

Font features of Linux Libertine G and Linux Biolinum G¹

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Set extended font names in OpenOffice.org to use Graphite font features, eg.

Linux Libertine G:smcp=1 (small caps)

Linux Libertine G:pnum=1&onum=1 (proportional old **style** numbers)

Ported and extended font features of Linux Libertine in Linux Libertine G

ID	Description	Test input	Result
c2sc	Capitals to Small Capital	Linux Libertine G	linux libertine G
case	Case-Sensitive Forms	(THE YEAR 2010)	(THE YEAR 2010)
cpsp	Capital spacing	LINUX LIBERTINE	LINUX LIBERTINE
dlig	Discretionary Ligatures	ck, ch, tʒ; <i>ij</i>	ck, ch, tʒ; ² <i>ij</i> ³
fina	Terminal Forms	σσσσσ	σσσσς
frac	Diagonal Fractions (value=1) Nut Fractions (value=2)	½, ⅓, ⅔, ¼, ¾, ⅞ ½, ⅞, ⅞, 276/43	½, ⅓, ⅔, ¼, ¾, ⅞ ½, ⅞, ⅞, 276/43
hlig	Historic Ligatures	ſt, st	ſt, st
liga ⁴	Standard Ligatures	fb, ff, fh, ffh, fi, ffi, fj, ffj, fk, ffk, fl, ffl, ft, fft, fh, fl, fs, fl, ft, tt, Qu, Qu, Th, °C °F, ..., !!, !?, ?!, ??, gj, gy	fb, ff, fh, ffh, fi, ffi, fj, ffj, fk, ffk, fl, ffl, ft, fft, fh, fl, fs, fl, ft, tt, Qu, Qu, Th, °C °F, ..., !!, !?, ?!, ??, gj, gy ⁵
locl	Localized Forms in Latin	ș, Ș, ț, Ț, ș, Ț	ș, Ș, ț, Ț, ș, ț ⁶
nalt	Alternate Annotation Forms	(1)–(20)	①–②②
onum	Oldstyle Figures	1 2 3 4 5 6 7 8 9 0	1 2 3 4 5 6 7 8 9 0
pnum	Proportional Numbers	1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1
salt	Stylistic Alternatives	&, h, ß, θ, κ, φ, h, A	ℵ, h, ß, θ, κ, φ, h, A
sinf	Scientific Inferiors	1 2 3 4 5 6 7 8 9 0 a b c d e f g h i j	1 2 3 4 5 6 7 8 9 0 a b c d e f g h i j
smcp	Lowercase to Small Capitals	a b c d e f g h i j k l m n o p q...	A B C D E F G H I J K L M N O P Q...
ss01 ⁷	Style Set 1	Ä, Ö, Ü	Ä, Ö, Ü
ss02	Style Set 2	J, K, R	Ŷ, K, R
ss03	Style Set 3	ß, ß, ß	ss, SS, ss
ss04	Style Set 4	ℵ	ℵ
ss05	Style Set 5	W	W

¹ Linux Libertine G (<http://www.numbertext.org/linux>) based on Linux Libertine (<http://linuxlibertine.sf.net>)

² German ligatures: ck, ch, tʒ. Note: these are default ligatures in the italic font variant.

³ Dutch ligature.

⁴ Default feature.

⁵ Cursive gy in Hungarian

⁶ Only in Romanian texts.

⁷ Default feature, except German languages.

sup _s	Superscript	1 234 567 890abcdefghij	1 234 567 890abcdefghij
zero	Slashed Zero	0	0
ingl	Single Substitution	i, j	ı, ȷ

Extra font features of Linux Libertine G

ID	Description	Test input	Result
aln ⁸	Right aligned numbers or footnote numbering signs	1 3 10 4 100 5	1 3 10 4 100 5
arti	Definitive article	1, 2, 3, 4, 5, ...	1, 2, 3, 4, 5, ... ⁹
caps	Capitalized forms (1=first letter, 2=all caps (Note: case and csp are activated with this option), 3=title caps, 4=title caps 2)	hundred fifty-one	Hundred fifty-one hundred fifty-one hundred fifty-one hundred fifty-one
circ	Enclosed alphanumerics (1=circled, 2=parenthesized, 3=white on black, 4=double circled)	1, 2, 3, 4, 5, ...	1: 1, 2, 3, 4, 5, ... 2: 1, 2, 3, 4, 5, ... 3: 1, 2, 3, 4, 5, ... 4: 1, 2, 3, 4, 5, ...
dash	N-dash correction	Item - item item -, item - Item	Item - item item -, item - Item
foot	Footnote numbering signs (1=1, 2, 3 ¹⁰ , 2=1, 2, 3)	1, 2, 3, 4, 5, 6, ...	1, 2, 3, 4, 5, 6, ... 1, 2, 3, 4, 5, 6
frsp ¹¹	French spacing	Go! Go? Go: Go; «Go»	Go! Go? Go: Go; «Go»
grkn	Numbers to Greek small letters	1, 2, 3, 4, 5, 6, 7, 8, 9, ...	1, 2, 3, 4, 5, 6, 7, 8, 9, ...
minu ¹²	True minus sign	-1	-1
name ¹³	Number to number names (1=cardinal, 2=ordinal, 3=ordinal abbreviation)	99	1: 99 2: 99 3: 99
quot ¹⁴	Quotation mark correction	"item"	"item"
sa01-	sa99 for single salt items	<i>a&h</i>	<i>a&h</i>
texm	TeX-mode	$a^2, a_n^*, SO_4^{2-} \rightarrow \sum_{k=1}^n \alpha_k$	$a^2, a_n^*, SO_4^{2-} \rightarrow \sum_{k=1}^n \alpha_k$
thou ¹⁵	Thousand separation	12345	12 345

⁸ Add missing feature for OpenOffice.org, see [Issue 18326](#) and [Issue 33553](#).

⁹ Only in Hungarian texts.

¹⁰ In Hungarian texts foot=1 results 1, 2, 3, too.

¹¹ ½ em spacing. Default in French and Hungarian texts.

¹² Default feature.

¹³ It's dependent from the language of the text. It supports more than 20 languages, see later.

¹⁴ It's dependent from the language of the text.

¹⁵ Default feature (thou=1, thousand separation from 10 000).

	value=1: from 10 000 value=2: from 1000 for tables	1234	1234 (thou = 1) 1 234 (thou = 2)
vari	Variant	1 one hundred and one	1 one hundred one

Supported languages of feature name¹⁶

Language	Code	Id	Example (spelling out of the Id)
Afrikaans	AFK	27	27
Catalan	CAT	37	37
Czech	CSY	42	42
Danish	DAN	45	45
Dutch	NLD	31	31
English	ENG	1	1
Esperanto	EO	200	ducent ¹⁷
German	DEU	49	49
Greek	ELL	30	30
Finnish	FIN	35	35
French	FRA	33	33
Hungarian	HUN	36	36
Italian	ITA	39	39
Luxembourgian	LBZ	201	zweehonnerteent
Polish	PLK	48	48
Portuguese	PTG	3	3
Romanian	ROM	40	40
Russian	RUS	7	7
Serbian	SRPL	52	52
Serbian (Cyrillic)	SRP	51	51
Slovenian	SLV	50	50
Spanish	ESP	34	34
Swedish	SVE	46	46
Turkish	TRK	90	90

Symbols of TeX-mode

<code>\alpha</code> α	<code>\epsilon</code> ε	<code>\theta</code> θ	<code>\lamda</code> λ
<code>\beta</code> β	<code>\varepsilon</code> ε	<code>\vartheta</code> ϑ	<code>\mu</code> μ
<code>\gamma</code> γ	<code>\zeta</code> ζ	<code>\iota</code> ι	<code>\nu</code> ν
<code>\delta</code> δ	<code>\eta</code> η	<code>\kappa</code> κ	<code>\xi</code> ξ

¹⁶ Multilingual solution for [OpenOffice.org Issue 92730](http://www.openoffice.org/issue/92730), based on the data of <http://www.numbertext.org>.

¹⁷ Only with explicit language code "lng=200".

π	\mp	\mid	\forall
ϖ	\times	\nmid	\exists
ρ	\setminus	\parallel	\triangle
ϱ	\cap	$\not<$	∞
ς	\cup	$\not>$	∂
σ	\wedge	\parallel	\angle
τ	\vee	$\not\parallel$	\perp
υ	\leq	\nparallel	
ϕ	\geq	\leftarrow	$\sqrt{}$
φ	\leq	\leftarrow	\sum
χ	\geq	\uparrow	\int
ψ	$\not\leq$	\rightarrow	\iint
ω	$\not\geq$	\rightarrow	\iiint
	\ll	\downarrow	\oint
Γ	\gg	\leftrightarrow	\prod
Δ	\neq	\Leftarrow	\prime
Θ	\in	\Uparrow	
Λ	\notin	\Rightarrow	\mathbb{C}
Ξ	\ni	\Downarrow	\mathbb{H}
Π	$\not\ni$	\Leftrightarrow	\mathbb{N}
Σ	\subset		\mathbb{P}
Υ	\supset	\hbar	\mathbb{Q}
Φ	$\not\subset$	\Re	\mathbb{R}
Ψ	$\not\supset$	\Im	\mathbb{Z}
Ω	\sim	ℓ	
	\nsim	\aleph	
\pm	\approx	\emptyset	