

**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; e.g., **-F "luatex --output-format=dvi"**
- 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
- l** 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**. Version information is copied from the temporary file to the log file.

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
```

If the **-F** option is used, options **-l** and **-p** need to be set if the engine name does not contain "latex" and "pdf" respectively. For example, the above four engines can be replaced by:

```
-F "luatex --output-format=dvi"
-F "lualatex --output-format=dvi"
-F "luatex" -p
-F "lualatex" -p
```

## 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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