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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