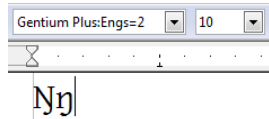
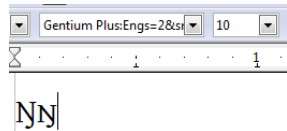


## Font Features for Gentium Plus

When Gentium Plus 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 Gentium Plus), 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 “Gentium Plus:Engs=2”. (The Feature IDs have changed. If you already have documents which specify the 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, “Gentium Plus:Engs=2&smcp=1” 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 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 Gentium Plus:

Feature Name	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 1ED7)	viet (old:1029)	0=False	Áá Àà Ǻǻ Ǻǻ Ǻǻ Ǻǻ Ǻǻ Ǻǻ Ǻǻ Ǻǻ Ếế Èè Êê Ëë Óó Òò Ỏỏ Ỡỡ	ÁÁ ÀÀ ǺǺ ǺǺ ǺǺ ǺǺ ǺǺ ǺǺ Ắắ ẾẾ ÈÈ ÊÊ ËË ÓÓ ÒÒ ỎỎ ỠỠ	R, O
		1=True	ǺǺ ǺǺ ǺǺ ǺǺ ǺǺ ǺǺ ǺǺ Ắắ Ếế Èè Êê Ëë Óó Òò Ỏỏ Ỡỡ	ẮẮ ǺǺ ẮẮ ẮẮ ẮẮ ẮẮ ẮẮ ẮẮ ẮẮ ẾẾ ÈÈ ÊÊ ËË ÓÓ ÒÒ ỎỎ ỠỠ	
<b>Romanian-style diacritics</b> (U+015E U+015F U+0162 U+0163)	romn (old:1041)	0=False	Șș Țț	ȘȘ ȚȚ	R, O
		1=True	Șș Țț	ȘȘ ȚȚ	
<b>Serbian-style alternates</b> (U+0431 U+0433 U+0434 U+043F U+0442)	serb (old:1078)	0=False	Ђб Гг Дд Пп Тт	ББ ГГ ДД ПП ТТ	R
		1=True	Бб Гг Дд Пп Тт	ББ ГГ ДД ПП ТТ	
<b>Chinantec tones</b> (U+02CB U+02C8 U+02C9 U+02CA)	chn (old:1057)	0=False	ᵛ ᵛ ᵛ	Small capitals are not available as there is no uppercase equivalent	R
		1=True	ᵛ ᵛ ᵛ		
<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: ĹĹ ĩ ĩ ĹĹ Konai: ÔU Ôu ôu ÔU Ôu ôu ÔU Ôu ôu ÔU Ôu ôu	Small capitals do not work properly	G
		1=True	Naso: ĹĹ ĩ ĩ ĹĹ Konai: ÔU Ôu ôu ÔU Ôu ôu ÔU Ôu ôu ÔU Ôu ôu		
<b>Cyrillic<sup>2</sup></b>					
<b>Mongolian-style Cyrillic E</b> (U+042D U+044D)	mone (old:1027)	0=False	Ээ	Ээ	R
		1=True	Ээ	Ээ	

<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>).

<sup>2</sup>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 Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
<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)	ogon (old:1043)	0=Curved	anything with ǫ (Ąą Ęę Ĳ ĳ Ųų Ųų Ų̄Ų̄)	anything with ǫ (ĄĄ ĘĘ Ĳ ĳ ŲŲ ŲŲ Ų̄Ų̄)	R
		1=Straight	anything with ǫ (Ąą Ęę Ĳ ĳ Ųų Ųų Ų̄Ų̄)	anything with ǫ (ĄĄ ĘĘ Ĳ ĳ ŲŲ ŲŲ Ų̄Ų̄)	
<b>Low-profile diacritics</b> (U+0300 U+0301 U+0302 U+0303 U+0304 U+0307 U+0308 U+030C)	lopr (old:1054)	0=High angle	anything with ̀ ́ ̂ ̃ ̄ ̅ ̆ ̇ (áâãäåääää)	anything with ̀ ́ ̂ ̃ ̄ ̅ ̆ ̇ (ÁÀĂÄÅÃÄÄÄ)	R
		1=Low angle	anything with ̀ ́ ̂ ̃ ̄ ̅ ̆ ̇ (áâãäåääää)	anything with ̀ ́ ̂ ̃ ̄ ̅ ̆ ̇ (ÁÀĂÄÅÃÄÄÄ)	
<b>Serif beta alternate</b> (U+03B2 U+1D66 U+1D5D)	beta (old:1060)	0=False	β <sup>β</sup> β	Small capitals are not available as there is no uppercase equivalent	R
		1=True	β <sup>β</sup> β		
<b>Capital B-hook alternate</b> (U+0181)	B_hk (old:1064)	0=False	ḂḄ	ḂḂ	R
		1=True	ḂḄ	ḂḂ	
<b>Rams horn alternates</b> (U+0264)	ramh (old:1025)	0=Small bowl	ʀ	Small capitals are not available as there is no uppercase equivalent	R
		1=Large bowl	ʀ		
		2=Small gamma	ʀ		
<b>Capital H-stroke alternate</b> (U+0126)	Hstk (old:1038)	0=Horizontal stroke	Ḥḥ	ḤḤ	R
		1=Vertical stroke	Ḥḥ	ḤḤ	
<b>J stroke hook alternate</b> (U+0284)	Jstk (old:1049)	0=No serif	ƒ	Small capitals are not available as there is no uppercase equivalent	R
		1=Top serif	ƒ		
<b>Uppercase Eng alternates</b> (U+014A)	Engs (old:1024)	0= Large eng with descender	Ŋŋ	Ŋŋ	R
		1=Large eng on baseline	Ŋŋ	Ŋŋ	
		2=Capital N with tail	Ŋŋ	ŊŊ	
		3=Large eng with short stem	Ŋŋ	Ŋŋ	

Feature Name	Feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
<b>Capital N-left-hook alternate</b> (U+019D)	N_hk (old:1035)	0=Uppercase style	Nŋ	ŊŊ	R
		1=Lowercase style	ŋŋ	ŋŋ	
<b>Open o alternate</b> (U+0186 U+0254 U+1D10 U+1D53 U+1D97)	opnO (old:1059)	0=Bottom serif	Ɔ ɔ ɔ ɔ	Ɔ ɔ ɔ ɔ	R
		1=Top serif	Ɔ ɔ ɔ ɔ	Ɔ ɔ ɔ ɔ	
<b>Small p-hook alternate</b> (U+01A5)	p_hk (old:1040)	0=Left hook	PḆ	ḐḐ	R
		1=Right hook	PḦ	ḐḐ	
<b>Capital R-tail alternate</b> (U+2C64)	R_II (old:1039)	0=Uppercase style	Ŕŕ	ŖŖ	R
		1=Lowercase style	ŕŕ	ŕŕ	
<b>Capital T-hook alternate</b> (U+01AC)	T_hk (old:1037)	0=Left hook	TḦ	TṬ	R
		1=Right hook	TḦ	TṬ	
<b>V-hook alternates</b> (U+01B2 U+028B)	v_hk (old:1033)	0=Curved	ƆƆ	ƆƆ	R
		1=Straight left	∇∇	∇∇	
		2=Straight left high hook	∇∇	∇∇	
<b>Capital Y-hook alternate</b> (U+01B3)	Y_hk (old:1034)	1=Right hook	Ŷŷ	ŸŸ	R
		0=Left hook	Ŷŷ	ŸŸ	
<b>Small ezh-curl alternate</b> (U+0293)	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)	Ezhr (old:1042)	0=Normal	ƷƷ ƷƷ	ƷƷ ƷƷ	R
		1=Reversed sigma	ƷƷ ƷƷ	ƷƷ ƷƷ	
<b>OU alternates</b> (U+0222 U+0223 U+1D3D U+1D15)	opOU (old:1045)	0=Closed	888 <sup>8</sup>	888 <sup>8</sup>	R
		1=Open	888 <sup>8</sup>	888 <sup>8</sup>	



