Improvements of Linux Libertine G and Biolinum G (2012-01-16)
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Feature	Example	New layout
Proper hinting for digital publishing by ttfautohint of Freetype	Check in Adobe Reader *at low magnification!*	Check in Adobe Reader *at low magnification!*
Better hyphen in sups (use feat. *texm* or – (U+2212) for minus)	– twenty–one –	– twenty-one –
Kerning fixes	*f', f]*	*f', f]*
Feature *litt* (optional switch for ligature tt)	matter	matter

Other fixes:
- fix crash of LibreOffice/Graphite 2 with dotted tabulation
- now Linux Libertine Semibold Italic supports Graphite features (eg. ***SMALL CAPS, 10 000***)
- proportional old style number can follow Euro symbol: €5800
- remove bad ligc replacement for single „fi" in superiors and inferiors (ᶠⁱ instead of fⁱ)

Older improvements (2011-09-20)

Ports of major Linux Libertine[1] improvements	*Linux Libertine Display (G): true large letters for titles, business cards, children books etc.*[2] *Usage: choose "Linux Libertine Display G" font.*	Example Example (Linux Libertine, 16 pt) Example (Linux Libertine Display, 16 pt)
	Linux Libertine bold (true ¾ bold) and semibold (the old bold was the semibold variant), see also Character formatting → bold and semibold variants.	**Example** **Example (Linux Libertine Bold, 16 pt)** **Example (Linux Libertine Semibold, 16 pt)** ***Example (Linux Libertine Bold Italic)*** ***Example (Linux Libertine Semibold Italic)***

* http://www.linuxlibertine.org
† Only regular variant.

Full sups: true small letters for superiors, footnotes, captions etc.[3]	*Capital letters, diacritics, punctuation and ligatures, feature frsp Usage: extend the font names with sups=1 in Character formatting: "Linux Libertine G:sups=1".*[4]	ÁBÇ! …	ÁBÇ!?,;: àáåãâäąœṣṣṭṭĵĥfffifj New layout: ÁBÇĐŐő!,;:àáåãâäąœŞşŢţĵĥfffifj
Unicode combining diacritics for international and scientific typesetting	*Port and extension of Linux Libertine OpenType* mark *tables Usage: add special Unicode diacritical marks after the letters.*[1]	ṯb̰Ọs̰i̊íą́õ̲ *IPA:* n̥b̪t̪s̪b̪t̪dd̪ɔ̃ɕ̤u̯e̯ɬ̊ɛ̈n̪β̞e̯e̯e̯, *Aleut:* X̌x̂, *Iñupiaq:* Ļl̦Ł̦Ł̦, *Yoruba:* Ọ́Ọ̀Ò̩Ọ̄Ṣéé̩è̩ē̩óó̩ò̩ō̩ṣ, *Hungarian phonology:* e̊e̊i̊í̊å̯ü̯̊ä̊ä̊å̯ö̯̊ä̊ő̊	ṯb̰Ọs̰i̊íą́ö̲ *IPA:* n̥b̪t̪s̪b̪t̪dd̪ɔ̃ɕ̤u̯e̯ɬ̊ɛ̈n̪β̞e̯e̯e̯, *Aleut:* X̌x̂, *Iñupiaq:* Ļl̦Ł̦Ł̦, *Yoruba:* Ọ́Ọ̀Ò̩Ọ̄Ṣéé̩è̩ē̩óó̩ò̩ō̩ṣ, *Hungarian phonology:* e̊e̊i̊í̊å̯ü̯̊ä̊ä̊å̯ö̯̊ä̊ő̊
	Kerning with combining diacritics	V̊ÅV̊A	V̊ÅV̊A
Italic correction: feature itlc[2]	*itlc=1 (both side corrections on boundary spaces)*	a *leaf* louse	a *leaf* louse a *leaf* louse a *leaf* louse
	itlc=2 (as above, but always right side correction)	|*l*|	|*l*|
Optional regular parenthesis in Italic text[3]	*feature para (only in Italic)*	*an (Italic) t* *(1) (2) (3)*	*an (Italic) t* *(1) (2) (3)*
Hanging punctuation (feature hang)	*hang=1. This feature works in character formatting boundaries, too, so consider to use hang=2*	…Co-operate, co-operate, co-operate, co-operate on June–July, finally a —really long— em dash. Some "quotation" "marks". Punctuation marks. Period. Exclamation marks! A question mark???????????	…Co-operate, co-operate, co-operate, co-operate on June–July, finally a —really long— em dash. Some "quotation" "marks". Punctuation marks. Period. Exclamation marks! A question mark???????????

‡ Only regular variant.

§ Or use one of the following extensions: Graphite Font extension (http://www.thanlwinsoft.org/GraphiteOOoExt/) or Typography toolbar (http://extensions.services.openoffice.org/en/project/typo).

* Insert symbols by the Word processor or by an Unicode input method (U+300-U+36F characters, http://en.wikipedia.org/wiki/Unicode_input)

† It hasn't worked in LibreOffice 3.3, yet.

‡ Preferred form, see in The Elements of Typographic Style

	hang=2 is for only hanging the inserted hyphen at hyphenation	A better hyphenation, hyphenation, a hyphenation is a hyphenation, better hyphenation, hyphenation.	A better hyphenation, hyphenation, a hyphenation is a hyphenation, better hyphenation, hyphenation.
New glyphs	Cursive variant *j* and *f* for *gj, gf* combinations (*frequent in Hungarian) + kerning*	*gj, gf, gfi* *vágja, legjava, megjavít* *megfog, legfiatalabb,* ***fogfájás***	*gj, gf, gfi* *vágja, legjava, megjavít* *megfog, legfiatalabb,* ***fogfájás***
Kerning fixes	*Capitals + small caps (feature* smcp*)*	VA, AV, VÁ, ÁV	VA, AV VÁ, ÁV
	Feature *pnum* in superiors	**111 741**	**111 741**
	Multiple exclamation and question marks	!!! !!! ???	!!! !!!! ???

	Catalan geminated l, also in small caps and superiors and other variants (see Feruglio et al.: Modern Catalan Typographical Conventions, Tugboat, No. 3., 1995	novel·le NOVEL·LE NOVEL·LE novel·le *novel·le* *NOVEL·LE* *NOVEL·LE* **novel·le** **NOVEL·LE** **NOVEL·LE** ***novel·le*** ***NOVEL·LE*** ***NOVEL·LE*** novel·le	novel·le NOVEL·LE NOVEL·LE novel·le *novel·le* *NOVEL·LE* *NOVEL·LE* **novel·le** **NOVEL·LE** **NOVEL·LE** ***novel·le*** ***NOVEL·LE*** ***NOVEL·LE*** novel·le novel·le
	Italic f + o/e dieresis *(fix using short f)*	*fö, gfö, fë* *föld, legföljebb, fëszë*	*fö, gfö, fë* *föld, legföljebb, fëszë*
	Italic f + punctuation	*f” ff”*	*f” ff”*
	Hungarian long consonants and digraphs + gf *and* gj *in Italic and superiors*	*bb, ly, ny, ty, zz,* gy, ny	*bb, ly, ny, ty, zz,* gy, ny

More small caps (feature smcp)	*New letters (using Unicode decomposition and combining diacritics)*	ǵĵ Latvian: čšž, except āēǵīķļņū Lithuanian: ąčęšž, except ėįųū Esperanto: ĉĝĥĵŝŭ	Ģĵ Latvian: ĀČĒĢĪĶĻŅŠŪŽĺŀŀ Lithuanian: ĄČĘĖĮŠŲŪŽ Esperanto: ĈĜĤĴŜŬ
	Combining diacritics	ȅȆȍȎȏȌȊ Yoruba: ẹ́ẹ̀ẹ̄ọ́ọ̀ọ̄ṣ	ȅȆȍȎȏȌȊ Yoruba: ẹ́ẹ̀ẹ̄ọ́ọ̀ọ̄ṣ
	Small cap A *variant (salt or sa08 + smcp) with diacritics*	A	AÃÂÅÀÁÄ GRÓF ESTERHÁZY JÁNOS
	Small cap A *variant with kerning*	VAVAVAV	VAVAVÁV
Spaces (only in LibO 3.3)	caps=2 *with enlarged spaces*	A BIG TREE	A BIG TREE
	feature nfsp: *enlarged spaces between sentences*	A big tree. Small tree? A big tree. A small tree! Small? Big!	A big tree. Small tree? A big tree. A small tree! Small? Big!
Feature *algn:* more values	Value 1=1em, 2–4: 2–4 characters		1= 1, 2= 1, 3= 1, 4= 1
Feature *lith* (fix feat. *liga*)	Optional switch for ligature "Th"	Thomas Quinn	Thomas Quinn
Ligature correction at hyphenation	*feature* ligc: *(default in Hungarian)*	„Egy fi- nom király- fi volna jó."	„Egy fi- nom király- fi volna jó."
Double-stroke capital letters	*feature* dbls	A Big CD	𝔸 𝔹ig ℂ𝔻
Other fixes	Corrected and new ligatures	***fi***	*ffj*, **ffj**, ***fj***, ***ffj***, ***fi***, ***ffi***, ***fj***, ***ffj***, fj, ffj
	Hungarian *gy* (improved forms)	–	*gy*, ***gy***, ***gy***
	Corrected letters	*őűŐŰ* ***őűŐŰ őűŐŰ*** őűŐŰ ***őűŐŰ őűŐŰő*** ÁŐ	*őűŐŰ* ***őűŐŰ őűŐŰ*** őűŐŰ ***őűŐŰ őűŐŰő*** ÁŐ
	Romanian (bold)	–	***ș, Ș, ț, Ț***
	Feature *name* + *caps*: Hungarian ordinal numbers	HarmincAdik	Harmincadik
	Feature frsp at text boundaries	Regular character after *italic*!	Regular character after *italic*!