

**NAME**

`musixtex` – processes MusiXTeX files, using pre-processors `prepmx`, `pmxab` and `autosp` as necessary, and then deletes intermediate and log files (unless `-i` is used)

**SYNOPSIS**

[ `texlua` ] **musixtex**[.lua] { *option* | *jobname* [ `.mtx` | `.pmx` | `.aspc` | `.tex` | `.ltx` ] } ...

If a *jobname* argument has a `.tex` extension, the default effect is to process the file using

**etex**(1) (first pass)

**musixflx**(1) (second pass)

**etex**(1) (third pass)

**dvips**(1) (dvi to Postscript)

**ps2pdf**(1) (Postscript to Portable Document Format)

normally followed by removal of intermediate and log files. A log `musixtex.log` is generated, even if other log files are removed.

If a *jobname* argument has a `.pmx` extension, the file is first preprocessed using **pmxab**(1) and the resulting `.tex` file is processed as above.

If a *jobname* argument has a `.mtx` extension, the file is first preprocessed using **prepmx**(1) and the resulting `.pmx` file is processed as above.

If a *jobname* argument has a `.aspc` extension, the file is first preprocessed using **autosp**(1) and the resulting `.tex` file is processed as above.

If a *jobname* argument has a `.ltx` extension, the file is processed using **latex**(1) (or **pdflatex**(1)).

If a *jobname* argument has no extension, the script will look for a file *jobname*.mtx or *jobname*.pmx or *jobname*.aspc or *jobname*.tex or *jobname*.ltx, in that order, and process it as above.

**OPTIONS**

- v** output program name and version number, and quit
- h** output usage summary and quit
- l** assumes LaTeX source; implied if the file has `.ltx` extension
- p** changes the TeX processor to **pdfetex**(1) or **pdflatex**(1) (and doesn't run **dvips**(1) and **ps2pdf**(1) or **dvipdfm**(1) )
- c** preprocess pmx file using **pmxchords**(1)
- d** changes the dvi processor to **dvipdfm**(1)
- F fmt** uses **fmt** as the TeX processor
- m** stops processing at the pmx file
- t** stops processing at the tex/mid files
- s** stops processing at the dvi file
- g** stops processing at the ps file
- i** retain intermediate and log files
- 1** one-pass [pdf][la]tex processing; i.e., without calling **musixflx**

- x** call **makeindex(1)** to update index database
- f** restore default processing
- q** quiet mode (only musixtex's own messages); other messages are diverted to a temporary file. If an error occurs at the TeX stage, processing halts immediately and the tail of the log file is sent to stderr.

Options affect processing of all succeeding MusiXTeX files unless changed by another option. Option flags cannot be combined; e.g., use **-l -x** rather than **-lx**.

Note that four TeX engines are available via the **-l** and **-p** options:

```
etex    default
latex   -l
pdfetex -p
pdflatex -l -p
```

The **-F** option allows any engine to be named. In that case, an attempt is made to deduce implied **-l** and **-p** settings from the presence or absence of the strings 'latex' and 'pdf' in the name of the engine. If this is not correct, the user should explicitly specify the appropriate option.

#### SEE ALSO

**autosp(1)**, **etex(1)**, **latex(1)**, **pdfetex(1)**, **pdflatex(1)**, **makeindex(1)**, **musixflx(1)**, **dvipdfm(1)**, **dvips(1)**, **pmxab(1)**, **pmxchords(1)** **prepmx(1)**, **ps2pdf(1)** and **musixdoc.pdf**.

#### AUTHOR

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