Pamenlarge User Manual

pamenlarge

Updated: 26 September 2004
Table Of Contents

NAME

pamenlarge - Enlarge a Netpbm image N times

SYNOPSIS

pamenlarge *N* [*pnmfile*]

DESCRIPTION

This program is part of Netpbm.

pamenlarge reads a Netpbm image as input, replicates its pixels *N* times, and produces a Netpbm image as output. The output is the same type of image as the input.

If you enlarge by a factor of 3 or more, you should probably add a **pnmsmooth** step; otherwise, you can see the original pixels in the resulting image.

pamenlarge can enlarge only by integer factors. The slower but more general **pamscale** can enlarge or reduce by arbitrary factors. **pamscale** allows you to enlarge by resampling, which gives you smoother enlargements. But it is much slower.

pamstretch is another enlarging program that enlarges by integer factors. It does a simple kind of resampling that gives you a smoothed enlargement with less computational cost.

pbmreduce can reduce by integer factors, but only for PBM images.

HISTORY

pamenlarge was new in Netpbm 10.25 (October 2004). It is designed as a replacement for **pnmenlarge** by Jef Poskanzer, which was in Pbmplus as far back as 1989. The major difference is that **pamenlarge** can enlarge PAM format images in addition to PNM.

SEE ALSO

pbmreduce, pamscale, pamstretch, pnmsmooth, pnm

AUTHOR

Copyright (C) 1989 by Jef Poskanzer.

Table Of Contents

NAME
SYNOPSIS
DESCRIPTION
SEE ALSO

AUTHOR