Palmtopnm User Manual

palmtopnm

Updated: 26 January 2005
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NAME

palmtopnm - convert a Palm Bitmap to a PNM image

SYNOPSIS

palmtopnm [**-verbose**] [**-rendition** *N*] [**-showhist**]
[*palmfile*]
palmtopnm -transparent [**-verbose**] [*palmfile*]

DESCRIPTION

This program is part of Netpbm.

palmtopnm reads a Palm Bitmap as input, from Standard Input or *palmfile* and produces a PPM image as output.

Alternatively (when you specify **-transparent**), **palmtopnm** writes the value of the transparent color in the Palm Bitmap to Standard Output.

Palmtopnm can convert Palm Bitmaps with the following features. This does not mean that it doesn't handle other features. These are just the ones we found worth mentioning.

Version 0

Version 1

Version 2

Version 3 (new in Netpbm 10.27 (March 2005))

Scanline compression

RLE compression

Packbits compression (new in Netpbm 10.27 (March 2005))

OPTIONS

-verbose Display various interesting information about the input file and process.

-transparent If the Palm Bitmap has a transparent color set, **palmtopnm** writes the value for that color to Standard Output in the form #RRGGBB, where RR, GG, and BB are two-digit hexadecimal numbers indicating a value in the range 0 through 255. If no transparent color is set in the Bitmap, **palmtopnm** writes nothing. **palmtopnm** does not generate any output image when you specify **-transparent**.

-rendition N Palm Bitmaps may contain several different renditions of the same image, with different depths. By default, **palmtopnm** operates on the first rendition (rendition number 1) in the image. This switch allows you to operate on a different rendition. The value must be between 1 and the number of renditions in the image, inclusive.

-showhist This option causes **palmtopnm** to write a histogram of colors in the input file to Standard Error.

SEE ALSO

pnmtopalm, pnm, PalmOS Reference, PalmOS Companion.

LIMITATIONS

You cannot generate an alpha mask if the Palm Bitmap has a transparent color. However, you can still do this with **ppmcolormask** with a Netpbm pipe similar to:

palmtopnm bitmap.palm | ppmcolormask 'palmtopnm -transparent bitmap.palm'

HISTORY

Before Netpbm 10.23 (July 2004), there was a **-forceplain** option. But that had been redundant for a long time, since the Netpbm common option **-plain** does the same thing.

AUTHORS

This program was originally written as Tbmptopnm.c, by Ian Goldberg. It was heavily modified by Bill Janssen to add color, compression, and transparency function.

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