

NAME

epstopdf, repstopdf – convert an EPS file to PDF

SYNOPSIS

epstopdf [*options*] [*epsfile*]

DESCRIPTION

epstopdf transforms the Encapsulated PostScript file *epsfile* (or standard input) so that it is guaranteed to start at the 0,0 coordinate, and it sets a page size exactly corresponding to the BoundingBox. This means that when Ghostscript renders it, the result needs no cropping, and the PDF MediaBox is correct. By default, the result is piped to Ghostscript and a PDF version written.

If the bounding box is not right, of course, there are problems.

OPTIONS

Options may start with either "-" or "--", and may be unambiguously abbreviated. (It is best to use the full option name in scripts, though, to avoid possible collisions with new options in the future.)

--outfile=*file*

write result to *file*. If this option is not given, and **--nogs** or **--filter** is specified, write to standard output; otherwise, the default is to construct the output file name by replacing any extension in the input file with *.pdf*.

--[no]compress

use compression (default: on).

--[no]debug

write debugging info (default: off).

--[no]embed

embed fonts (default: on).

--[no]exact

scan ExactBoundingBox (default: off).

--[no]filter

read standard input and (unless **--outfile** is given) write standard output (default: off).

--[no]gs

run Ghostscript (default: on). With **--nogs**, output (to standard output by default) the PostScript that would normally be converted; that is, the input PostScript as modified by **epstopdf**.

--[no]hires

scan HiresBoundingBox (default: off).

--gscmd=*val*

pipe output to *val* (default: **gswin32c** on Windows, else **gs**)

--res=*dpi*

set image resolution (default: [use gs default])

--autorotate=*val*

set AutoRotatePages (default: None); recognized *val* choices: None, All, PageByPage. For EPS files, PageByPage is equivalent to All.

--restricted=val

turn on restricted mode (default: [on for repstopdf, else off]); this forbids the use of **--gscmd** and imposes restrictions on the input and output file names according to the values of `openin_any` and `openout_any` (see the Web2c manual, <http://tug.org/web2c>).

--help display help message and exit

--version

display version information and exit

EXAMPLES

Examples all equivalently producing "test.pdf":

```
epstopdf test.eps
```

```
cat test.eps | epstopdf --filter >test.pdf
```

```
cat test.eps | epstopdf -f -d -o=test.pdf
```

Example to look for `HiResBoundingBox` and produce corrected PostScript:

```
epstopdf -d --nogs --hires test.ps >testcorr.ps
```

BUGS

The case of "`%%BoundingBox: (atend)`" when input is not seekable (e.g., from a pipe) is not supported.

Report bugs in the program or this man page to tex-k@tug.org. When reporting bugs, please include an input file and the command line options specified, so the problem can be reproduced.

SEE ALSO

gs(1), **pdfcrop(1)**.

The `epstopdf` LaTeX package, part of the oberdiek bundle, which automates running this script on the fly under TeX: <http://ctan.org/pkg/epstopdf-pkg>.

AUTHOR

The script was originally written by Sebastian Rahtz, for Elsevier Science, with subsequent contributions from Thomas Esser, Gerben Wierda and many others. Currently maintained by Karl Berry.

Man page originally written by Jim Van Zandt.

`epstopdf` home page: <http://tug.org/epstopdf>.

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