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 3.2¹ 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 TypeTuner² 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 ³
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 1ED7)	1029	0=False	ấấ Àà Ẩả Ãã Áá Àà Àà Ăả Ãã ÉÉ ÈÈ ÉE ÉE ŐÓ ÒÒ ÓÓ Õõ	ÁÁ ÀÀ ÁÁ ÃÃ ÁÁ ÀÀ ÅÀ ÃÃ ÉÉ ÈÈ ÉÉ ĒĒ ÓÓ ÒÒ ỔỔ ÕÕ	R, O
		1=True	Á Á Á Á Á Á Á Á Á Ä Ä Ä Ä Ä Ä E	ÃÃ ÀÀ ẨÃ ÃÃ ẮẮ ÅĂ ÅÅ ÃÃ ÉÉ ÈÈ ÉÉ ĒĒ ŐŐ ÖÖ ŐŐ ÕÕ	

http://scripts.sil.org/OOo 20 graphite

http://scripts.sil.org/TypeTuner

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	Şş Ţţ Şş ŢŢ	R, O
		1=True	Şş Ţţ ŞŞ ŢŢ	
Chinantec tones (U+02CB U+02CB 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 "I", U+0311, U+0361 and U+035F – used with "O", "o", "U" and "u".)	1052	0=False	Naso: ÜL ÏI ÜI Konai: ÔU Ôu ôu ÔU Ôu ôu OU Ou ou OU Ou ou	G
		1=True	Naso: LÏ IÏ LÏ Konai: OÛ Oû oû QÛ Qû oû OÛ Oû oû QÛ <u>O</u> û oû	
Cyrillic⁴				
Mongolian-style Cyrillic E (U+042D U+044D)	1027	0=False	Ээ	R
		1=True	Ээ	
Combining breve Cyrillic form (U+0306)	1028	0=False	anything with ♂ (ðð) anything with ♂ (ðð)	R (no effect if data NFC)
		1=True	anything with ˘ (ðĕ) anything with ˘ (ðĕ)	

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 ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Cyrillic shha alternate (U+04BB)	1056	0=False	hh	hh	R
		1=True	hn	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	144171441	Small capitals are not available as there is no uppercase equivalent	G
U+A/13 U+A/14 U+A/15 U+A/16)		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	1144J[FFFL (/\/\/)	Small capitals are not available as there is no uppercase equivalent	G
U+A/13 U+A/14 U+A/15 U+A/16)		1=True	11111[FFFF(\lambda \wedge)		
9-level pitches (U+F1F1 U+F1F2 U+F1F3 U+F1F4 U+F1F5 U+F1F6 U+F1F7 U+F1F8 U+F1F9)	1062	0=Ligated	(>\!	Small capitals are not available as there is no uppercase equivalent	G
		1=Show tramlines	(\scales)		
		2=Non-ligated	()		
		3=Show tramlines, non-ligated	(

Feature Name	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+1EB5 U+1EB7 U+2C65 U+0067 U+011D U+011F U+0121 U+0123 U+01E7 U+01F5 U+01E5 U+1E21)	1032	1=True	Aa Àà Áá Ââ Ãã Ää Åå Āā Ăă Ąą Ăă Āā Āā Áắ Àà Ââ Àa Aa Aa Aa Áá Ấâ Àà Ẩã Ãã Ậạ Áắ Àà Ăả Ãã Ăặ Ħø Gg Ĝĝ Ğğ Ġġ Ģġ Ğğ Ġġ G g Ōg	AA ÀÀ ÁÁ ÂÂ ÃÃ ÄÄ ÅÅ ĀĀ	R
		0=False	Aa Àà Áá Ââ Ãã Ää Åå Āā Ăă Ąą Ăă Āā Āā Áắ Àà Ââ Àà Aa Aa Aa Áá Áấ Àà Âã Ãã Âậ Áắ Àà Ăă Ăă Ăặ Aa Gg Ĝĝ Ğğ Ġġ Ģġ Ğğ Gg Gg	AA ÀÀ ÁÁ ÂÂ ÃÃ ÄÄ ÅÅ ĀĀ ĂĂ ĄĄ ĂĂ ĀĀ ĀĀ ÁÁ ÀÀ ÂÂ ÀÀ AA À AA Å ÁÁ ÀÀ ÂÅ ÂÅ ÂÃ ÂÃ ÂÃ ÅĞ ĞĞ ĞĞ ĞĞ ĞĞ GĞ ĞĞ ĞĞ ÇĞ ĞĞ ĞĞ GĞ GĞ	
Barred-bowl forms (U+0111 U+0180 U+01E5)	1031	0=False	Đđ Bb G g	ĐĐ BB GG	R
		1=True	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)	1063	0=False	Ťť Ďď Ľľ	ŤŤ ĎĎ ĽĽ	R
		1=True	Ťť Ďď ĽĬ	ŤŤ ĎĎ ĽĽ	

Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
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)	1043	0=Curved	anything with ୃ (Ąą Ęę Įį Ųų Qǫ Ō̄ō)	anything with ${}_{\!$	R
		1=Straight	anything with ૄ (Ąą Ęę Įį Ųų Qọ Ōౖō)	anything with ${}_{\!$	
Capital B-hook alternate	1064	0=False	B 6	Вв	R
		1=True	Б6	ББ	
Rams horn alternates (U+0264)	1025	0=Small bowl	x	Small capitals are not available as there is no uppercase equivalent	R
		1=Large bowl	σ		
		2=Small gamma	X		
Capital H-stroke alternate U+0126)	1038	0=Horizontal stroke	Ħħ	ĦĦ	R
		1=Vertical stroke	Hh	Нн	
Small i-tail alternate (U+0069 U+00EC U+00ED U+00EE U+00EF U+0129 U+0128 U+012D U+012F U+0131 U+01D0 U+0209 U+020B U+0365 U+1D62 U+1E2C U+1E2D U+1E2F	1070	0=straight	iìíîïīĭĭįıĭïi	IÌÍÎÏĪĬĮIĬÏΦ ĮĮÏÏĮï	R
U+1EC9 U+1ECB U+2071)		1=curved tail	iìíîïĩĭĭįıĭïî [;] iįįį́iiiִi	IÌÍÎÏĪĬĮIĬÏΡ ĮĮÏÏĮ	
Small j-serif alternate (U+006A U+0135 U+01F0 U+0237 U+0249 U+025F U+029d U+02B2 U+1DA1 U+1DA8)	1071	0=no top serif	jĵĵjţţiţiţi	l ĵįļtţi ^{i i}	R
U+U290 U+U262 U+1DAT U+1DA6)		1=top serif	jĵjjjj ^j i	ЛĴĴJŦŦĴi ^{jŦi}	

Feature Name	Feature ID	Feature Setting	Example Example with Small Capitals	TypeTuner Notes
J stroke hook alternate (U+0284)	1049	0=No serif	Small capitals are not available as there is no uppercase equivalent	R
		1=Top serif	T T T T T T T T T T T T T T T T T T T	
Small I-tail alternate (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	\[\left[\left[\left] \right] \right	R
		1=curved tail	[[[, [, { f f f f f]] [, [, [, f f f f f f f f f f f f f f f	
Uppercase Eng alternates (U+014A)	1024	0= Large eng with descender	ງາງ	R
		1=Large eng on baseline	ກາ	
		2=Capital N with tail	אַע	
		3=Large eng with short stem	ממ	
Capital N-left-hook alternate (U+019D)	1035	0=Uppercase style	Nn	R
		1=Lowercase style	nn	
Open o alternate (U+0186 U+0254 U+1D10 U+1D53 U+1D97)	1059	0=Bottom serif	Ου ο ° ρ	R
		1=Top serif	Ου ο ° ρ	
Small p-hook alternate (U+01A5)	1040	0=Left hook	Ρρ	R
		1=Right hook	Рр	

Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Small q-tail alternate (U+0071 U+02A0)	1073	0=straight	Qq ɗ	QQ ɗ	R
		1=point	Qq q	QQ ɗ	
Capital Q alternate (U+0051)	1076	0=tail	Qq	QQ	R
		1=tail across	Qq	QQ	
Capital R-tail alternate (U+2C64)	1039	0=Uppercase style	Rr	RR	R
		1=Lowercase style	rc	cr	
Capital T-hook alternate (U+01AC)	1037	0=Left hook	Τf	Тт	R
		1=Right hook	Tf	Тт	
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+02A8 U+1D7A U+02A6 U+02A7 U+0167 U+1D75 U+01AB U+1DB5	1074	0=curved tail	t ^t ťťťţţţţtathtstʃŧŧţ ^t fąţ ^t	T ^t ŤťŤŢŢŢŢŢţ¢tħ tsʧŦŧţ ^ţ ŢţŶ [†]	R
U+01AD U+0287 U+2C66 U+036D)		1=Straight	t [†] t [†] † † † † † † t t t t t t t t t t t t t	T [†] Ť Ť Ť Ţ Ṭ Ṭ Ђ th ts ʧ Ŧ ‡ ƒ [†] T ↓ 🏌 [†]	
V-hook alternates (U+01B2 U+028B)	1033	0=Curved	υυ	טט	R
		1=Straight left	νν	VV	
		2=Straight left high hook	Vν	νν	
Capital Y-hook alternate	1034	1=Right hook	ΥΥ	YY	R
		0=Left hook	ΥΥ	ΥΥ	

Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Small y-tail alternate (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	y y ^y ý ỳ ŷ ÿ ÿ ÿ ÿ y y x x ^x x	Y Y ^y Ý Ŷ Ŷ ŷ Ÿ Ÿ Ÿ Ÿ Ŷ Ŷ Y ʎ [^] ૠ	R
		1=straight	y y ^y ý ỳ ŷ ÿ ÿ ÿ ÿ y y x x ^x %	Y Y ^y ÝŶŶŶŸŸŸŸŶŶ YK [^] %	
Small ezh-curl alternate (U+0293)	1036	0=Small bowl		Small capitals are not available as there is no uppercase equivalent	
		1=Large bowl	3		
Capital Ezh alternates (U+01B7 U+04E0)	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)	1045	0=Closed	8888	888 ⁸	R
		1=Open	8888	888 ⁸	
Modifier apostrophe alternates (U+02BC U+A78B U=A78C)	1044	0=Small	, II	Small capitals are not available	R
		1=Large	, 11		
Modifier colon alternate (U+A789)	1047	0=Tight		Small capitals are not available as here is no uppercase equivalent	R
		0=Wide		**	
Empty set alternates (U+2205)	1046	0=Circle		Small capitals are not available as here is no uppercase equivalent	R
		1=Zero	Ø		

Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Show invisible characters (U+00AD U+034F U+200B U+200C U+200D U+200E U+200F U+202A U+202B U+202C U+202D U+202E	1030	0=False		Small capitals are not available as there is no uppercase equivalent	R
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] [VS] [VS] </td <td></td> <td></td>		
Diacritic selection	1051	0=False 1=True	Allows independent selection of diacritics (rather than the base plus diacritics)	tic).	G
Small Caps	1058	0=False 1=True	abcdefghijklmnopq rstuvwxyzàáâãäåæçè éêëìíîïðñòóôõöøùúû üýþÿāăąćĉċčďđēĕėęě ĝġġħħĩĭijijĵķĺļľŀł ń'nňŋōŏőœŕŗřśŝşšţť ŧũūŭůűųŵŷźżžħħbcd fwkłnơơβεtưуzξър DždžLjljNjnjǎĭòùüüüü aāæġškoōžDzdzġňå æøããæġškoōžDzdzġňå æøããæġškoōžPzdzġňå 8zaęöōòòūg¢ræjqryv abɔdəɛgɣilłшmnperĸ ∫tнυυ∧ҳъabbbçdddd dēéeeĕffāħħħħħiikkk [!! mmmnnnnnnöööòóóp rrfrssssssttttuuuúü vywwwwxxý²zzaåâ àããáàáăăăaeeeeeeeeee ijoòôòôôôóóóóóovouúứ ừửữууууутбу‡акħkҳ W + htse44æækou¹ aбвгдежзийклмнопр стуфхцчшщъыьэюяè ëħŕesiïjъњħкѝўџѣө	ABCDEFGHIJKL MNOPQRSTUVW XYZÀÁÁÃÃÄÅÆÇÈ ÉÊËÌÍÎÏÖÑÒÓÕÖÖÖÖÖÖÖÖÖÖÖÖÖÖ CĈĊČĎÐĒĔĖĘĚĞ ĞĠĠĤĦĨĪĬĮIIJĴĶ ĹĻĹĿŁŃŅŇŊŌŎŐ CŒŔŖŘŚŜŞŠŢŤŦŨ ŪŬŰŰŲŴŶŹŻŽBБ LŁUMŅNŶŹŻŽBБ LLLINJŅĂĂĞĞŘÇŎŢU LJNJŅĂĂĞĞŘÇŎĞÖÖÖÖÖÖÖÖÖÖÖÖÖÖÖÖÖÖÖÖÖÖÖÖÖÖÖÖÖÖÖÖÖÖ	R

Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
			ѵҋҌҏҐӻҕҗҙқҝҟҡӊҥҧҩ ҫҭүұҳҵҷҹһҽҿӂӄӆӈӊ ӌӎӀӑӓӕӗәӛӝӟӡӣӥӧѳӫ ӭӯӱӳӵӷӹӻӽӿd҆҇҆҇҆҇҆ӓ҆҇҆҇ѷҕѷӳӵӷӹӻӽӿd҄ѽ҆҇҅҇҅ѷҕҧ ҕҡ҄ѕӆӽҏҿ҇ҁѡҝҧҧ	 ₩ ₩ X X Y 2, Z Z A Å Â Â Â Â Â Â Ă Ă Ă Ă Ă E Ē Ē Ê Ê Ê Ê Ê Î I O O Ô Ô Ô Ô Ô Ô Ô Ở Ở Ở Ở Ở Ų Ủ Ủ Ủ Ủ Ủ Ủ Ủ Ủ Ủ Ủ Ủ Ủ Ủ Ủ	
Show deprecated PUA	1077	0=None 1=Through Unicode 4.0	[] [~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	Z 、 「	R

Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
			ӽӡаqeҳҙ҇҇аіҏҷ҃҃҅ҽ҆ѽ҅҅фѣуΎε҈ӌѢӓ҄ӿ҄ѭӿҏӿ ӻ҄ѕŧѯ҈ӻ҈҅҈҅҅҅ӿ҄ҁӈӍҎ҄҄҅҅҅ѡ҄Ѵӈ҅҅҄Ӈ҅҅҅ҚҳҲ'ӶӷӅӆӼӽ Ӿӿᢄε		
		2=Through Unicode 4.1		ҳҳ шӷ Ӆӆ ӽӽ Ӿӿ εε	
		3=Through Unicode 5.0		₡₺₺₱QQRRWW''? ₭₢₭₽¥¥¥₺₺₭₭ ₵₽₣₽₰₰₡Ӽ₭₭₿₺	
		4=Through Unicode 5.1		EE HE YN E 4 H JE KK	

Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Numbers					
Digit Zero with slash (U+0030 U+2070 U+2080)	1065	0=no slash	0 0 0	Small capitals are not available as there is no uppercase equivalent	R
		1=slash	0 %		
Digit One without base (U+0031 U+00B9 U+2081)	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)	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)	1068	0=curved stem	6 9 ^{6 9} _{6 9}	Small capitals are not available as there is no uppercase equivalent	R
		1=diagonal stem	69 ⁶⁹ 69		
Digit Seven with bar (U+0037 U+2077 U+2087)	1069	0=no bar	7 7 7	Small capitals are not available as there is no uppercase equivalent	R
		1=bar	7 7 7		