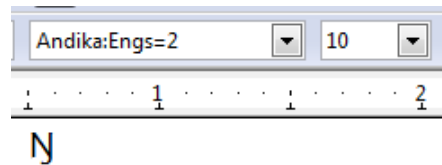
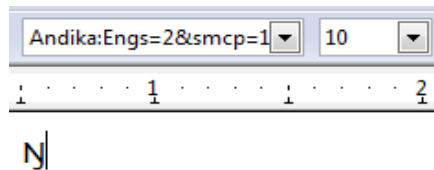


## Font Features for Andika

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 <sup>1</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 U+1ED7)	cv75	viet (old:1029)	0=False	Áá Àà Ăă Ãã Ấấ Ẫẫ Ằằ Ẵẵ ẾếỀềỄễỄễ ỐốỒồỔổỔổ	ÁÁ ÀÀ ĂĂ ÃÃ ẤẤ Ẫẫ Ằằ Ẵẵ ẾẾỀềỄễỄễ ỒỒỔổỔổỐốỒồỔổỔổ	R, O
			1=Vietnamese-style	Ấấ Àà Ăă Ãã Ấấ Ẫẫ Ằằ Ẵẵ ẾếỀềỄễỄễ ỐốỒồỔổỔổ	ẤẤ ÀÀ ĂĂ ÃÃ ẤẤ Ẫẫ Ằằ Ẵẵ ẾẾỀềỄễỄễ ỒỒỔổỔổỐốỒồỔổỔổ	
<b>Serbian-style alternates</b> (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	
<b>Chinantec tones</b> (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		
<b>Bridging diacritics</b> (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: ÔU Ôu ôu Ô̈U Ô̈u ô̈u Ô̈U Ô̈u ô̈u Ô̈U Ô̈u ô̈u	Small capitals do not work properly	G
			1=True	Naso: L̈L̈ İ̈ İ̈ L̈ Konai: Ô̈U Ô̈u ô̈u Ô̈U Ô̈u ô̈u Ô̈U Ô̈u ô̈u Ô̈U Ô̈u ô̈u		

<sup>1</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.); **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
<b>Miscellaneous</b>						
<b>Literacy alternates</b> (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+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 Ȧȧ Ǻǻ Ăă Āā Áá Àà Ââ Āā Ȧȧ Ȧȧ Ǻǻ Áá Àà Ăă Āā Ââ Áá Àà Ǻǻ Ǻǻ Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ĝĝ Ğğ Ġġ Ģģ Čč Šš Ǧǧ Ǧǧ Ǧǧ Ǧǧ Ǧǧ Ǧǧ Ǧǧ	AA ÀÀ ÁÁ ÂÂ ÃÃ ÄÄ ÅÅ ĀĀ ĂĂ ȦȦ ǺǺ ĂĂ ĂĂ ĀĀ ĀĀ ÁÁ ÀÀ ÂÂ ĀĀ ȦȦ ȦȦ ȦȦ ȦȦ ÁÁ ÀÀ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ĜĜ ĞĞ ĠĠ Ģģ Čč Šš ǦǦ ǦǦ ǦǦ ǦǦ ǦǦ ǦǦ ǦǦ	R
			0=False	Aa Àà Áá Ââ Ãã Ää Åå Āā Ăă Ȧȧ Ǻǻ Ăă Āā Áá Àà Ââ Āā Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ăă Āā Ââ Áá Àà Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ĝĝ Ğğ Ġġ Ģģ Čč Šš Ǧǧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ	AA ÀÀ ÁÁ ÂÂ ÃÃ ÄÄ ÅÅ ĀĀ ĂĂ ȦȦ ǺǺ ȦȦ ȦȦ ĀĀ ĀĀ ÁÁ ÀÀ ÂÂ ĀĀ ȦȦ ȦȦ ȦȦ ÁÁ ÀÀ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ȦȦ ĜĜ ĞĞ ĠĠ Ģģ Čč Šš Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ	
<b>Barred-bowl forms</b> (U+0111 U+0180 U+01E5)	ss04	bowl (old:1031)	0=False	Đđ B̂b Ğğ	ĐĐ B̂B ĞĞ	R
			1=Barred-bowl	Đđ B̂b Ğğ	ĐĐ B̂B ĞĞ	
<b>Non-European caron alternates</b> (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	
<b>Ogonek alternate</b> (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 Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ)	anything with ˛ (Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ)	R
			1=Straight	anything with ˛ (Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ)	anything with ˛ (Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ Ȧȧ)	



Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
<b>Uppercase Eng alternates</b> (U+014A)	cv43	Engs (old:1024)	0= Large eng with descender	Ŋŋ	Ŋŋ	R
			1=Large eng on baseline	ᲚᲛ	ᲚᲛ	
			2=Capital N with tail	ᲞᲟ	ᲞᲟ	
			3=Large eng with short stem	ᲚᲛ	ᲚᲛ	
<b>Capital N-left-hook alternate</b> (U+019D)	cv44	N_hk (old:1035)	0=Uppercase style	ᲞᲟ	ᲞᲟ	R
			1=Lowercase style	ᲟᲟ	ᲟᲟ	
<b>Open-O alternate</b> (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	
<b>Small p-hook alternate</b> (U+01A5)	cv49	p_hk (old:1040)	0=Left hook	ᲢᲣ	ᲢᲢ	R
			1=Right hook	ᲢᲣ	ᲢᲢ	
<b>Small q-tail alternate</b> (U+0071 U+A757 U+A759 U+02A0)	cv51	q_tl: (old:1073)	0=Straight	ᲘᲙ ᲘᲙ ᲘᲙ ᲘᲙ	ᲘᲘ ᲘᲘ ᲘᲘ ᲘᲘ	R
			1=Point	ᲘᲙ ᲘᲙ ᲘᲙ ᲘᲙ	ᲘᲘ ᲘᲘ ᲘᲘ ᲘᲘ	
<b>Capital Q alternate</b> (U+0051 U+A756 U+A758)	cv52	Qalt: (old:1076)	0=Tail	ᲘᲙ ᲘᲙ ᲘᲙ	ᲘᲘ ᲘᲘ ᲘᲘ	R
			1=Tail across	ᲘᲙ ᲘᲙ ᲘᲙ	ᲘᲘ ᲘᲘ ᲘᲘ	
<b>Capital R-tail alternate</b> (U+2C64)	cv55	R_tl (old:1039)	0=Uppercase style	ᲠᲡ	ᲠᲠ	R
			1=Lowercase style	ᲡᲢ	ᲡᲡ	
<b>Capital T-hook alternate</b> (U+01AC)	cv57	t_hk (old:1037)	0=Left hook	ᲠᲡ	ᲠᲠ	R
			1=Right hook	ᲠᲡ	ᲠᲠ	

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
<b>Small t-tail alternate</b> (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 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	
<b>V-hook alternates</b> (U+01B2 U+028B U+1DB9)	cv62	v_hk: (old:1033)	0=Curved	U Uᵛ	U Uᵛ	R
			1=Straight with low hook	V Vᵛ	V Vᵛ	
			2=Straight with high hook	V Vᵛ	V Vᵛ	
<b>Capital Y-hook alternate</b> (U+01B3)	cv68	Y_hk (old:1034)	1=Right hook	Y Yᵝ	Y Yᵝ	R
			0=Left hook	Y Yᵝ	Y Yᵝ	
<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)	cv67	y_tl: (old:1075)	0=Curved tail	y ỵ y̥ y̧ y̨ y̩ y̪ y̫ y̬ y̭ y̮ y̯ y̰ y̱ y̲ y̳ y̴ y̵ y̶ y̷ y̸ y̹ y̺ y̻ y̼ y̽ y̾ y̿	Y Ỵ Y̥ Y̧ Y̨ Y̩ Y̪ Y̫ Y̬ Y̭ Y̮ Y̯ Y̰ Y̱ Y̲ Y̳ Y̴ Y̵ Y̶ Y̷ Y̸ Y̹ Y̺ Y̻ Y̼ Y̽ Y̾ Y̿	R
			1=Straight	y ỵ y̥ y̧ y̨ y̩ y̪ y̫ y̬ y̭ y̮ y̯ y̰ y̱ y̲ y̳ y̴ y̵ y̶ y̷ y̸ y̹ y̺ y̻ y̼ y̽ y̾ y̿	Y Ỵ Y̥ Y̧ Y̨ Y̩ Y̪ Y̫ Y̬ Y̭ Y̮ Y̯ Y̰ Y̱ Y̲ Y̳ Y̴ Y̵ Y̶ Y̷ Y̸ Y̹ Y̺ Y̻ Y̼ Y̽ Y̾ Y̿	
<b>Small ezh-curl alternate</b> (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		
<b>Capital Ezh alternates</b> (U+01B7 U+04E0)	cv20	Ezhr (old: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)	cv47	opOU (old:1045)	0=Closed	88 8 <sup>8</sup>	88 8 <sup>8</sup>	R
			1=Open	88 8 <sup>8</sup>	88 8 <sup>8</sup>	
<b>Modifier apostrophe alternates</b> (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
<b>Digit Seven with bar</b> (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		
<b>Other Features</b>						
<b>Line spacing</b>			Normal Tight Loose	Allows for adjustment of the default line spacing in the font.		T