

The *Frutiger* Package

Frutiger Fonts for L^AT_EX2e

Andreas Knoblach

August 28, 2012

Contents

1	The Frutiger Fonts	2
2	Package Usage	2
2.1	Changing <code>\sffamily</code>	2
2.2	Providing a <code>\frutiger{}</code> Command	2
2.3	Changing <code>\familydefault</code>	3
3	Package Installation	3
3.1	Windows: MiKTeX	3
3.2	Linux: TeXLive	3
3.2.1	Installation by an User	4
3.2.2	Installation for all Users	4
	References	4

1 The Frutiger Fonts

Frutiger is a sans-serif typeface which was created by the Swiss Adrian Frutiger. The available Frutiger fonts within this package are compiled in table 1.

Table 1: Available Frutiger fonts

Shape	Series	Example
Upright	Medium	Die heiße Zypernsonne quälte Max und Victoria ja böse auf dem Weg bis zur Küste. 1234567890
Upright	Bold	Die heiße Zypernsonne quälte Max und Victoria ja böse auf dem Weg bis zur Küste. 1234567890
Italic	Medium	<i>Die heiße Zypernsonne quälte Max und Victoria ja böse auf dem Weg bis zur Küste. 1234567890</i>
Italic	Bold	<i>Die heiße Zypernsonne quälte Max und Victoria ja böse auf dem Weg bis zur Küste. 1234567890</i>
Slanted ¹	Medium	<i>Die heiße Zypernsonne quälte Max und Victoria ja böse auf dem Weg bis zur Küste. 1234567890</i>
Slanted ¹	Bold	<i>Die heiße Zypernsonne quälte Max und Victoria ja böse auf dem Weg bis zur Küste. 1234567890</i>
Small caps	Medium	DIE HEISSE ZYPERNSONNE QUÄLTE MAX UND VICTORIA JA BÖSE AUF DEM WEG BIS ZUR KÜSTE. 1234567890
Small caps	Bold	DIE HEISSE ZYPERNSONNE QUÄLTE MAX UND VICTORIA JA BÖSE AUF DEM WEG BIS ZUR KÜSTE. 1234567890

2 Package Usage

The Frutiger package can be easily used within L^AT_EX² and pdf-L^AT_EX by using the `\usepackage`-command. There are three possibilities to load the Frutiger package

2.1 Changing `\sffamily`

In order to redefine `\sffamily` load the Frutiger package without any options, i. e. by `\usepackage{frutiger}`. The Frutiger font can now be easily activated using `\sffamily`-command. Since this way of loading the Frutiger package effects every usage of `\sffamily` a consistent layout is produced.

2.2 Providing a `\frutiger{}` Command

In the case that Frutiger Fonts is to be only used in some few cases, the Frutiger package can be loaded by `\usepackage[command]{frutiger}`. Herewith only a `\frutiger{}`

¹Actually, there is no slanted shape of Frutiger available. Instead an italic shape is used.

²Note: The fonts are display wrong in the dvi-file but right in the ps- and pdf-file.

command is defined and no other changes are performed.

2.3 Changing `\familydefault`

In order to redefine `\familydefault` it is possible to load the Frutiger package with `\usepackage[family]{frutiger}`. In that case, `\sffamily` is redefined to Frutiger and `\familydefault` is redefined to `\sffamily`.

If you use the option `family` option, it is suggest to select a suitable non-serife math font, e.g. by `\usepackage{cmbright}`. It is important that you load the `cmbright` package before the `frutiger` package.

3 Package Installation

The installation procedure for the Frutiger package on different operating systems is explained in the following.

3.1 Windows: MiKTeX

In order to correctly install the Frutiger package on a Windows system with MikTeX the following steps have to be performed.

1. Copy the package to any desired path, e. g. to `D:\My-LaTeX-Templates\Frutiger\`. It is important that you do not change the directory structure.
2. Open the MikTeX Settings GUI and add the Frutiger package root path to the MikTeX root directory list. Click OK.
3. Update the font map files:
 - a) Open a DOS console window.
 - b) Run `initexmf --edit-config-file updmap` to edit the font config file.
 - c) Add the following lines:
`Map frutiger-pdf.map`
`Map frutiger-ps.map`
 - d) Save and close the configuration file.
 - e) Run `initexmf --mkmaps` to rebuild the font map files.³

3.2 Linux: TeXLive

For an installation with TeXLive a user specific installation and an installation for all users is possible. Both possibilities are explained in the following subsections.

³On some systems `initexmf --mkmaps` has to be executed after every restart of windows. In order to avoid this, you can add a suitable batch file to the Autostart folder in the Start Menu.

3.2.1 Installation by an User

1. Unpack the files into the user's `texmf/` directory. It is important that you do not change the directory structure.
2. Update the filename database by executing `mktxlsr`.
3. If you use Debian, you have to update the config files by running `update-updmap`.
4. Final you have to update the font maps. This is be done by calling `updmap`.

3.2.2 Installation for all Users

Please note: if you want to install the Frutiger package for all users, administrator rights are necessary.

1. Unpack the files to `/usr/local/share/texmf/`.
2. Update the filename database by executing `sudo mktexlsr`.
3. If you use Debian, you have to update the config files by `sudo update-updmap`.
4. Final you have to update the font maps by executing `sudo updmap-sys`.

References

Further information can be found at <http://www.macrotex.net/addfont.html>