

# L<sup>A</sup>T<sub>E</sub>X support for Comfortaa

## Version 2.0

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## 1 Introduction

Comfortaa is a sans-serif font comfortable in every aspect designed by Johan Aakerlund. This font, which includes three weights (see figure 1 on the following page), is available on Johan’s deviantArt web page [1] as TrueType files licensed under the OFL version 1.1.

This package provides support for this font in L<sup>A</sup>T<sub>E</sub>X. It includes the original TrueType fonts, as well as Type 1 versions, converted for this package using FontForge for full support with Dvips.

Comfortaa Light  
Comfortaa Regular  
**Comfortaa Bold**

Figure 1: Available styles for Comfortaa

## 2 Installation

These directions assume that your  $\text{\TeX}$  distribution is TDS-compliant.

Once the `comfortaa.zip` archive extracted:

1. Copy `doc/`, `fonts/`, `source/`, and `tex/` directories to your `texmf/` directory (either your local or global `texmf/` directory).
2. Run `mktexlsr` to refresh the file name database and make  $\text{\TeX}$  aware of the new files.
3. Run `updmap --enable Map comfortaa.map` to make `Dvips`, `dvipdf` and `pdf $\text{\TeX}$`  aware of the new fonts.

Note that this package requires the `keyval` [2] and `slantsc` [3] (to handle italic/slanted small caps) ones to work.

## 3 Usage

### 3.1 Calling Comfortaa

You can use the Comfortaa font in a  $\text{\LaTeX}$  document by adding the command

```
\usepackage{comfortaa}
```

to the preamble. The package supplies the `\fcofamily` command to switch the current font to Comfortaa.

### 3.2 Options

#### 3.2.1 Comfortaa as default (sans-serif) font

You can set  $\text{\LaTeX}$  to use Comfortaa as standard font throughout the whole document by passing the `default` option to the package:

```
\usepackage[default]{comfortaa}
```

To set Comfortaa as default sans-serif only:

```
\usepackage[defaultsans]{comfortaa}
```

OT1-encoded	Te Té
T1-encoded	Te Té

Table 1: Kerning with OT1 and T1 encodings

### 3.2.2 Font scaling

The font can be up- and downscaled by any factor. This can be used to make Comfortaa more friendly when used in company with other type faces, e.g., to adapt the x-height. The package option `scale=ratio` will scale the font according to *ratio* (1.0 by default), for example:

```
\usepackage[scale=0.95]{comfortaa}
```

## 3.3 Encodings

The following encodings are supported:

**Latin** OT1, T1, TS1 (partial)

**Cyrillic** T2A, T2B, T2C, X2

**Greek** LGR (monotonic only)

To use one or another encoding, give the  $\LaTeX$  name to the `fontenc` package as usual, as in

```
\usepackage[T1]{fontenc}
\usepackage{comfortaa}
```

Note that, as usual with OT1 encoded fonts, kerning with accented characters is treated poorly, if at all. Note difference in kerning between these two encoding in table 1. It is therefore advised to always use the Comfortaa fonts in any encoding than OT1 when typing diacritics.

## 3.4 Available weights and variants

Table 2 on the following page lists the available font series and shapes with their NFSS classification. Parenthesized combinations are provided via substitutions. Notice that the slanted shapes are faked ones, as well as the small capitals (reduced to 80%).

## 4 Known bugs and improvements

Please send bug reports and suggestions about the Comfortaa  $\LaTeX$  support to [Mohamed El Morabity](#), not to Johan Aakerlund. Johan only distributes the TrueType font files themselves.

family	encoding	series	shape
fco	OT1,T1, T2A, T2B, T2C, X2, LGR	l, m, b (bx)	n, sl (it), sc, scsl (scit)
	TS1		n, sl (it)

Table 2: Available font series and shapes for Comfortaa

#### 4.1 Small dotless “j”

The Comfortaa font files do not provide any dotless “j” glyph. This  $\LaTeX$  support provides a faked one (j), available by typing `\j`, and built using the `t1dotlessj` command (from LCDF Typetools [4]).

#### 4.2 Searching for words containing ligatures in PDF documents

Searching for words typeset in Comfortaa and containing ligatures (such as “fi” or “fl”) in PDF documents is currently only possible if the PDF was generated using pdf $\TeX$  1.40 or above.

### 5 License

This package is released under the  $\LaTeX$  project public license, either version 1.3c or above [5]. Anyway both the TrueType and Type 1 files are delivered under the Open Font License version 1.1 [6].

### References

- [1] <http://aajohan.deviantart.com/art/Comfortaa-font-105395949>
- [2] <http://www.ctan.org/tex-archive/macros/latex/required/graphics/>
- [3] <http://www.ctan.org/tex-archive/macros/latex/contrib/slantsc/>
- [4] <http://www.lcdf.org/type/>
- [5] <http://www.latex-project.org/lppl/lppl-1-3c.html>
- [6] [http://scripts.sil.org/OFL\\_web](http://scripts.sil.org/OFL_web)