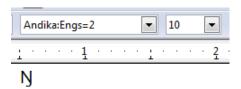
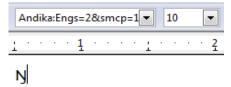
Font Features for Andika

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+ (http://www.libreoffice.org/download/) or OpenOffice 3.2+ (http://www.openoffice.org/download/) 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 (https://www.mozilla.org/firefox) 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: http://scripts.sil.org/TypeTuner and web-based version: http://scripts.sil.org/TypeTuner and web-based version: http://scripts.sil.org/ttw and web-based version: 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 ¹									
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+1EBF U+1EB5 U+1EB7 U+1EC5 U+1EC3 U+1EC3 U+1EC3 U+1EC3 U+1EC3 U+1EC3 U+1EC3 U+1ED3 U+1ED3 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 ẢẢ ÃÃ ÁÁ ÀÀ ẢẢ 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										
Chinantec tones (U+02CB U+02CB U+02C9 U+02CA)	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 (http://scripts.sil.org/TypeTuner) or TypeTuner Web (http://scripts.sil.org/ttw).

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example Example with Small Capitals	TypeTuner Notes
Cyrillic ²					
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 effect if data is NFC)
Cyrillic shha altarnata			1=Cyrillic-style	anything with ˇ (ðĕ) anything with ˇ (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 there is no uppercase equivalent	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 there is no uppercase equivalent	G
U+A713 U+A714 U+A715 U+A716)			1=True	(\lambda \lambda)	
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 there is no uppercase equivalent	G
U+F1F7 U+F1F8 U+F1F9)			1=Tramlines	(\scales)	
			2=Non-ligated with no tramlines	()	
			3=Non-ligated with tramlines	(
I					

² 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+1EAB U+1EAD U+1EAF U+1EB1 U+1EB3 U+1EB3 U+1EB5 U+1EB7 U+2C65 U+2090 U+1D43 U+0363 U+0067 U+011D U+011F U+0121 U+0123 U+01E7 U+01F5 U+01E5 U+1E21 U+A7A1 U+1D4D)	ss01	litr (old:1032)	1=True (default)	Aa Àà Áá Ââ Ãã Ää Åå Āā Ăă Ąą Ăă Ää Āā Áấ Äå Aa Aa a Aa A Aa Á Áấ Ââ Âẩ Ãã Ậậ Áắ Àà Åἄ Åã Ăã Ḥặ ⋪ø a a G Gg Ĝĝ Ğğ Ġġ Ģģ Ğǧ Ġģ Gæ Ōō ææ 9		R
			0=False	Aa Àà Áá Ââ Ãã Ää Åå Āā Ăă Ąą Ăǎ Ää Āā Āā Åå Åå Ââ Àa Aa a A Aa Å Áá Ââ Ââ Ââ Ââ Ãã Ãã Ãã Ãã Ág Ãã a a d Gg Ĝg Ğg Ğg Ğg Ģg Ğg Ğg Ğg Gg		
Barred-bowl forms (U+0111 U+0180 U+01E5)	ss04	bowl (old:1031)	0=False	Đđ Bb G g	ĐĐ BB GG	R
			1=Barred-bowl	Đ d B b G g	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	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 QQ $\bar{Q}\bar{Q}$)	R
			1=Straight	anything with ୄ (Ąą Ęę Įį Ųų Qọ Ō̄ō)	anything with ${}^{\circ}$ (AA EE II VV QQ ${ar Q}{ar Q}$)	

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	ී ጉ	R
			1=Lowercase style	Б6	ББ	-
Capital D-hook alternate (U+018A)	cv13	D_hk	0=Uppercase style	Dď	<mark></mark> ፓካ	R
			1=Lowercase style	dd	वृष	
Rams horn alternates (U+0264)	cv25	ramh (old:1025)	0=Small bowl	8	Small capitals are not available as there is no uppercase equivalent	R
			1=Large bowl	δ	uppercase equivalent	
			2=Small gamma	γ		
Capital H-stroke alternate (U+0126)	cv28	Hstk (old:1038)	0=False	Ħħ	ĦĦ	R
			1=Vertical-stroke	Нħ	Нн	
Small i-tail alternate (U+0069 U+00EC U+00ED U+00EE U+00EF U+0129 U+012B U+012D U+012F U+0131 U+01D0 U+0209 U+020B U+0365 U+1D62 U+1E2C U+1E2D U+1E2F	cv31	i_tl (old:1070)	0=Straight	iìíîïīĭjıĭïî¦ijififfi	IÌÍÎÏĨĪĬĮIĬÌÎĠ¡ĮĮÏĠĮ¹ FIFFI	R
U+1EC9 U+1ECB U+2071)			1=Curved tail	iìíîïīīĭįıĭïîò¦ijjïli¦ififfi	IÌÍÎÏĨĬĮIĬĬÎĠţĮĬĠţ FIFFI	
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 j ţi ^{jţi}	l Ĵ Ĵ J t t į į t t l Č Ĉ L	R
U+029d U+02B2 U+1DA1 U+1DA8)			1=Top serif	jĵjj j ji ^{jji}	J Ĵ j j f j j j i j i	
J-stroke hook alternate	cv37	Jstk (old:1049)	0=No serif	f	Small capitals are not available as there is no uppercase equivalent	R
			1=Top serif	f	appoi ou so oquivaioni	
Small I-tail alternate (U+006C U+013A U+013C U+013E U+0140 U+0142	cv39	I_tl	0=Straight	[Γ Γ Γ Γ Γ Γ Γ Γ Γ Γ	R
U+019A U+026B U+026C U+02E1 U+1D85 U+1DAA U+1E37 U+1E39 U+1E3B U+1E3D U+2C61 U+A749 U+2097)		(old:1072)	1=Curved tail	lĺļľŀłłłłllllltt	LĹĻĹĿŁŁŁŁ ^l ļ ^ļ ĻĻĿ <u>L</u> Lķŧtı	

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 _ງ	ງ ŋ	R
			1=Large eng on baseline	ກ _ງ	๓๓	
			2=Capital N with tail	Ŋŋ	ŊŊ	
			3=Large eng with short stem	უ _ე	ງນ	
Capital N-left-hook alternate (U+019D)	cv44	N_hk (old:1035)	0=Uppercase style	Ŋŋ	NN	R
			1=Lowercase style	໗ກ	<mark></mark> றր	
Open-O alternate (U+0186 U+0254 U+1D10 U+1D53 U+1D97)	cv46	opnO (old:1059)	0=Bottom serif	၁၁ ၁ ^၁ ၃	35 5 5 C C C	R
			1=Top serif	၁၁ ၁ ^၁ ၃	OO ο ο ρ	
Small p-hook alternate (U+01A5)	cv49	p_hk (old:1040)	0=Left hook	 Ρβ	P P	R
			1=Right hook	Рβ	P P	
Small q-tail alternate (U+0071 U+A757 U+A759 U+02A0)	cv51	q_tl: (old:1073)	0=Straight	Qq Qq Q,q	QQ QQ QQ d	R
			1=Point	Qq Qq Qq q	QQ QQ QQ q	
Capital Q alternate (U+0051 U+A756 U+A758)	cv52	Qalt: (old:1076)	0=Tail	Qq Qq Qq	QQ QQ QQ	R
			1=Tail across	Qq Qq Qq	QQ QQ Q,Q	
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	Тť	Тт	R
			1=Right hook	Τŧ	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+209C U+0165 U+1E97 U+1E6B U+0163 U+1E6D U+021B U+1E71 U+1E6F U+02A8 U+1D7A U+02A6 U+02A7 U+0167 U+1D75 U+01AB U+1DB5 U+01AD U+0287 U+2C66 U+036D)	cv56	t_tl: (old:1074)	0=Curved tail	t ^t t ^t tttttttttttt	T ^t _t Ť ť † Ţ Ţ Ţ Ţ ţ ţ th ts ʧ Ŧ ŧ ţ ^t T ⊥ 7 [†]	R
			1=Straight	t [†] _† t' [†] † † † † † † † to th ts t\ [†] * † [†] † † † †	T [†] , Ť Ï İ Ţ Ṭ Ṭ Ṭ I to th ts tʃ Ŧ キ j [†] T L ス [†]	
V-hook alternates (U+01B2 U+028B U+1DB9)	cv62	v_hk: (old:1033)	0=Curved	υυ ^υ	บบ ^บ	R
			1=Straight with low hook	νν	Vv°	
			2=Straight with high hook	Vv	Vv ^ν	
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 y ^y ý ỳ ŷ ÿ ÿ ÿ ÿ ÿ y ƴ ʎ ^ রূ	Υ Υ ^y ΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥ	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 y ^y ý ỳ ŷ ÿ ÿ ÿ ÿ ÿ y ƴ ʎ ^ʎ র⁄	Υ Υ ^γ ΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥΥ	
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	ΣΣ ΣΣ	
OU alternates (U+0222 U+0223 U+1D3D U+1D15)	cv47	opOU (old:1045)	0=Closed	8888	888 ⁸	R
			1=Open	888 ⁸	8888	
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=Expanded	:	apportuo oquiruioni	
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 NJ ZW LRM RLM LRE RLE PDF LRO F(I) RLO VS NJ VS NJ		
Small Caps	smcp, c2sc	smcp (old:1058)		abcdefghijklmnopqrstuv wxyzàáâããåæçèéêëìíîïðñ òóôõöøùúûüýþÿāăąćĉċčď đēĕėęěĝğġġĥħĩīĭįıijĵķĺļľŀ łńņňŋōŏőœŕŗřśŝşšţťŧũūŭ ůűųŵŷźżžbbbcdfhvkłŋơŋ bzfưyzzspDždžLjljNjnjǎĭŏù üüüäaäáægškoōžDzdzġ'nå æøäâëêìîòôřrüûşţ3h8zaę öðoōy¢ræjqryeabɔɗəɛgɣi ıłшmnnerr∫tyvnzpabbbç dddddèeeeĕfghhhhhhiiíkkk !!!lmmmnnnöööóóppřrrrrs 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
					4	
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		
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 ⁶⁹ 69	Small capitals are not available as there is no uppercase equivalent	R
			1=Diagonal stem	69 ⁶⁹ 69		

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