Pnmpaste User Manual

pnmpaste

Updated: 21 February 1991
Table Of Contents

NAME

pnmpaste - paste a rectangle into a PNM image

SYNOPSIS

pnmpaste [**-replace**|**-or**|**-and**|**-xor**] *frompnmfile x y* [*intopnmfile*]

DESCRIPTION

This program is part of Netpbm.

pnmpaste reads two PNM images as input and inserts the first image (the "pasted image") into the second (the "base image") at the specified location, and produces a PNM image the same size and type as the base image as output. If you don't specify the second file, **pnmpaste** reads the base image from Standard Input.

x and *y* specify the location in the base image at which to put the top left corner of the pasted image, *x* giving the horizontal position and *x* giving the vertical position. A nonnegative value indicates the number of pixels right of the right edge or below the top edge of the base image, while a negative value indicates the number of pixels right of the right edge or below the bottom edge (so x = -5 means 5 pixels left of the right edge).

If any part of the pasted image does not fit within the base image, **pnmpaste** fails.

This tool is most useful in combination with *pamcut*. For instance, if you want to edit a small segment of a large image, and your image editor cannot edit the large image, you can cut out the segment you are interested in, edit it, and then paste it back in.

Another useful companion tool is **pbmmask**.

pamcomp is a more general tool, except that it lacks the "or," "and," and "xor" functions. **pamcomp** allows you to specify an alpha mask in order to have only part of the inserted image get inserted. So the inserted pixels need not be a rectangle. You can also have the inserted image be translucent, so the resulting image is a mixture of the inserted image and the base image.

OPTIONS

The option specifies the operation to use when doing the paste. The default is **-replace**. The other logical operations are only allowed if both input images are PBM images. These operations act as if white is TRUE and black is FALSE.

You can abbreviate all options to their shortest unique prefix.

SEE ALSO

pamcomp, **pamcut**, **pnminvert**, **pnmarith**, **pbmmask**, **pnm**

AUTHOR

Copyright (C) 1989, 1991 by Jef Poskanzer.

Table Of Contents

NAME
SYNOPSIS
DESCRIPTION
OPTIONS
SEE ALSO
AUTHOR