

NAME

pbmfilters - list of all programs in the netpbm package

DESCRIPTION**411toppm**

convert Sony Mavica .411 image to ppm

anytopnm

attempt to convert an unknown type of image file to a portable anymap

asciitopgm

convert ASCII graphics into a portable graymap

atktopbm

convert Andrew Toolkit raster object to portable bitmap

bioradtopgm

convert a Biorad confocal file into a portable graymap

bmptopnm

convert a BMP file into a portable anymap

bmptoppm (deprecated)

is replaced by bmptopnm(1)

brushtopbm

convert a doodle brush file into a portable bitmap

cmuwmtopbm

convert a CMU window manager bitmap into a portable bitmap

eyuvtoppm

convert a Berkeley YUV file to a portable pixmap file

fiascotopnm

Convert compressed FIASCO image to PGM, or PPM

fitstopnm

convert a FITS file into a portable anymap

fstopgm

convert a Usenix FaceSaver(tm) file into a portable graymap

g3topbm

convert a Group 3 fax file into a portable bitmap

gemtopbm (deprecated)

is replaced by gemtopnm(1)

gemtopnm

convert a GEM .img file into a portable anymap

giftopnm

convert a GIF file into a portable anymap

gouldtoppm

convert Gould scanner file into a portable pixmap

hipstopgm

convert a HIPS file into a portable graymap

icontopbm

convert a Sun icon into a portable bitmap

ilbmtoppm

convert an ILBM file into a portable pixmap

- imgtoppm**
convert an Img-whatnot file into a portable pixmap
- jpegtopnm**
convert JPEG/JFIF file to portable pixmap or graymap
- leaftoppm**
convert Interleaf image format to a portable anymap
- lispmtopgm**
convert a Lisp Machine bitmap file into pgm format
- macptopbm**
convert a MacPaint file into a portable bitmap
- mdatopbm**
convert a Microdesign .mda or .mdp file into a portable bitmap
- mgrtopbm**
convert a MGR bitmap into a portable bitmap
- mtvtoppm**
convert output from the MTV or PRT ray tracers into a portable pixmap
- neotoppm**
convert an Atari Neochrome .neo into a portable pixmap
- palmtopnm**
convert a Palm pixmap into a portable anymap
- pamcut**
cut a rectangle out of a PAM, PBM, PGM, or PPM image
- pamdeinterlace**
remove ever other row from a PAM/PNM image
- pamdice**
slice a Netpbm image into many horizontally and/or vertically
- pamfile**
describe a Netpbm (PAM or PNM) file
- pamoil** turn a PAM image into an oil painting
- pamstack**
stack planes of multiple PAM images into one PAM image
- pamstretch-gen**
use pamstretch and pnmscale to scale by non-integer values
- pamstretch**
scale up a PNM or PAM image by interpolating between pixels
- pbmclean**
flip isolated pixels in portable bitmap
- pbmlife**
apply Conway's rules of Life to a portable bitmap
- pbmmake**
create a blank bitmap of a specified size
- pbmmask**
create a mask bitmap from a regular bitmap
- pbmpage**
create a one page test pattern for printing

pbmpscale
enlarge a portable bitmap with edge smoothing

pbmreduce
read a portable bitmap and reduce it N times

pbmtext
render text into a bitmap

pbmtextps
render text into a bitmap via postscript

pbmto10x
convert a portable bitmap into Gemini 10X printer graphics

pbmtoascii
convert a portable bitmap into ASCII graphics

pbmtoatk
convert portable bitmap to Andrew Toolkit raster object

pbmtobbnbg
convert a portable bitmap into BitGraph graphics

pbmtocmuwm
convert a portable bitmap into a CMU window manager bitmap

pbmtoepsi
convert a portable bitmap into an encapsulated PostScript

pbmtoepson
convert a portable bitmap into Epson printer graphics

pbmtog3
convert a portable bitmap into a Group 3 fax file

pbmtogem
convert a portable bitmap into a GEM .img file

pbmtogo
convert a portable bitmap into compressed GraphOn graphics

pbmtoicon
convert a portable bitmap into a Sun icon

pbmtolj
convert a portable bitmap into HP LaserJet format

pbmtomacp
convert a portable bitmap into a MacPaint file

pbmtomda
convert a portable bitmap to a Microdesign .mda

pbmtomgr
convert a portable bitmap into a MGR bitmap

pbmtonokia
convert a portable bitmap to Nokia Smart Messaging Formats

pbmtopgm
convert portable bitmap to portable graymap by averaging areas

pbmtopi3
convert a portable bitmap into an Atari Degas .pi3 file

- pbmtoplot**
convert a portable bitmap into a Unix plot(5) file
- pbmtoppa**
convert PBM image to HP Printer Performance Architecture (PPA)
- pbmtopsg3**
convert PBM images to Postscript with G3 fax compression
- pbmtoptx**
convert a portable bitmap into Printronix printer graphics
- pbmtowbmp**
convert a portable bitmap to a wireless bitmap (wbmp) file
- pbmtox10bm**
convert a portable bitmap into an X10 bitmap
- pbmtoxbm**
convert a portable bitmap into an X11 bitmap
- pbmtoybm**
convert a portable bitmap into a Bennet Yee "face" file
- pbmtozinc**
convert a portable bitmap into a Zinc bitmap
- pbmupe**
create a Universal Product Code bitmap
- pcxtoppm**
convert a PCX file into a portable pixmap
- pgmbentley**
Bentleyize a portable graymap
- pgmcrater**
create cratered terrain by fractal forgery
- pgmedge**
edge-detect a portable graymap
- pgmenhance**
edge-enhance a portable graymap
- pgmhist**
print a histogram of the values in a portable graymap
- pgmkernel**
generate a convolution kernel
- pgmnoise**
create a graymap made up of white noise
- pgmnorm (deprecated)**
is replaced by pnmnorm(1)
- pgmoil (deprecated)**
is replaced by pamoil(1)
- pgmramp**
generate a grayscale ramp
- pgmslice**
extract one line of pixel values out of a portable graymap

pgmtexture
calculate textural features on a portable graymap

pgmtofs
convert portable graymap to Usenix FaceSaver(tm) format

pgmtolispm
convert a portable graymap into Lisp Machine format

pgmtopbm
convert a portable graymap into a portable bitmap

pgmtoppm
colorize a portable graymap into a portable pixmap

pi1toppm
convert an Atari Degas .pi1 into a portable pixmap

pi3topbm
convert an Atari Degas .pi3 file into a portable bitmap

pjtoppm
convert an HP PaintJet file to a portable pixmap

pngtopnm
convert a Portable Network Graphics file into portable anymap

pnmalias
antialias a portable anyumap.

pnmarith
perform arithmetic on two portable anymaps

pnmcats
concatenate portable anymaps

pnmcolormap
create quantization color map for a portable anymap

pnmcomp
composite (overlay) two portable anymap files together

pnmconvol
general MxN convolution on a portable anymap

pnmcrop
crop a portable anymap

pnmcut
cut a rectangle out of a portable anymap

pnmdepth
change the maxval in a portable anymap

pnmenlarge
read a portable anymap and enlarge it N times

pnmfile
describe a portable anymap

pnmflip
perform one or more flip operations on a portable anymap

pnmgamma
perform gamma correction on a portable anymap

pnmhisteq
histogram equalise a portable anymap

pnmhistmap
draw a histogram for a PGM or PPM file

pnmindex
build a visual index of a bunch of anymaps

pnminterp-gen (deprecated)
is replaced by pamstretch-gen(1)

pnminterp (deprecated)
is replaced by pamstretch(1)

pnminvert
invert a portable anymap

pnmmargin
add a border to a portable anymap

pnmontage
create a montage of portable anymaps

pnmnlfilt
non-linear filters: smooth, alpha trim mean, optimal

pnmnoraw (deprecated)
is replaced by pnmtoplainpnm(1)

pnmnorm
normalize the contrast in a Netbpm image

pnmypad
add borders to portable anymap

pnpaste
paste a rectangle into a portable anymap

pnmgsnr
compute the difference between two portable anymaps

pnmquant
quantize the colors in a Netpbm image to a smaller set

pnmremap
replace colors in a PPM image with colors from another set

pnmrotate
rotate a portable anymap by some angle

pnmyscale
scale a portable anymap

pnmyscalefixed
scale a portable anymap quickly, but less accurate

pnmshrink
shear a portable anymap by some angle

pnmsmooth
smooth out an image

pnm-split
split a multi-image portable anymap into multiple single-image files

pnmtile
replicate a portable anymap into a specified size

pnmtooddif
Convert a portable anymap to DDIF format

pnmtofiasco
Convert a portable anymap to FIASCO compressed file

pnmtofits
convert a portable anymap into FITS format

pnmtojpeg
convert PNM image to a JFIF ("JPEG") image

pnmtopalm
convert a portable anymap into a Palm pixmap

pnmtoplainpnm
convert portable any map to plain (ASCII) anymap format

pnmtopng
convert a portable anymap into a Portable Network Graphics file

pnmtops
convert portable anymap to PostScript

pnmtorast
convert a portable pixmap into a Sun rasterfile

pnmtorle
convert a Netpbm image file into an RLE image file.

pnmtosgi
convert a portable anymap to a SGI image file

pnmtoisir
convert a portable anymap into a Solitaire format

pnmtotiff
convert a portable anymap into a TIFF file

pnmtotiffcmyk
convert a portable anymap into a CMYK encoded TIFF file

pnmtoxwd
convert a portable anymap into an X11 window dump

ppm3d convert two portable pixmap into a red/blue 3d glasses pixmap

ppmbrighten
change an images Saturation and Value from an HSV map

ppmchange
change all pixels of one color to another in a portable pixmap

ppmcie
draw a CIE color chart as a PPM image

ppmcolormask
produce mask of areas of a certain color in a PPM file

ppmcolors
generate a color map of all colors of a certain maxval

ppmdim
dim a portable pixmap down to total blackness

- ppmdist**
simplistic grayscale assignment for machine generated, color images
- ppmdither**
ordered dither for color images
- ppmfade**
generate a transition between two image files using special effects.
- ppmflash**
brighten a picture up to complete white-out
- ppmforge**
fractal forgeries of clouds, planets, and starry skies
- ppmhist**
print a histogram of a portable pixmap
- ppmlabel**
add text to a portable pixmap
- ppmmake**
create a pixmap of a specified size and color
- ppmmix**
blend together two portable pixmaps
- ppmnorm (deprecated)**
is replaced by pnmnorm(1)
- ppmntsc**
make a portable pixmap look like taken from an American TV
- ppmpat**
make a pretty pixmap
- ppmquant**
quantize the colors in a portable pixmap down to a specified number
- ppmquantall**
run ppmquant on a bunch of files all at once, so they share a common colormap
- ppmqvga**
8 plane quantization
- ppmrainbow**
Generate a rainbow
- ppmrelief**
run a Laplacian relief filter on a portable pixmap
- ppmshadow**
add simulated shadows to a portable pixmap image
- ppmshift**
shift lines of a portable pixmap left or right by a random amount
- ppmspread**
displace a portable pixmap's pixels by a random amount
- ppmtoacad**
convert portable pixmap to AutoCAD database or slide
- ppmtobmp**
convert a portable pixmap into a BMP file

ppmtoeyuv
convert a portable pixmap into a Berkeley YUV file

ppmtogif
convert a portable pixmap into a GIF file

ppmtoicr
convert a portable pixmap into NCSA ICR format

ppmtoilbm
convert a portable pixmap into an ILBM file

ppmtjpeg (deprecated)
is replaced by pnmtjpeg(1)

ppmtoleaf
convert portable pixmap to Interleaf image format

ppmtolj
convert a portable pixmap to an HP LaserJet PCL 5 Color file

ppmtomap
extract all colors from a portable pixmap

ppmtomitsu
convert a portable pixmap to a Mitsubishi S340-10 file

ppmtompeg
encodes MPEG-1 bitstreams

ppmtoneo
convert a portable pixmap into an Atari Neochrome .neo file

ppmtopcx
convert a portable pixmap into a PCX file

ppmtopgm
convert a portable pixmap into a portable graymap

ppmtopi1
convert a portable pixmap into an Atari Degas .pi1 file

ppmtopict
convert a portable pixmap into a Macintosh PICT file

ppmtopj
convert a portable pixmap to an HP PaintJet file

ppmtopuzz
convert a portable pixmap into an X11 "puzzle" file

ppmtorgb3
separate a portable pixmap into three portable graymaps

ppmtosixel
convert a portable pixmap into DEC sixel format

ppmtotga
convert portable pixmap into a TrueVision Targa file

ppmtouil
convert a portable pixmap into a Motif UIL icon file

ppmtowinicon
convert 1 or more portable pixmaps into a Windows .ico

ppmtoxpm

convert a portable pixmap into an X11 pixmap

ppmtoyuv

convert a portable pixmap into an Abekas YUV file

ppmtoyuvsplit

convert a portable pixmap into 3 subsampled raw YUV files

ppmtv make a portable pixmap look like taken from an American TV

psidtopgm

convert PostScript "image" data into a portable graymap

pstopnm

convert a PostScript file into a portable anymap

qrttoppm

convert output from the QRT ray tracer into a portable pixmap

rasttopnm

convert a Sun rasterfile into a portable anymap

rawtopgm

convert raw grayscale bytes into a portable graymap

rawtoppm

convert raw RGB bytes into a portable pixmap

rgb3toppm

combine three portable graymaps into one portable pixmap

rletopnm

convert a Utah Raster Tools RLE image file into a PNM image file.

sbigtopgm

convert an SBIG CCDOPS file into a portable graymap

sgitopnm

convert a SGI image file to a portable anymap

sirtopnm

convert a Solitaire file into a portable anymap

sldtoppm

convert an AutoCAD slide file into a portable pixmap

spctoppm

convert an Atari compressed Spectrum file into a portable pixmap

sputoppm

convert an Atari uncompressed Spectrum file into a portable pixmap

st4topgm

convert an SBIG ST4 format file into a portable graymap

tgatoppm

convert TrueVision Targa file into a portable pixmap

thinkjettopbm

convert HP ThinkJet printer commands file to PBM

tifftopnm

convert a TIFF file into a portable anymap

wbmptopbm

convert a wireless bitmap (wbmp) file to a portable bitmap (pbm)

winicontoppm

convert a Windows .ico file into 1 or more portable pixmap

xbmtopbm

convert an X11 or X10 bitmap into a portable bitmap

ximtoppm

convert an Xim file into a portable pixmap

xpmtoppm

convert an X11 pixmap into a portable pixmap

xvminittoppm

convert a XV "thumbnail" picture to PPM

xwdtopnm

convert a X11 or X10 window dump file into a portable anymap

ybmtopbm

convert a Bennet Yee "face" file into a portable bitmap

yuvsplittoppm

convert a Y- and a U- and a V-file into a portable pixmap

yuvtoppm

convert Abekas YUV bytes into a portable pixmap

zeisstoppnm

convert a Zeiss confocal file into a portable anymap

SEE ALSO

411toppm(1), anytopnm(1), asciitopgm(1), atktopbm(1), bioradtopgm(1), bmptopnm(1), brustopbm(1), cmuwmptopbm(1), eyuvtoppm(1), fiascotopnm(1), fitstopnm(1), fstopgm(1), g3topbm(1), gemtopnm(1), giftopnm(1), gouldtoppm(1), hipstopgm(1), icontopbm(1), ilbmtoppm(1), imgtoppm(1), jpegtopnm(1), leaftoppm(1), lispmtopgm(1), macptopbm(1), mdatopbm(1), mgrtopbm(1), mtvtoppm(1), neotoppm(1), palmtopnm(1), pamcut(1), pamdeinterlace(1), pamdice(1), pamfile(1), pamoil(1), pamstack(1), pamstretchgen(1), pamstretch(1), pbmclean(1), pbmlife(1), pbmmake(1), pbmmask(1), pbmpage(1), pbmpscales(1), pbmreduce(1), pbmtext(1), pbmtextps(1), pbmto10x(1), pbmtoascii(1), pbmtoatk(1), pbmtobbnbg(1), pbmtocmuwm(1), pbmtoepsi(1), pbmtoepson(1), pbmtog3(1), pbmtogem(1), pbmtogo(1), pbmtoicon(1), pbmtolj(1), pbmtomacp(1), pbmtomda(1), pbmtomgr(1), pbmtonokia(1), pbmtopgm(1), pbmtopi3(1), pbmtopt(1), pbmtoppa(1), pbmtopsg3(1), pbmtoptx(1), pbmtowbmp(1), pbmtox10bm(1), pbmtoxbm(1), pbmtoybm(1), pbmtozinc(1), pbmupc(1), pcxtoppm(1), pgmbentley(1), pgmcrater(1), pgmedge(1), pgmenhance(1), pgmhists(1), pgmkernel(1), pgmnoise(1), pgmramp(1), pgmslice(1), pgmtexture(1), pgmtofs(1), pgmtolisp(1), pgmtopbm(1), pgmtoppm(1), piltoppm(1), pi3topbm(1), pjtoppm(1), pngtopnm(1), pnmaliases(1), pnmarith(1), pnmcat(1), pnmcolormap(1), pnmcomp(1), pnmconvol(1), pnmcrop(1), pnmcut(1), pnmdepth(1), pnm enlarg(1), pnmfile(1), pnmflip(1), pnmgamma(1), pnmhisteq(1), pnmhistmap(1), pnmindex(1), pnminvert(1), pnmmargin(1), pnmontage(1), pnmnlfilt(1), pnmnorm(1), pnmppad(1), pnmppaste(1), pnmppsnr(1), pnmquant(1), pnmremap(1), pnmrotate(1), pnm scale(1), pnm scalefixed(1), pnmsharpen(1), pnm smooth(1), pnm split(1), pnm tile(1), pnm toddif(1), pnm tofiasco(1), pnm tofits(1), pnm tojpeg(1), pnm topalm(1), pnm toplainpnm(1), pnm topng(1), pnm tops(1), pnm torast(1), pnm torle(1), pnm tosgi(1), pnm tosir(1), pnm totiff(1), pnm totiffcmyk(1), pnm toxwd(1), ppm3d(1), ppmbrighten(1), ppmchange(1), ppmcie(1), ppmcolormask(1), ppmcolors(1), ppm dim(1), ppm dist(1), ppm dither(1), ppmfade(1), ppmflash(1), ppmforge(1), ppmhist(1), ppm label(1), ppm make(1), ppm mix(1), ppmntsc(1), ppm pat(1), ppm quant(1), ppm quantall(1), ppmqvga(1), ppmrainbow(1), ppmrelief(1), ppmshadow(1), ppmshift(1), ppmspread(1), ppmtoacad(1), ppmtoac(1), ppmtoeyuv(1), ppmtoicr(1), ppmtoilbm(1), ppmtoleaf(1), ppmtolj(1), ppmtomap(1), ppmtomitsu(1), ppmtompeg(1), ppmtoneo(1), ppmtopcx(1), ppmtopgm(1), ppmtopil(1), ppmtopict(1), ppmtopj(1), ppmtopuzz(1), ppmtorgb3(1), ppmtosixel(1), ppmtotga(1), ppmtouil(1), ppmtowinicon(1), ppmtoxpm(1), ppmtoyuv(1), ppmtoyuvsplit(1), ppmtv(1), psidtopgm(1), pstoppnm(1), qrttoppm(1),

rasttopnm(1), rawtopgm(1), rawtoppm(1), rgb3toppm(1), rletopnm(1), sbigtopgm(1), sgitopnm(1), sirtopnm(1), sldtoppm(1), spctoppm(1), sputoppm(1), st4topgm(1), tgatoppm(1), thinkjettopbm(1), tifftopnm(1), wbmptopbm(1), winicontoppm(1), xbmtopbm(1), ximtoppm(1), xpmtoppm(1), xvminiotppm(1), xwdtopnm(1), ybmtopbm(1), yuvsplittoppm(1), yuvtoppm(1), zeisstopnm(1).

AUTHORS

Many. See the individual manual pages.