NAME
  dvipdfm – Produce PDF files directly from DVI files

SYNOPSIS
  dvipdfm [*options*] *file*[.dvi]

DESCRIPTION
  The program **dvipdfm** generates a PDF file from a DVI file. DVI files are the output format produced by TeX. Output from **groff** can be converted to DVI format using **grodvi**.

  The program **dvipdfm** recognizes several commonly used **\special** commands, which are extensions to the DVI format. Specifically, it understands color specials, papersize specials, tpic specials (which allow it to be used with **pic**), hypertex specials, and some PostScript specials. These extensions allow documents to contain color, figures, and hyperlinks. The program tries to mimic the behavior of **dvips** so that many macro packages produced for use with **dvips** will work with **dvipdfm.** Dvipdfm understands its own specific **\special** commands to allow access to PDF features such as annotations and bookmarks. For more details, consult the *Dvipdfm User's Manual,* which is distributed with **dvipdfm.**

OPTIONS
  −**c**   Ignore color **\specials**. The −**c** toggles a flag that disables color **\special** processing. Unless changed in the configuration file, that flag is off, and color **\special**s are interpreted normally. The −**c** option may be used to produce a black and white document from a document containing color TeX **\special** commands.

  −**d**   Remove thumbnail images after including them. (See the −**t** option for more information.)

  −**e**   Toggle partial font embedding flag. If partial font embedding is off, embedded fonts are *fully* embedded. The default, if not changed in the configuration file, is to embed only those glyphs actually used in the document.

  −**f map_file**
       Set the name of the font map file to *map_file*. The format of the font map file is documented in the *Dvipdfm User's Manual*.

  −**l**   Select landscape mode. In other words, exchange the *x* and *y* dimensions of the paper.

  −**m mag**
       Magnify the input document by *mag*.

  −**o name**
       Generate PDF output file having the name *name*. By default, the name of the output file is *file*.pdf.

  −**p paper**
       Select the papersize by name (e.g., **letter**, **legal**, **ledger**, **tabloid**, **a3**, **a4**, **a5**, **a6**, **b3**, **b4**, **b5**, **b6**, or **b5var**)

  −**r size**
       Set resolution of bitmapped fonts to **size** dots per inch. Bitmapped fonts are generated by the Kpathsea library, which uses MetaFont. Bitmapped fonts are included as type 3 fonts in the PDF output file.

−s page_specifications
>   Select the pages of the DVI file to be converted. The *page_specifications* consists of a comma sepa-
>   rated list of *page_ranges:*
>
>   *page_specifications := page_specification*[, *page_specifications*]
>
>   where
>
>   *page_specification := single_page*|*page_range*
>
>   *page_range := *[*first_page*]−[*last_page*]
>
>   An empty *first_page* is implied to be the first page of the DVI file. An empty *last_page* is treated as
>   the last page of the DVI file.
>
>   Examples:
>
>   **−s 1,3,5**
>>   includes pages 1, 3, and 5;
>
>   **−s −** includes all pages;
>
>   **−s −,−**
>>   includes two copies of all pages in the DVI file; and
>
>   **−s 1−10**
>>   includes the first ten pages of the DVI file.

−t   Search for thumbnail images of each page in the directory named by the **TMP** environment variable.
>   The thumbnail images must be named in a specific format. They must have the same base name as
>   the DVI file and they must have the page number as the extension to the file name. Dvipdfm does not
>   generate the thumbnails itself, but it is distributed with a wrapper program named **dvipdft** that does
>   so.

−v   Increase verbosity. Results of the **−v** option are cumulative (e.g., **−vv**) increases the verbosity by
>   two increments.

−x x_offset
>   Set the left margin to *x_offset* **1.0in**. The dimension may be specified in any units understood by TeX
>   (e.g., **bpt**, **pt**, **in**, **cm**)

−y y_offset
>   Set the top margin to *y_offset* **1.0in**. The dimension may be specified in any units understood by TeX
>   (e.g., **bpt**, **pt**, **in**, **cm**)

−z compression_level
>   Set the compression level to *compression_level*. Compressions levels range from 0 (no compression)
>   to 9 (maximum compression) and correspond to the values understood by zlib.

ENVIRONMENT
>   **Dvipdfm** uses the **kpathsea** library for locating the files that it opens. Hence, the environment variables
>   documented in the *Kpathsea library* documentation influence **dvipdfm.**
>
>   Dvipdfm also reads the following environment variables:

TMP
> The directory to search for thumbnail images of each page.

FILES
> The precise location of the following files is determined by the *Kpathsea library* configuration. The location may be determined by using kpsewhich, e.g.,
> **kpsewhich –progname=dvipdfm –format='other text files' config**

> *config*
>> Startup options

> *t1fonts.map*
>> The default font map file (this name may be changed in the config file).

> **.tfm*
>> TeX font metrics

> **.vf*   TeX virtual font files

> **.pfb*
>> PostScript Type 1 font files

> *texmf.cnf*
>> The Kpathsea library configuration file. The location of this file may be found by typing
>> **kpsewhich texmf.cnf**

SEE ALSO
> **tex**(1), **dvips**(1), **groff**(1), **grodvi**(1), **pic**(1), and the *Kpathsea library* info documentation.

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