NAME

fitstopnm - convert a FITS file into a portable anymap

SYNOPSIS

fitstopnm [**-image** *N*] [**-noraw**] [**-scanmax**] [**-printmax**] [**-min** *f*] [**-max** *f*] [*FITSfile*]

DESCRIPTION

Reads a FITS file as input. Produces a portable pixmap if the FITS file consists of 3 image planes (NAXIS = 3 and NAXIS3 = 3), a portable graymap if the FITS file consists of 2 image planes (NAXIS = 2), or whenever the **−image** flag is specified. The results may need to be flipped top for bottom; if so, just pipe the output through **pnmflip -tb.**

OPTIONS

The **-image** option is for FITS files with three axes. The assumption is that the third axis is for multiple images, and this option lets you select which one you want.

Flags **-min** and **-max** can be used to override the min and max values as read from the FITS header or the image data if no DATAMIN and DATAMAX keywords are found. Flag **-scanmax** can be used to force the program to scan the data even when DATAMIN and DATAMAX are found in the header. If **-printmax** is specified, the program will just print the min and max values and quit. Flag **-noraw** can be used to force the program to produce an ASCII portable anymap.

The program will tell what kind of anymap is writing. All flags can be abbreviated to their shortest unique prefix.

REFERENCES

FITS stands for Flexible Image Transport System. A full description can be found in Astronomy & Astrophysics Supplement Series 44 (1981), page 363.

SEE ALSO

pnmtofits(1), pgm(5), pnmflip(1)

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