ	QQ đ	
Capital Q alternate (U+0051)	cv52	Qalt: (old:1076)	0=Tail	Qq	QQ	R
			1=Tail across	Qq	QQ	
Capital R-tail alternate (U+2C64)	cv55	R_tl (old:1039)	0=Uppercase style	Rr	RR	R
			1=Lowercase style	rc	rr	
Capital T-hook alternate (U+01AC)	cv57	t_hk (old:1037)	0=Left hook	тŧ	Тт	R
			1=Right hook	тŧ	Тт	

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Small t-tail alternate (U+0074 U+1D57 U+0165 U+1E97 U+1E6B U+0163 U+1E6D U+021B U+1E71 U+1E6F U+02AB U+1D7A U+02A6 U+02A7 U+0167 U+1D75 U+01AB U+1DB5	cv56	t_tl: (old:1074)	0=Curved tail	t t ť ť ť ť ť ţ ţ ţ t t th ts tf ŧ ŧ ţ t f q t t	T <sup>t</sup> Ť ቺ Ť Ţ Ṭ Ṭ Ṭ I tɕ th ts ʧ Ŧ ŧ ţ <sup>t</sup> T ⊥ <b>7</b> <sup>†</sup>	R
U+01AD U+0287 U+2C66 U+036D)			1=Straight	t † t′ ï i ţ ṭ ṭ ṭ ṯ tɕ th⁄h ts tʃ ‡ ‡ ţ † f ↓ † †	T † Ť Ï Ï Ţ Ṭ Ṭ Ṭ ृ to th ts t∫ Ŧ ‡ ţ	
V-hook alternates (U+01B2 U+028B U+1DB9)	cv62	v_hk: (old:1033)	0=Curved	Uυ <sup>υ</sup>	υυ <sup>υ</sup>	R
			1=Straight with low hook	νν	Vv°	
			2=Straight with high hook	Vv	٧v <sup>v</sup>	
Capital Y-hook alternate (U+01B3)	cv68	Y_hk (old:1034)	1=Right hook	Υŷ	ΥΥ	R
			0=Left hook	ΥΥ	ΥΥ	
Small y-tail alternate (U+0079 U+024F U+02B8 U+00FD U+1EF3 U+0177	cv67	y_tl: (old:1075)	0=Curved tail	y <del>y</del> <sup>y</sup> ý ỳ ŷ ÿ ÿ ÿ ÿ ÿ ỷ ỵ ∱ ʎ <sup>ʎ</sup> র্গ	Υ <sup>Υ</sup> <sup>Υ</sup> ΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥ	R
U+1E99 U+00FF U+1EF9 U+1E8F U+0233 U+1EF7 U+1EF5 U+01B4 U+028E U+F1CE U+F267)			1=Straight	y <del>y</del> <sup>y</sup> ý ỳ ŷ ÿ ÿ ÿ ÿ ÿ y y √ ʎ <sup>ʎ</sup> র⁄	ΥΥ <sup>γ</sup> ΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥ	
Small ezh-curl alternate (U+0293)	cv19	ezhc (old:1036)	0=Small bowl	3	Small capitals are not available as there is no uppercase equivalent	R
			1=Large bowl	3		
Capital Ezh alternates (U+01B7 U+04E0)	cv20	Ezhr (old:1042)	0=Normal	33 33	33 33	R
			1=Reversed sigma	33 33	33 33	
OU alternates (U+0222 U+0223 U+1D3D U+1D15)	cv47	opOU (old:1045)	0=Closed	8888	888 <sup>8</sup>	R
			1=Open	888 <sup>8</sup>	888 <sup>8</sup>	
Modifier apostrophe alternates (U+02BC U+A78B U=A78C)	cv70	apos (old:1044)	0=Small	'11	Small capitals are not available	R
· · · · · · · · · · · · · · · · · · ·			1=Large	'11		

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Modifier colon alternate (U+A789)	cv71	coln (old:1047)	0=Tight	:	Small capitals are not available as there is no uppercase equivalent	R
			0=Wide	:	apportuso oquituioni	
Empty set alternates (U+2205)	cv98	empt (old:1046)	0=Circle	Ø	Small capitals are not available as there is no uppercase equivalent	R
			1=Zero	Ø		
Show invisible characters (U+00AD U+034F U+200B U+200C U+200D U+200E	ss06	invs (old:1030)	0=False		Small capitals are not available as there is no uppercase equivalent	R
U+200F U+202A U+202B U+202C U+202D U+202E U+2060 U+2061 U+2062 U+2063 U+FE00 U+FE01 U+FE02 U+FE03 U+FE04 U+FE05 U+FE06 U+FE07 U+FE08 U+FE09 U+FE0A U+FE0B U+FE0C U+FE0D U+FE0E U+FE0F U+FEFF)			1=True	CGJ     ZW     ZW     LRM     RLM     LRE     RLE     PDF     LRO     F()     RLO       VS     SSP		
Small Caps	smcp, c2sc	smcp (old:1058)		abcdefghijklmnopqrstuv wxyzàáâããåæçèéêëìíîïðñ òóôõöøùúûüýþÿāăąćĉċčď đēĕėęěĝğġġĥħĩīĭįıijĵķĺļľŀ łńņňŋōŏőœŕŗřśŝşšţťŧũūŭ ůűųŵŷźżžbbbcdfhvkłŋơŋ bzfưyzzspDždžLjljNjnjăĭŏù üüüäaäáægškoōžDzdzġ'nå æøäâëêìîòôřrüûşţ3h8zaę öðoōy¢ræjqryeabɔɗəɛgɣi ıłшmnnerr∫tyvnzpabbbç dddddèeeeĕfghhhhhhiiíkkk !!!!mmmnnnöööóóppřrrrrs ssśśitttuuuũüÿvwwwwx xy2zzaáâââââââaääääääeeeeê èéeeijoóóôôôôóóòooovwwx xy2zzaáâââââââaääääääeeeee èéeeijoóôôôôôooooooooooooooooooooooooooooooo	NJ NJ Ř Ť Č Č Ž Č Ž Č Ž Ž Ž Ž Ž Ž Ž Ž Š Š Č Š Č Š	

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
					6 % £ # / H K 4 W \$ 2 F 3 ° H B 8 4 4 AA AO AJ AV AV 3 Y K K K L L O O O P P P Q Q ? 2 V W \$ b P	
Numbers						
Digit Zero with slash (U+0030 U+2070 U+2080)	cv10	dig0 (old:1065)	0=No slash	000	Small capitals are not available as there is no uppercase equivalent	R
			1=Slash	000		
Digit One without base (U+0031 U+00B9 U+2081)	cv01	dig1 (old:1066)	0=Base	1 1 1	Small capitals are not available as there is no uppercase equivalent	R
			1=No base	1 1 1		
Digit Four with open top (U+0034 U+2074 U+2084)	cv04	dig4 (old:1067)	0=Closed	4 4 4	Small capitals are not available as there is no uppercase equivalent	R
			1=Open	4 4 4	1	
Digit Six and Nine alternates (U+0036 U+0039 U+2076 U+2079 U+2086 U+2089)	cv06	dg69 (old:1068)	0=Curved stem	69 <sup>69</sup> 69	Small capitals are not available as there is no uppercase equivalent	R
			1=Diagonal stem	69 <sup>69</sup> 69	1	

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Digit Seven with bar (U+0037 U+2077 U+2087)		dig7 (old:1069)	0=No bar	7 7 7	Small capitals are not available as there is no uppercase equivalent	R
			1=Bar	7 7 7		
Other Features						
Line spacing			Normal Tight Loose	Allows for adjustment of the default line spacing in the font.		Т