

## LIBERTINE GREEK AND CYRILLIC SUPPORT

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This small package provides L<sup>A</sup>T<sub>E</sub>X support for Greek and Cyrillic scripts in the *libertine* fonts. The the obsolete *libertine-legacy* package provided support for the LGR encoding, but that package has some names that conflict with the current *libertine*, and require some renaming to load correctly.

The package does nothing under XeL<sup>A</sup>T<sub>E</sub>X or LuaL<sup>A</sup>T<sub>E</sub>X. In your preamble, load the *libertine* L<sup>A</sup>T<sub>E</sub>X font support packages in the following order:

```
\usepackage[sb]{libertine} % many options available  
\usepackage{libertinegc} % the only option is scale[d], which overrides that in libertine
```

The *libertinegc* package does very little:

- it warns you if you are using XeL<sup>A</sup>T<sub>E</sub>X or LuaL<sup>A</sup>T<sub>E</sub>X
- it loads support for the encodings OT2, T2A, T2B, T2C and LGR, but does not change the current encoding;
- it offers the *scale* (or *scaled*) option, allowing you to rescale the Greek and Cyrillic in this package, taking precedence over the *scale* defined in the *libertine* package.

Obviously, it is not mandatory to load the *libertinegc* package if you know what you are doing.

The package offers only a reduced set of figure options. In LGR, LF is rendered as TLF and T0sF is rendered as OsF. In OT2 and T2\*, all figure choices are rendered as TLF.

The T2\* encodings are intended for those whose keyboards provide native support for Cyrillic scripts. A limited version of Cyrillic is provided for those with Western keyboards by the OT2 encoding. See the documentation of the *nimbus15* package for usage details.

Greek support is provided through the LGR encoding. All characters may be accessed by ligatures built-in to the LGR encoded tfm and supported by babel. See the documentation for *nimbus15* for further details and especially the use of the *substitutefont* package to bypass babel's default choice of Greek font.

One limitation of *libertine* should be kept in mind—the BoldItalic font is not well-developed compared to the others in the Libertine family—the Greek extended is not bold, Cyrillic is almost entirely lacking, and the accents and spacing of extended Latin glyphs are not good. This package tries to get around this by defining bolditalic to mean boldoblique. It is better to work around the problem by specifying semibold in place of bold, which is effected by the option [sb] to *libertine*, as in the example above.