

Figbas (Minifonts for Figured-Bass Ligatures)

Version 1.0.3

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1 Introduction

This package provides three Postscript Type 1 mini-fonts `cmrj`, `cmssj`, `plrj` (and associated map file and metric files) with just five “ligatures” for the combinations 2+, 4+, 5+, 6+, and 9+ used in figured-bass notation in baroque music. The fonts are intended for use with Computer Modern (`cmr`), Computer Modern Sans (`cmss`), and Palatino/Palladio (`plr`), respectively.

2 Installation

Unzip the archive `/install/fonts/figbas.tds.zip` at the root of a `texmf` hierarchy, preferably a “local” tree, such as `$HOME/texmf` or `/usr/local/share/texmf` on a Unix-like system or `C:\localtexmf` on a Windows system; the documentation of your \TeX distribution should tell you where to install new files.

3 Updating the Filename Database

Most \TeX systems improve the efficiency of file access by maintaining a data base of file names. The documentation of your \TeX distribution should tell you what you have to do to update this data base after adding new files. For example, on a `teTeX`-based system, execute

```
texhash
```

On a MikTeX system, execute

```
initexmf -u
```

or click on Options and then the Refresh button for the file-name database.

4 Configuring the Font Maps

\TeX systems maintain map files which associate font files with font names. The file `figbas.map` in the archive defines the appropriate associations for these fonts. The documentation of your

T_EX distribution should tell you what you have to do to add the associations in `figbas.map` to the global map file or files. For example, on a TeXLive system, execute

```
updmap --enable Map=figbas.map
```

or add `Map figbas.map` to the relevant `updmap.cfg` and run `updmap` (as a user) or `updmap-sys` (as root).

On a MikTeX system:

1. Run `initexmf --edit-config-file updmap` and add the following at the end of the file:
`Map figbas.map`
2. Save the file and exit Notepad.
3. Refresh the file-name database and run

```
initexmf --mkmaps
```

5 Using the Fonts

The fonts might be used in a T_EX-based format such as MusixTeX as follows:

```
% Uncomment one of the following three lines:
% \font\figfont=cmr7          \font\figplus=cmrj at 7pt
% \font\figfont=cmss8 at 7pt \font\figplus=cmssj at 7pt
% \font\figfont=pplr8r at 7pt \font\figplus=plrj at 7pt

\def\twopl{\figplus 2}
\def\fourpl{\figplus 4}
\def\fivepl{\figplus 5}
\def\sixpl{\figplus 6}
\def\ninepl{\figplus 9}
```

6 Licensing

`plrj.pfb` is based on glyphs from the Palladio L Roman font by

```
URW++ Design and Development Incorporated
Poppenbuetteler Bogen 29A
D-22399 Hamburg
Germany
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```

which is licensed under the GPL. The same license applies to `plrj.pfb`. The font may be embedded in non-GPLed documents. `cmrj.pfb` and `cmssj.pfb` are based on glyphs from the so-called “bluesky” type-1 version of Knuth’s Computer Modern Roman and Sans fonts. The copyright to these type-1 fonts is now held by the AMS but modification and distribution without their copyright notice is allowed; `cmrj.pfb` and `cmssj.pfb` are licensed under the LPPL.