

The `calligra` package* for use with L^AT_EX 2_ε

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1 Introduction

The font `calligra` provides a calligraphic font. Calligra can be found on the CTAN in the directory `tex-archive/fonts/calligra`. This package provides means to use this font in L^AT_EX 2_ε.

This package has been created for an article in „Die T_EXnische Komödie“ [1]. This article contains some more details on the package and its use.

2 Usage

This file can be used as a package by placing its name in the argument of `\usepackage`. Afterwards the font family `calligra` is defined. This could also have been done by providing a font definition file.

The font definitions in this file scale down the original fonts to allow L^AT_EX to choose the right baselineskip.

`\calligra` The command `\calligra` changes the current font family to `calligra` and the encoding to T1. Usually this should be used in a T_EX group only since the macros `\ss` is redefined as well.

The following example on the left produces the result on the right.

*This file has version number v1.9, dated 2012/04/10.

```
{\calligra Lorem ipsum dolor sit amet,
consectetur adipisicing elit, sed do
eiusmod tempor incididunt ut labore et
dolore magna aliqua. Ut enim ad minim
veniam, quis nostrud exercitation ullamco
laboris nisi ut aliquip ex ea commodo
consequat. Duis aute irure dolor in
reprehenderit in voluptate velit esse
cillum dolore eu fugiat nulla pariatur.
Excepteur sint occaecat cupidatat non
proident, sunt in culpa qui officia
deserunt mollit anim id est laborum. }
```

*Lorem ipsum dolor sit amet, con-
sectetur adipisicing elit, sed do eiusmod
tempor incididunt ut labore et dolore
magna aliqua. Ut enim ad minim
veniam, quis nostrud exercitation ul-
lamco laboris nisi ut aliquip ex ea com-
modo consequat. Duis aute irure dolor
in reprehenderit in voluptate velit esse
cillum dolore eu fugiat nulla pariatur.
Excepteur sint occaecat cupidatat non
proident, sunt in culpa qui officia de-
serunt mollit anim id est laborum.*

`\textcalligra`

The command `\textcalligra` typesets its argument with the calligra font.
The following example on the left produces the result on the right.

```
\textcalligra{ Lorem ipsum dolor sit}
amet, consectetur adipisicing elit, sed
do eiusmod tempor incididunt ut labore et
dolore magna aliqua.
```

*Lorem ipsum dolor sit amet, con-
sectetur adipisicing elit, sed do
eiusmod tempor incididunt ut la-
bore et dolore magna aliqua.*

```
\textcalligra[Mainzer Stra\ss e]
```

Mainzer Straße

References

- [1] Gerd Neugebauer. Von „krakelig“ bis „wie gemalt“. *Die T_EXnische Komödie*, 1/96:25–42, June 1996.

3 Implementation

First we declare a new font family for the calligra font.

```
\DeclareFontFamily{T1}{calligra}{}
```

This font is only available in the normal shape. Here we can get the desired font by (silently) scaling the only present calligra15. The appropriate factor seems to be $\text{magstep } 2 = 1.44$.

```
\DeclareFontShape{T1}{calligra}{m}{n}{<->s*[1.44]callig15}{}
```

Now we define the font changing command.

`\calligra`

The macro `\calligra` selects the calligra family. Since the kerning of the β is terribly wrong we correct it within the macro `\ss`.

```
\DeclareRobustCommand\calligra{%
\renewcommand\ss{\symbol{255}\kern-.22em}%
\fontfamily{calligra}%
\fontencoding{T1}%
\selectfont}
```

`\textcalligra` The macro `\textcalligra` typesets its argument with the calligra font.

```
\newcommand\textcalligra[1]{\begingroup
\renewcommand\ss{\symbol{255}\kern-.22em}%
\fontfamily{calligra}%
\fontencoding{T1}%
\selectfont #1\endgroup}
```

Change History

v1.0		bust.	1
	General: First release.	v1.9	
v1.1		General: License clarified and ad-	
	General: Macro <code>textcalligra</code> added.	dress updated.	1
v1.2			
	General: Some commands made ro-		

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Numbers written in *italic* refer to the page where the corresponding entry is described; numbers underlined refer to the definition; numbers in *roman* refer to the pages where the entry is used.

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<code>\calligra</code>	<i>1, 2</i>	<code>\textcalligra</code>	<i>2, 3</i>