

NAME

pbit – convert and modify PBIT image files

SYNOPSIS

pbit [*options*] [*input-file*] [*options*] [*output-file*]

DESCRIPTION

pbit(1) is used to modify and convert PBIT images files.

OPTIONS

-c, --cylinder *cyl1*[-*cyl2*]

Select a range of cylinders.

-e, --edit *what val*

For all selected tracks, set track attribute *what* to *val*. For boolean attributes, a value of 0 disables the attribute and any other value enables it. Recognized attributes are:

clock The bit clock rate.

data Initialize the track using *val*.

size Set the track size in bits.

-f, --info

Print information about the current image or the next image loaded.

-h, --head *head1*[-*head2*]

Select a range of heads.

-i, --input *filename*

Load an image from *filename*.

-I, --input-format *format*

Set the input file format to *format*. Valid formats are:

pbit The native PBIT file format.

tc Transcopy dump format. Support for this format is highly experimental.

-l, --list-short

List all tracks in the current image or in the next image loaded. Using this options prints one line per track.

-L, --list-long

List all tracks in the current image or in the next image loaded.

-o, --output *filename*

Set the output file name. Before exiting, the current image will be written to this file.

-O, --output-format *format*

Set the output file format to *format*. See the *-I* option for a list of valid formats.

-p, --operation *name* [*arg...*]

Perform an operation on the current image. Valid operations are:

auto-align-gcr

Automatically align Macintosh GCR tracks to the index.

comment-add *text*

Add *text* to the image comment.

comment-load *filename*

Load the image comment from file *filename*.

comment-print

Print the current image comment.

comment-save *filename*

Save the current image comment to *filename*.

comment-set *text*

Set the image comment to *text*.

decode *type filename*

Decode the image and save it as a pfdc sector image to *filename*. Valid decode types are:

gcr Apple Macintosh GCR

mfm IBM MFM

delete Delete all selected tracks.**double-step**

Remove odd numbered tracks.

double-step-even

Remove even numbered tracks.

encode *type filename*

Load a pfdc sector image from *filename* and encode it. Valid encode types are:

gcr Apple Macintosh GCR

mfm IBM MFM

info Print information about the current image (same as **-f**).**new** Create new tracks.**rotate** *bits*

Rotate all selected tracks left by *bits* bits.

save *filename*

Save all selected tracks to *filename*. The contents of the tracks are written sequentially to the file.

-r, --data-rate *rate*

Set the default data rate. The default is 500000. If *rate* is greater than 1000 it is assumed to be in bits per second, otherwise it is assumed to be in kbits per seconds.

-t, --track *c h*

Select tracks. This is the same as using the **-c** and **-h** options.

-v, --verbose

Enable verbose operation.

--help Print usage information.**--version**

Print version information.

SEE ALSO

pce-ibmpc(1), **pce-macplus(1)**, **pce-img(1)**, **pfdc(1)**

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