

NAME

ppmhist - print a histogram of a portable pixmap

SYNOPSIS

ppmhist [-hexcolor] [-noheader] [-map] [-nomap] [-sort={frequency,rgb}] [*ppmfile*]

DESCRIPTION

Reads a PPM image as input. Generates a histogram of the colors in the image, i.e. a list of all the colors and how many pixels of each color are in the image.

OPTIONS

-sort={frequency,rgb}

The **-sort** option determines the order in which the colors are listed in the output. **frequency** means to list them in order of how pixels in the input image have the color, with the most represented colors first. **rgb** means to sort them first by the intensity of the red component of the color, then of the green, then of the blue, with the least intense first.

The default is **frequency**.

-hexcolor

Print the color components in hexadecimal. Default is decimal.

-noheader

Do not print the column headings.

-map

Generates a PPM file of the colormap for the image, with the color histogram as comments.

-nomap

Generates the histogram for human reading. This is the default.

SEE ALSO

ppm(5), **pgmhist(1)**, **ppmtomap(1)**, **pnmhistmap(1)**, **ppmchange(1)**

AUTHOR

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