Pnmtorle User Manual

PNMTORLE

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NAME

pnmtorle - convert a Netpbm image file into an RLE image file.

SYNOPSIS

pnmtorle [**-h**] [**-v**] [**-a**] [**-o** *outfile*] [*pnmfile*]

DESCRIPTION

This program is part of Netpbm.

This program converts Netpbm image files into Utah RLE image files. You can include an alpha mask. If the input is a multiple image file, the output consists of several concatenated RLE images.

The RLE file will contain either a three channel color image (24 bits) or a single channel grayscale image (8 bits) depending upon the pnm file depth. If a converted ppm is displayed on an 8 bit display, the image must be dithered. In order to produce a better looking image (on 8 bit displays), it is recommended that the image be quantizing (to 8 bit mapped color) prior to its display. This may be done by piping the output of this program into the Utah **mcut** or **rlequant** utilities. We show an example of this later.

OPTIONS

-v This option will cause **pnmtorle** to operate in verbose mode. The header information is written to "stderr". Actually, there is not much header information stored in a Netpbm file, so this information is minimal.

-h This option allows the header of the Netpbm image to be dumped to "stderr" without converting the file. It is equivalent to using the -v option except that no file conversion takes place.

-a This option causes **pnmtorle** to include an alpha channel in the output image. The alpha channel is based on the image: Wherever a pixel is black, the corresponding alpha value is transparent. Everywhere else, the alpha value is fully opaque.

-o *outfile*If you specify this option, **pnmtorle** writes the output to this file. If *outfile* is **-** or you don't specify **-o**, **pnmtorle** writes the output to Standard Output.

*pnmfile*The name of the Netpbm image data file to be converted. If not specified, standard input is assumed.

EXAMPLES

```
pnmtorle -v file.ppm -o file.rle
```

While running in verbose mode, convert file.ppm to RLE format and store resulting data in file.rle.

```
pnmtorle -h file.pgm
```

Dump the header information of the Netpbm file called file.pgm.

SEE ALSO

rletopnm

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