Ppmdist User Manual

ppmdist

Updated: 22 July 1992
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NAME

ppmdist - simplistic grayscale assignment for machine generated, color images

SYNOPSIS

ppmdist [**-intensity**|**-frequency**] [*ppmfile*]

DESCRIPTION

This program is part of Netpbm.

ppmdist reads a PPM image as input and performs a simplistic grayscale assignment intended for use with grayscale or bitmap printers.

Often conversion from ppm to pgm will yield an image with contrast too low for good printer output. The program maximizes contrast between the gray levels output.

A ppm input of n colors is read, and a pgm of n gray levels is written. The gray levels take on the values 0..n-1, while maxval takes on n-1.

The mapping from color to stepped grayscale can be performed in order of input pixel intensity, or input pixel frequency (number of repetitions).

This program is helpful only for images with a very small number of colors.

OPTIONS

-frequency Sort input colors by the number of times a color appears in the input, before mapping to evenly distributed graylevels of output.

-intensity Sort input colors by their grayscale intensity, before mapping to evenly distributed graylevels of output. This is the default.

SEE ALSO

ppmtopgm, ppmhist, ppm

AUTHOR

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