Ilbmtoppm User Manual

ilbmtoppm

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NAME

ilbmtoppm - convert an ILBM file into a PPM image

SYNOPSIS

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

DESCRIPTION

This program is part of Netpbm.

ilbmtoppm reads an IFF ILBM file as input and produces a PPM image as output. **ilbmtoppm** can handle the following ILBM types:

Normal ILBMs with 1-16 planes.

Amiga Extra_Halfbrite (EHB)

Amiga HAM with 3-16 planes.

24 bit.

Multiplatte (normal or HAM) pictures.

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

Unofficial direct color. 1-16 planes for each color component.

ilbmtoppm uses these ILBM chunks: BMHD, CMAP, CAMG (only HAM & EHB flags used), PCHG, BODY unofficial DCOL chunk to identify direct color ILBM. It ignores these chunks: GRAB, DEST, SPRT, CRNG, CCRT, CLUT, DPPV, DRNG, EPSF. It ignores, but displays in verbose mode, these: NAME, AUTH, (c), ANNO, DPI. It skips chunks whose type it doesn't recognize.

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 then 16, ilbmtoppm assumes a 4-bit colormap and gives a warning. With this option the colormap is scaled to 8 bits.

LIMITATIONS

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

ppmtoilbm, ppm

AUTHORS

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