

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)
csp	Capital spacing	LINUX LIBERTINE	LINUX LIBERTINE
dlig	Discretionary Ligatures	ck, ch, tz; ij	ck, ch, tʒ; ² ij ³
fina	Terminal Forms	σσσσσ	σσσσς
frac	Diagonal Fractions (value=1) Nut Fractions (value=2)	1/2, 1/3, 2/3, 1/4, 3/4, 1/99 1/2, 1/72, 1/256, 276/43	½, ⅓, ⅔, ¼, ¾, ⅑ ₉₉ ½, ⅓, ⅔, ¼, ¾, ⅑ ₉₉
hlig	Historic Ligatures	ct, st	cṭ, sṭ
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, Q̣u, Th, °C °F, ..., !!, !?, ?!, ??, g̣j, g̣y	fb, ff, fh, ffh, fi, ffi, fj, ffj, fk, ffk, fl, ffl, ft, fft, fh, fl, fs, fl, ft, tt, Qu, Q̣u, Th, °C °F, ..., !!, !?, ?!, ??, g̣j, g̣y 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)	①–②①
onum	Oldstyle Figures	1 234 567 890	1 234 567 890
pnum	Proportional Numbers	1 111 111 111	1 111 111 111
salt	Stylistic Alternatives	&, h, β, θ, κ, φ, h, A	℄, h, β, θ, κ, φ, h, A
sinf	Scientific Inferiors	1 234 567 890 abcdefghij	1 234 567 890 abcdefghij
smcp	Lowercase to Small Capitals	abcdefghijklmno p q...	ABCDEFGHIJKLMNO 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	℄	℄
ss05	Style Set 5	W	W

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

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

³Dutch ligature.

⁴Default feature.

⁵Cursive gy in Hungarian

⁶Only in Romanian texts.

⁷Default feature, except German languages.

sup _s	Superscript	1 234 567 890abcdefghij	1234567890abcdefghij
zero	Slashed Zero	0	ø
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=1em)	1 ‡ 10 § 100 **	1 ‡ 10 § 100 **
	Value 2=2, 3=3, 4=4 chars	2=1, 3=1, 4=1	2= 1, 3= 1, 4= 1
arti	Definitive article	1, 2, 3, 4, 5, ...	az 1, a 2, a 3, a 4, az 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: ❶, ❷, ❸, ❹, ❺, ... 4: ⓪, ⓫, ⓬, ⓭, ⓮, ...
dash	N-dash correction	Item - item item -, item - Item	Item – item item –, item – Item
dbls	Double-stroke letters	A Big CD	A Big CD
foot	Footnote numbering signs (1=*, †, ‡ ¹⁰ , 2=*, **, ***)	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, ...	α, β, γ, δ, ε, ζ, η, θ, ι, ...
hang	Hanging punctuation, hang=1	Co-operate, co-operate, operate, co-operate, co- operate, operate June– July, fine –really long– em dash. So “quotation” “marks” & punctuation. An exclamation mark! More question marks?	...Co-operate, co-operate, operate, co-operate, co- operate, operate June– July, final –really long– em dash. So “quotation” “marks” and punctuation. An exclamation mark! More question marks?

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

⁹Only in Hungarian texts.

¹⁰In Hungarian texts foot=1 results *, **, ***, too.

¹¹1/8 em spacing. Default in French and Hungarian texts.

	Only single hyphens, hang=2 ¹²	A hyphenation is a hyphenation.	A hyphenation is a hyphenation.
itlc (not yet in LibO v3.4)	<i>Italic correction, 1 = both side corrections on boundary spaces</i>	<i>a leaf louse</i>	<i>a leaf louse</i>
	<i>Value 2 = as above, but always right side correction</i>	<i> l </i>	<i> l </i>
ligc	Ligature correction at hyphenation (default in Hungarian)	„Egy fi-nom király-fi volna jó.”	„Egy fi-nom király-fi volna jó.”
lith	Extra switch for “Th” ligature	Thomas Quinn	Thomas Quinn
minu ¹³	True minus sign	-1	–1
name ¹⁴	Number to number names (1=cardinal, 2=ordinal, 3=ordinal abbreviation)	99	1: ninety-nine 2: ninety-ninth 3: 99th
nfsp	Non French spacing: greater spaces between sentences.	One. Two? Ten! One.	One. Two? Ten! One.
para	Regular parenthesis in Italic	<i>Normal (slanted) signs</i>	<i>Normal (slanted) signs</i>
quot ¹⁵	Quotation mark correction	"item"	“item”
sa01-	sa99 for single salt items	<i>a&h</i>	<i>a&h</i>
texm	TeX-mode	$a^2, a_n^*, \sum_{k=1}^n \alpha_i$	$a^2, a_n^*, \sum_{k=1}^n \alpha_i$
thou ¹⁶	Thousand separation value=1: from 10 000 value=2: from 1000 for tables	12345 1234	12 345 1234 (thou = 1) 1 234 (thou = 2)
vari	Variant	1st one hundred and one	1 st one hundred one

Supported languages of feature name¹⁷

Language	Code	Id	Example (spelling out of the Id)
Afrikaans	AFK	27	sewe-en-twintig
Catalan	CAT	37	trenta-set
Czech	CSY	42	čtyřicet dva
Danish	DAN	45	femogfyrre
Dutch	NLD	31	eenendertig

¹²Graphite integration hasn't supported real line end detection, yet. All character formatting boundaries can result hanging punctuation, so hang=2 limits it for hyphens with two boundaries, like hyphens added by automatic hyphenation.

¹³Default feature.

¹⁴It's dependent from the language of the text. Warning! Large numbers hasn't supported by LibO 3.4, yet.

¹⁵It's dependent from the language of the text.

¹⁶Default feature (thou=1, thousand separation from 10 000).

¹⁷Multilingual solution for [OpenOffice.org Issue 92730](http://www.numbertext.org), based on the data of <http://www.numbertext.org>.

English	ENG	1	one
Esperanto	EO	200	ducent ¹⁸
German	DEU	49	neunundvierzig
Greek	ELL	30	триάντα
Finnish	FIN	35	kolmekymmentäviisi
French	FRA	33	trente-trois
Hungarian	HUN	36	harminchat
Italian	ITA	39	trentanove
Luxembourgian	LBZ	201	zweehonnerteent
Polish	PLK	48	czterdzieści osiem
Portuguese	PTG	3	três
Romanian	ROM	40	patruzeci
Russian	RUS	7	семь
Serbian	SRPL	52	pedeset dva
Serbian (Cyrillic)	SRP	51	педесет један
Slovenian	SLV	50	petdeset
Spanish	ESP	34	treinta y cuatro
Swedish	SVE	46	fyrtiosex
Turkish	TRK	90	doksan

Symbols of TeX-mode

<code>\alpha</code> α	<code>\varrho</code> ϱ	<code>\Phi</code> Φ	<code>\gg</code> \gg
<code>\beta</code> β	<code>\varsigma</code> ς	<code>\Psi</code> Ψ	<code>\neq</code> \neq
<code>\gamma</code> γ	<code>\sigma</code> σ	<code>\Omega</code> Ω	<code>\in</code> \in
<code>\delta</code> δ	<code>\tau</code> τ		<code>\notin</code> \notin
<code>\epsilon</code> ϵ	<code>\upsilon</code> υ	<code>\pm</code> \pm	<code>\ni</code> \ni
<code>\varepsilon</code> ε	<code>\phi</code> ϕ	<code>\mp</code> \mp	<code>\not\ni</code> $\not\ni$
<code>\zeta</code> ζ	<code>\varphi</code> φ	<code>\times</code> \times	<code>\subset</code> \subset
<code>\eta</code> η	<code>\chi</code> χ	<code>\setminus</code> \setminus	<code>\supset</code> \supset
<code>\theta</code> θ	<code>\psi</code> ψ	<code>\cap</code> \cap	<code>\not\subset</code> $\not\subset$
<code>\vartheta</code> ϑ	<code>\omega</code> ω	<code>\cup</code> \cup	<code>\not\supset</code> $\not\supset$
<code>\iota</code> ι		<code>\wedge</code> \wedge	<code>\sim</code> \sim
<code>\kappa</code> κ	<code>\Gamma</code> Γ	<code>\vee</code> \vee	<code>\nsim</code> $\not\sim$
<code>\lambda</code> λ	<code>\Delta</code> Δ	<code>\leq</code> \leq	<code>\approx</code> \approx
<code>\mu</code> μ	<code>\Theta</code> Θ	<code>\geq</code> \geq	<code>\mid</code> \mid
<code>\nu</code> ν	<code>\Lambda</code> Λ	<code>\leq</code> \leq	<code>\nmid</code> \nmid
<code>\xi</code> ξ	<code>\Xi</code> Ξ	<code>\geq</code> \geq	<code>\parallel</code> \parallel
<code>\pi</code> π	<code>\Pi</code> Π	<code>\not\leq</code> $\not\leq$	<code>\not<</code> $\not<$
<code>\varpi</code> ϖ	<code>\Sigma</code> Σ	<code>\not\geq</code> $\not\geq$	<code>\not></code> $\not>$
<code>\rho</code> ρ	<code>\Upsilon</code> Υ	<code>\ll</code> \ll	<code>\parallel</code> \parallel

¹⁸Only with explicit language code “`\lng=200`”.

<code>\not\ </code> \nparallel	<code>\Downarrow</code> \Downarrow	<code>\infty</code> ∞	<code>\prod</code> \prod
<code>\nparallel</code> \nparallel	<code>\Leftrightarrow</code> \Leftrightarrow	<code>\partial</code> ∂	<code>\prime</code> $'$
<code>\gets</code> \leftarrow		<code>\angle</code> \angle	
<code>\leftarrow</code> \leftarrow	<code>\hbar</code> \hbar	<code>\perp</code> \perp	<code>\mathbb{C}</code> \mathbb{C}
<code>\uparrow</code> \uparrow	<code>\Re</code> \Re		<code>\mathbb{H}</code> \mathbb{H}
<code>\rightarrow</code> \rightarrow	<code>\Im</code> \Im		<code>\mathbb{N}</code> \mathbb{N}
<code>\to</code> \rightarrow	<code>\ell</code> ℓ	<code>\sqrt</code> $\sqrt{}$	<code>\mathbb{P}</code> \mathbb{P}
<code>\downarrow</code> \downarrow	<code>\aleph</code> \aleph	<code>\sum</code> \sum	<code>\mathbb{Q}</code> \mathbb{Q}
<code>\leftrightarrow</code> \leftrightarrow	<code>\emptyset</code> \emptyset	<code>\int</code> \int	<code>\mathbb{R}</code> \mathbb{R}
<code>\Leftarrow</code> \Leftarrow	<code>\forall</code> \forall	<code>\iint</code> \iint	<code>\mathbb{Z}</code> \mathbb{Z}
<code>\Uparrow</code> \Uparrow	<code>\exists</code> \exists	<code>\iiint</code> \iiint	
<code>\Rightarrow</code> \Rightarrow	<code>\triangle</code> \triangle	<code>\oint</code> \oint	