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

pbmupc
        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

pnmcat
        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

pnmmontage
      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

pnmpad
      add borders to portable anymap

pnmpaste
      paste a rectangle into a portable anymap

pnmpsnr
      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

pnmscale
      scale a portable anymap

pnmscalefixed
      scale a portable anymap quickly, but less accurate

pnmshear
      shear a portable anymap by some angle

pnmsmooth
      smooth out an image

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

pnmtile
> replicate a portable anymap into a specified size

pnmtoddif
> 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

pnmtosir
> 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

ppmtojpeg (deprecated)
        is replaced by pnmtojpeg(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

xvminitoppm

      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

zeisstopnm

      convert a Zeiss confocal file into a portable anymap

SEE ALSO

411toppm(1), anytopnm(1), asciitopgm(1), atktopbm(1), bioradtopgm(1), bmptopnm(1), brushtopbm(1), cmuwmtopbm(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), pbmpscale(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), pbmtoplot(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), pgmhist(1), pgmkernel(1), pgmnoise(1), pgmramp(1), pgmslice(1), pgmtexture(1), pgmtofs(1), pgmtolispm(1), pgmtopbm(1), pgmtoppm(1), pi1toppm(1), pi3topbm(1), pjtoppm(1), pngtopnm(1), pnmalias(1), pnmarith(1), pnmcat(1), pnmcolormap(1), pnmcomp(1), pnmconvol(1), pnmcrop(1), pnmcut(1), pnmdepth(1), pnmenlarge(1), pnmfile(1), pnmflip(1), pnmgamma(1), pnmhisteq(1), pnmhistmap(1), pnmindex(1), pnminvert(1), pnmmargin(1), pnmmontage(1), pnmnlfilt(1), pnmnorm(1), pnmpad(1), pnmpaste(1), pnmpsnr(1), pnmquant(1), pnmremap(1), pnmrotate(1), pnmscale(1), pnmscalefixed(1), pnmshear(1), pnmsmooth(1), pnmsplit(1), pnmtile(1), pnmtoddif(1), pnmtofiasco(1), pnmtofits(1), pnmtojpeg(1), pnmtopalm(1), pnmtoplainpnm(1), pnmtopng(1), pnmtops(1), pnmtorast(1), pnmtorle(1), pnmtosgi(1), pnmtosir(1), pnmtotiff(1), pnmtotiffcmyk(1), pnmtoxwd(1), ppm3d(1), ppmbrighten(1), ppmchange(1), ppmcie(1), ppmcolormask(1), ppmcolors(1), ppmdim(1), ppmdist(1), ppmdither(1), ppmfade(1), ppmflash(1), ppmforge(1), ppmhist(1), ppmlabel(1), ppmmake(1), ppmmix(1), ppmntsc(1), ppmpat(1), ppmquant(1), ppmquantall(1), ppmqvga(1), ppmrainbow(1), ppmrelief(1), ppmshadow(1), ppmshift(1), ppmspread(1), ppmtoacad(1), ppmtobmp(1), ppmtoeyuv(1), ppmtoicr(1), ppmtoilbm(1), ppmtoleaf(1), ppmtolj(1), ppmtomap(1), ppmtomitsu(1), ppmtompeg(1), ppmtoneo(1), ppmtopcx(1), ppmtopgm(1), ppmtopi1(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), pstopnm(1), qrttoppm(1),

rasttopnm(1), rawtopgm(1), rawtoppm(1), rgb3toppm(1), rletopnm(1), sbigtopgm(1), sgitopnm(1), sir-
topnm(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), xvmini-
toppm(1), xwdtopnm(1), ybmtopbm(1), yuvsplittoppm(1), yuvtoppm(1), zeisstopnm(1).

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