

**NAME**

pnmtofits - convert a portable anymap into FITS format

**SYNOPSIS**

**pnmtofits** [**-max** *f*] [**-min** *f*] [*pnmfile*]

**DESCRIPTION**

Reads a portable anymap as input. Produces a FITS (Flexible Image Transport System) file as output. The resolution of the output file is either 8 bits/pixel, or 16 bits/pixel, depending on the value of maxval in the input file. If the input file is a portable bitmap or a portable graymap, the output file consists of a single plane image (NAXIS = 2). If instead the input file is a portable pixmap, the output file will consist of a three-plane image (NAXIS = 3, NAXIS3 = 3). A full description of the FITS format can be found in Astronomy & Astrophysics Supplement Series 44 (1981), page 363.

**OPTIONS**

Flags **-min** and **-max** can be used to set DATAMAX, DATAMIN, BSCALE and BZERO in the FITS header, but do not cause the data to be rescaled.

**BUGS**

FITS uses signed data, and this program outputs unsigned values. If you run into this problem, you might use "-min 32768".

**SEE ALSO**

fitstopnm(1), pgm(5)

**AUTHOR**

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