NAME

djvups - Convert DjVu documents to PostScript.

SYNOPSIS

djvups [*options*] [*djvufile*] [*outputfile*]

DESCRIPTION

This program decodes DjVu file *djvufile*, and generates a PostScript file named *outputfile*. The DjVu data is read from the standard input when argument *djvufile* is not specified or when it is equal to a single dash. Similarly, the output data is written to the standard output when argument *outputfile* is not specified or equal to a single dash.

PostScript printers have various capabilities. Investigate options **-level** and **-gray** for obtaining the best results.

OPTIONS

-help

Prints the list of recognized options.

-verbose

Displays a progress bar.

-page=*pagespec*

Specify the document pages to be converted. The page specification *pagespec* contains one or more comma-separated page ranges. A page range is either a page number, or two page numbers separated by a dash. Specification **1-10**, for instance, prints pages 1 to 10. Specification **1,3,99999-4** prints pages 1 and 3, followed by all the document pages in reverse order up to page 4.

-format=ps

Produce a PostScript file. This is the default.

-format=eps

Produce an Encapsulated PostScript file. Encapsulated PostScript files are suitable for embedding images into other documents. Encapsulated PostScript file can only contain a single page. Setting this option overrides the options **-copies**, **-orientation**, **-zoom**, **-cropmarks**, and **-booklet**.

-copies=*n*

Specify the number of copies to print.

-orientation=*orient*
    Specify whether pages should be printed using the **auto**, **portrait**, or **landscape** orientation.

-mode=*modespec*
    Specify how pages should be decoded. The default mode, **color**, renders all the layers of the DjVu documents. Mode **black** only renders the foreground layer mask. This mode does not work with DjVuPhoto images because these files have no foreground layer mask. Modes **foreground** and **background** only render the foreground layer or the background layer of a DjVuDocument image.

-zoom=*zoomspec*
    Specify a zoom factor *zoomspec*. The default zoom factor, **auto**, scales the image to fit the page. Argument *zoomspec* also can be a number in range **25** to **2400** representing a magnification percentage relative to the original size of the document.

-frame=*yesno*
    Specifying **yes** causes the generation of a thin gray border representing the boundaries of the document pages. The default is **no**.

-cropmarks=*yesno*
    Specifying **yes** causes the generation of crop marks indicating where pages should be cut. The default is **no**.

-level=*languagelevel*
    Select the language level of the generated PostScript. *languagelevel*. Valid language levels are **1**, **2**, and **3**. Level **3** produces the most compact and fast printing PostScript files. Some of these files however require a very modern printer. Level **2** is the default value. The generated PostScript files are almost as compact and work with all but the oldest PostScript printers. Level **1** can be used as a last resort option.

-color=*yesno*
    The default value, **yes**, generates a color PostScript file. Specifying value **no** converts the image to gray scale. The resulting PostScript file is smaller and marginally more portable.

-gray
    This option is equivalent to option **-color=no** and is provided for convenience.

-colormatch=*yesno*
    The default value, **yes**, generates a PostScript file using device independent colors in compliance

with the sRGB specification. Modern printers then produce colors that match the original as well as possible. Specifying value **no** generates a PostScript file using device dependent colors. This is sometimes useful with older printers. You can then use option **-gamma** to tune the output colors.

-gamma=*gammaspec*
> Specify a gamma correction factor for the device dependent PostScript colors. Argument *gammaspec* must be in range **0.3** to **5.0**. Gamma correction normally pertains to cathodic screens only. It gets meaningful for printers because several models interpret device dependent RGB colors by emulating the color response of a cathodic tube.

-booklet=*opt*
> Turns the booklet printing mode on. The booklet mode prints two pages on each side in a way suitable for making a booklet by folding the sheets. Option *opt* can take values **no** for disabling the booklet mode, **yes** for enabling the recto/verso booklet mode, and **recto** or **verso** to print only one side of each sheet.

-bookletmax=*max*
> Specifies the maximal number of pages per booklet. A single printout might then be composed of several booklets. Argument *max* is rounded up to the next multiple of 4. Specifying **0** sets no maximal number of pages and ensures that the printout will produce a single booklet. This is the default.

-bookletalign=*align*
> Specifies a positive or negative offset applied to the verso of each sheet. Argument *align* is expressed in points (one point is 1/72th of an inch, or 0.352 millimeter) This is useful with certain printers to ensure that both recto and verso are properly aligned. The default value is of course **0**.

-bookletfold=*base[+incr]*
> Specifies the extra margin left between both pages on a single sheet. The base value *base* is expressed in points (one point is 1/72th of an inch, or 0.352 millimeter). This margin is incremented for each outer sheet by value *incr* expressed in millipoints. The default value is **18**+**200**.

CREDITS
This program was written by Lèon Bottou <leonb@users.sourceforge.net>, Andrei Erofeev <andrew_erofeev@yahoo.com>, and Florin Nicsa.

SEE ALSO

djvu(1), **ddjvu**(1). **djview**(1)