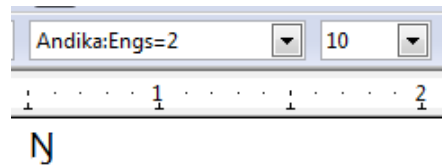
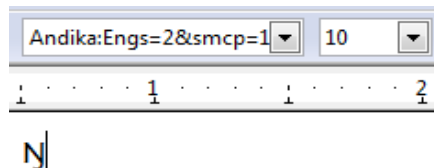


Font Features for Andika

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/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:

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+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	Áá Àà Ăă Ãã Ấấ Ẫẫ Ằằ Ẵẵ Ếế Ềề Ểể Ễễ Ốố Ồồ Ổổ Ỗỗ	ÁÁ ÀÀ ĂĂ ÃÃ ẤẤ Ẫẫ Ằằ Ẵẵ ẾẾ ỀỀ Ểể Ễễ ỒỒ Ổổ Ỗỗ	R, O
			1=Vietnamese-style	Ấấ Àà Ăă Ãã Ấấ Ẫẫ Ằằ Ẵẵ Ếế Ềề Ểể Ễễ Ốố Ồồ Ổổ Ỗỗ	ẤẤ ÀÀ ĂĂ ÃÃ ẤẤ Ẫẫ Ằằ Ẵẵ ẾẾ ỀỀ Ểể Ễễ ỒỒ Ổổ Ỗỗ	
Serbian-style alternates (U+0431 U+0433 U+0434 U+043F U+0442) Primarily intended for italic use	locl (accessed through Serbian language)	serb	0=False	Бб Гг Дд Пп Тт	ББ ГГ ДД ПП ТТ	R
			1=True	Бѣ Гѣ Дѣ Пѣ Тѣ	ББ ГГ ДД ПП ТТ	
Chinantec tones (U+02CB U+02C8 U+02C9 U+02CA)	cv90	chtn (old:1057)	0=False	˘ ˙ ˉ ˊ	Small capitals are not available as there is no uppercase equivalent	R
			1=Chinantec-style	˘ ˙ ˉ ˊ		
Bridging diacritics (U+0308 – used with “L” and “l”, U+0311, U+0361 and U+035F – used with “O”, “o”, “U” and “u”.)	-	brig (old:1052)	0=False	Naso: L̈L̈ İ̈ İ̈ L̈ Konai: Ô̈Ü Ô̈ü ô̈ü Ô̈Ü Ô̈ü ô̈ü Ô̈Ü Ô̈ü ô̈ü Ô̈Ü Ô̈ü ô̈ü	Small capitals do not work properly	G
			1=True	Naso: L̈L̈ İ̈ İ̈ L̈ Konai: Ô̈Ü Ô̈ü ô̈ü Ô̈Ü Ô̈ü ô̈ü Ô̈Ü Ô̈ü ô̈ü Ô̈Ü Ô̈ü ô̈ü		

¹ **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
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 U+A7A1)	ss01	litr (old:1032)	1=True (default)	Aa Àà Áá Ââ Ãã Ää Åå Āā Ăă Ȧȧ Ǻǻ Ăă Āā Áá Àà Ââ Ææ Ȧȧ Ǻǻ Áá Àà Ăă Āā Ȧȧ Áá Àà Ǻǻ Ǻǻ Ȧȧ Ȧȧ Gg Gg Ğğ Ğğ Ğğ Ğğ Ğğ Gğ Ğğ Ğğ	AA ÀÀ ÁÁ ÂÂ ÃÃ ÄÄ ÅÅ ĀĀ ĂĂ ȦȦ ǺǺ ĂĂ ĀĀ ĀĀ ĀĀ ÁÁ ÀÀ ÂÂ ÆÆ ȦȦ ȦȦ ȦȦ ȦȦ ÁÁ ÁÁ ÀÀ ǺǺ ǺǺ ȦȦ ȦȦ ÀÀ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ GG GG ĞĞ ĞĞ ĞĞ ĞĞ ĞĞ GG ĞĞ ĞĞ	R
			0=False	Aa Àà Áá Ââ Ãã Ää Åå Āā Ăă Ȧȧ Ǻǻ Ăă Āā Áá Àà Ââ Ææ Ȧȧ Ǻǻ Áá Àà Ăă Āā Ȧȧ Áá Àà Ǻǻ Ǻǻ Ȧȧ Ȧȧ Gg Gg Ğğ Ğğ Ğğ Ğğ Ğğ Gğ Ğğ Ğğ	AA ÀÀ ÁÁ ÂÂ ÃÃ ÄÄ ÅÅ ĀĀ ĂĂ ȦȦ ǺǺ ȦȦ ȦȦ ĀĀ ĀĀ ÁÁ ÀÀ ÂÂ ÆÆ ȦȦ ȦȦ ȦȦ ȦȦ ÁÁ ÁÁ ÀÀ ȦȦ ȦȦ ȦȦ ȦȦ ÀÀ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ GG GG ĞĞ ĞĞ ĞĞ ĞĞ ĞĞ GG ĞĞ ĞĞ	
Barred-bowl forms (U+0111 U+0180 U+01E5)	ss04	bowl (old:1031)	0=False	Đđ Bb Gg	ĐĐ BB GG	R
			1=Barred-bowl	Đđ Bb Gg	ĐĐ BB GG	
Non-European caron alternates (U+0164 U+0165 U+010E U+010F U+013D U+013E)	cv77	cam (old:1063)	0=European style	řř Ďď Ľľ	ŘŘ ĎĎ ĽĽ	R
			1=Non-European style	řř Ďď Ľľ	ŘŘ 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 ˙ (Ȧȧ Ȧȧ Ĭİ Ȧȧ Ȧȧ Ȧȧ)	anything with ˙ (Ȧȧ Ȧȧ Ĭİ Ȧȧ Ȧȧ Ȧȧ)	R
			1=Straight	anything with ˙ (Ȧȧ Ȧȧ Ĭİ Ȧȧ Ȧȧ Ȧȧ)	anything with ˙ (Ȧȧ Ȧȧ Ĭİ Ȧȧ Ȧȧ Ȧȧ)	

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Uppercase Eng alternates (U+014A)	cv43	Engs (old:1024)	0= Large eng with descender	Ŋŋ	Ŋŋ	R
			1=Large eng on baseline	ᲞᲟ	ᲞᲟ	
			2=Capital N with tail	ᲚᲛ	ᲚᲛ	
			3=Large eng with short stem	ᲞᲟ	ᲞᲟ	
Capital N-left-hook alternate (U+019D)	cv44	N_hk (old:1035)	0=Uppercase style	ᲚᲛ	ᲚᲛ	R
			1=Lowercase style	ᲚᲛ	ᲚᲛ	
Open-O alternate (U+0186 U+0254 U+1D10 U+1D53 U+1D97)	cv46	opnO (old:1059)	0=Bottom serif	Ა Ბ Გ Დ	Ა Ბ Გ Დ	R
			1=Top serif	Ა Ბ Გ Დ	Ა Ბ Გ Დ	
Small p-hook alternate (U+01A5)	cv49	p_hk (old:1040)	0=Left hook	ᲢᲣ	ᲢᲣ	R
			1=Right hook	ᲢᲣ	ᲢᲣ	
Small q-tail alternate (U+0071 U+02A0)	cv51	q_tl: (old:1073)	0=Straight	ᲒᲓ Ე	ᲒᲓ Ე	R
			1=Point	ᲒᲓ Ე	ᲒᲓ Ე	
Capital Q alternate (U+0051)	cv52	Qalt: (old:1076)	0=Tail	ᲒᲓ	ᲒᲓ	R
			1=Tail across	ᲒᲓ	ᲒᲓ	
Capital R-tail alternate (U+2C64)	cv55	R_tl (old:1039)	0=Uppercase style	ᲚᲛ	ᲚᲛ	R
			1=Lowercase style	ᲚᲛ	ᲚᲛ	
Capital T-hook alternate (U+01AC)	cv57	t_hk (old:1037)	0=Left hook	ᲚᲛ	ᲚᲛ	R
			1=Right hook	ᲚᲛ	ᲚᲛ	

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+02A8 U+1D7A U+02A6 U+02A7 U+0167 U+1D75 U+01AB U+1DB5 U+01AD U+02B7 U+2C66 U+036D)	cv56	t_tl: (old:1074)	0=Curved tail	t ṭ t̥ ţ t̨ t̩ t̪ t̫ t̬ ṱ t̮ t̯ t̰ ṯ t̲ t̳ t̴ t̵ t̶ t̷ t̸ t̹ t̺ t̻ t̼ t̽ t̾ t̿	T Ṭ T̥ Ţ T̨ T̩ T̪ T̫ T̬ Ṱ T̮ T̯ T̰ Ṯ T̲ T̳ T̴ T̵ T̶ T̷ T̸ T̹ T̺ T̻ T̼ T̽ T̾ T̿	R
			1=Straight	t ṭ t̥ ţ t̨ t̩ t̪ t̫ t̬ ṱ t̮ t̯ t̰ ṯ t̲ t̳ t̴ t̵ t̶ t̷ t̸ t̹ t̺ t̻ t̼ t̽ t̾ t̿	T Ṭ T̥ Ţ T̨ T̩ T̪ T̫ T̬ Ṱ T̮ T̯ T̰ Ṯ T̲ T̳ T̴ T̵ T̶ T̷ T̸ T̹ T̺ T̻ T̼ T̽ T̾ T̿	
V-hook alternates (U+01B2 U+028B U+1DB9)	cv62	v_hk: (old:1033)	0=Curved	Uᵛ	Uᵛ	R
			1=Straight with low hook	Vᵛ	Vᵛ	
			2=Straight with high hook	Vᵛ	Vᵛ	
Capital Y-hook alternate (U+01B3)	cv68	Y_hk (old:1034)	1=Right hook	Yʝ	Yʝ	R
			0=Left hook	Yʝ	Yʝ	
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)	cv67	y_tl: (old:1075)	0=Curved tail	y ʝ ý ÿ ŷ ỵ̂ ŷ̥ ŷ̧ ŷ̨ ŷ̩ ŷ̪ ŷ̫ ŷ̬ ŷ̭ ŷ̮ ŷ̯ ŷ̰ ŷ̱ ŷ̲ ŷ̳ ŷ̴ ŷ̵ ŷ̶ ŷ̷ ŷ̸ ŷ̹ ŷ̺ ŷ̻ ŷ̼ ŷ̽ ŷ̾ ŷ̿	Y ʝ Ý ÿ ỵ̂ ŷ̥ ŷ̧ ŷ̨ ŷ̩ ŷ̪ ŷ̫ ŷ̬ ŷ̭ ŷ̮ ŷ̯ ŷ̰ ŷ̱ ŷ̲ ŷ̳ ŷ̴ ŷ̵ ŷ̶ ŷ̷ ŷ̸ ŷ̹ ŷ̺ ŷ̻ ŷ̼ ŷ̽ ŷ̾ ŷ̿	R
			1=Straight	y ʝ ý ÿ ỵ̂ ŷ̥ ŷ̧ ŷ̨ ŷ̩ ŷ̪ ŷ̫ ŷ̬ ŷ̭ ŷ̮ ŷ̯ ŷ̰ ŷ̱ ŷ̲ ŷ̳ ŷ̴ ŷ̵ ŷ̶ ŷ̷ ŷ̸ ŷ̹ ŷ̺ ŷ̻ ŷ̼ ŷ̽ ŷ̾ ŷ̿	Y ʝ Ý ÿ ỵ̂ ŷ̥ ŷ̧ ŷ̨ ŷ̩ ŷ̪ ŷ̫ ŷ̬ ŷ̭ ŷ̮ ŷ̯ ŷ̰ ŷ̱ ŷ̲ ŷ̳ ŷ̴ ŷ̵ ŷ̶ ŷ̷ ŷ̸ ŷ̹ ŷ̺ ŷ̻ ŷ̼ ŷ̽ ŷ̾ ŷ̿	
Small ezh-curl alternate (U+0293)	cv19	ezhc (old:1036)	0=Small bowl	Ʒ	Small capitals are not available as there is no uppercase equivalent	R
			1=Large bowl	Ʒ		
Capital Ezh alternates (U+01B7 U+04E0)	cv20	Ezhr (old:1042)	0=Normal	Ʒ Ʒ	Ʒ Ʒ	R
			1=Reversed sigma	Ʒ Ʒ	Ʒ Ʒ	
OU alternates (U+0222 U+0223 U+1D3D U+1D15)	cv47	opOU (old:1045)	0=Closed	888 ⁸	888 ⁸	R
			1=Open	888 ⁸	888 ⁸	
Modifier apostrophe alternates (U+02BC U+A78B U=A78C)	cv70	apos (old:1044)	0=Small	’ ıı	Small capitals are not available	R
			1=Large	’ ıı		

[illegible]

[illegible]

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)	cv07	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.		T