

Figbas (Minifonts for Figured-Bass Ligatures)

Version 1.0.2

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1 Introduction

This package contains a zip file `figbas.tds.zip` providing 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 (`pplr`), respectively.

2 Installation

Unzip the archive 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

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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.