Pamdice User Manual

pamdice

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NAME

pamdice - slice a Netpbm image into many horizontally and/or vertically

SYNOPSIS

pamdice **-outstem=***filenamestem* [**-width=***width*] [**-height=***height*] [**-hoverlap=***hoverlap*] [**-voverlap=***voverlap*] [**-verbose**] [*filename*]

You can use the minimum unique abbreviation of the options. You can use two hyphens instead of one. You can separate an option name from its value with white space instead of an equals sign.

DESCRIPTION

This program is part of Netpbm.

pamdice reads a PAM, PBM, PGM, or PPM image as input and splits it horizontally and/or vertically into equal size pieces and writes them into separate files as the same kind of image. You can optionally make the pieces overlap.

See the **-outstem** option for information on naming of the output files.

The **-width** and **-height** options determine the size of the output pieces.

pnmcat can rejoin the images.

One use for this is to make pieces that take less computer resources than the whole image to process. For example, you might have an image so large that an image editor can't read it all into memory or processes it very slowly. With **pamdice**, you can split it into smaller pieces, edit one a time, and then reassemble them.

Another use for this is to print a large image in small printer-sized pieces that you can glue together. **ppmglobe** does a similar thing; it lets you glue the pieces together into a sphere.

OPTIONS

-outstem=filenamestemThis option determines the names of the output files. Each output file is named *filenamestem_y_x***.***type* where *filenamestem* is the value of the **-outstem** option, *x* and y are the horizontal and vertical locations, respectively, in the input image of the output image, zero being the leftmost and top, and *type* is **.pbm**, **.pgm**,

-width=*width*gives the width in pixels of the output images. The rightmost pieces are smaller than this if the input image is not a multiple of *width* pixels wide.

-height=*height*gives the height in pixels of the output images. The bottom pieces are smaller than this if the input image is not a multiple of *height* pixels high.

-hoverlap=*hoverlap*gives the horizontal overlap in pixels between output images. Each image in a row will overlap the previous one by *hoverlap* pixels. By default, there is no overlap.

This option was new in Netpbm 10.23 (July 2004).

-voverlap=*voverlap*gives the vertical overlap in pixels between output images. Each row of images

will overlap the previous row by *voverlap* pixels. By default, there is no overlap. This option was new in Netpbm 10.23 (July 2004).

-verbose Print information about the processing to Standard Error.

HISTORY

Before Netpbm 10.29 (August 2005), there was a limit of 100 slices in each direction.

SEE ALSO

pamcut, **pnmcat**, **pgmslice**, **ppmglobe pnm pnm**

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