

NAME

ilbmtoppm - convert an ILBM file into a portable pixmap

SYNOPSIS

ilbmtoppm [-verbose] [-ignore<chunkID>] [-isham|-isehb] [-adjustcolors] [*ILBMfile*]

DESCRIPTION

Reads an IFF ILBM file as input. Produces a portable pixmap as output. Supported ILBM types are:

Normal ILBMs with 1-16 planes.

Amiga Extra_Halfbrite (EHB)

Amiga HAM with 3-16 planes.

24 bit.

Multipalette (normal or HAM) pictures.

Color map (BMHD + CMAP chunk only, nPlanes = 0).

Unofficial direct color.

1-16 planes for each color component.

Chunks used:

BMHD, CMAP, CAMG (only HAM & EHB flags used), PCHG, BODY unofficial DCOL chunk to identify direct color ILBM

Chunks ignored:

GRAB, DEST, SPRT, CRNG, CCRT, CLUT, DPPV, DRNG, EPSF

Other chunks (ignored but displayed in verbose mode):

NAME, AUTH, (c), ANNO, DPI

Unknown chunks are skipped.

OPTIONS**-verbose**

Give some information about the ILBM file.

-ignore <chunkID>

Skip a chunk. <chunkID> is the 4-letter IFF chunk identifier of the chunk to be skipped.

-isham | -isehb

Treat the input file as a HAM or Extra_Halfbrite picture, even if these flags are not set in the CAMG chunk (or if there is no CAMG chunk).

-adjustcolors

If all colors in the CMAP have a value of less than 16, ilbmtoppm assumes a 4-bit colormap and gives a warning. With this option the colormap is scaled to 8 bits.

BUGS

The multipalette PCHG BigLineChanges and Huffman decompression code is untested.

REFERENCES

Amiga ROM Kernel Reference Manual - Devices (3rd Ed.)

Addison Wesley, ISBN 0-201-56775-X

SEE ALSO

ppm(5), ppmtoilbm(1)

AUTHORS

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