

Installation of the CTAN pmxchords Distribution

Bob Tennent
rdt@cs.queensu.ca

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1 Introduction

We assume that you have already installed a MusiXTeX distribution and PMX. Before trying to install pmxchords from CTAN, check whether your TeX distribution provides a package for pmxchords; this will be easier than doing it yourself. But if your TeX distribution doesn't have pmxchords (or doesn't have the most recent version), this distribution of pmxchords is very easy to install, though you may need to read the material on installation of (La)TeX files in the TeX FAQ¹, particularly the pages on which tree to use² and installing files³.

2 Installing pmxchords.tds.zip

In this distribution of pmxchords, most of the files to be installed (including macros, documentation, and a processing script) are in `tex-archive/install/support/pmxchords.tds.zip` at CTAN. The file `pmxchords.tds.zip` is a zipped TEXMF hierarchy; simply download it and unzip in the root folder/directory of whichever TEXMF tree you decide is most appropriate, likely a "local" or "personal" one. This should work with any TDS⁴ compliant TeX distribution, including MikTeX, TeXlive and teTeX.

After unzipping the archive, update the filename database as necessary, for example, by executing `texhash ~/texmf` or clicking the button labelled "Refresh FNDB" in the MikTeX settings program.

Documentation for pmxchords is installed under `doc/generic/pmx` in the TEXMF tree.

3 The Processing Script

The Lua script `.../scripts/pmx/pmxchords.lua` transposes chord symbols in the `pmx` file as necessary and then calls `pmxab`.

On a Unix-like system (with `texlua` installed), put a symbolic link `pmxchords` in any directory on the executable PATH as follows:

¹<http://www.tex.ac.uk/cgi-bin/texfaq2html>

²<http://www.tex.ac.uk/cgi-bin/texfaq2html?label=what-TDS>

³<http://www.tex.ac.uk/cgi-bin/texfaq2html?label=inst-wlcf>

⁴<http://www.tex.ac.uk/cgi-bin/texfaq2html?label=tds>

```
ln -s <path to pmxchords.lua> pmxchords
```

On Windows, you can *either* copy the batch file

```
Windows\pmxchords.bat
```

to a folder on the executable PATH *or* add the folder Windows to the executable PATH.

4 Testing

Copy `doc/pmxchords/example/noel/aj_co_to_hlasaju/aj_co_to_hlasaju.pmx` to a working directory and do

```
pmxchords aj_co_to_hlasaju
```

Then process the resulting `aj_co_to_hlasaju.tex` file as usual. The piece is in the key of F major.

Uncomment the line `K-2+2` in the `pmx` file and repeat as above; the piece should now be typeset in D major, with appropriate chords. If the line

```
\input chords
```

in the source file is replaced by

```
\input chordsCZ
```

the chord symbols will be in Czech style (e.g., `Hmi` instead of `Bmi`).

The macro calls for various chord symbols are displayed in the `chordsRef` and `chordsRefCZ` documents.