

NAME

pri – convert and modify PCE raw image files

SYNOPSIS

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

DESCRIPTION

pri(1) is used to modify and convert PCE raw image 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 PBIT file format. This has been superseded by PRI.

pri The native PCE raw image 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.

-m, --merge *filename*

Load an image from *filename* and copy all tracks that are not in the current image into the current image.

-M --merge-overwrite *filename*

Load an image from *filename* and copy all tracks into the current image. Tracks that exist in both images will be overwritten in the current image.

-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 pri sector image to *filename*. Valid decode types are:

fm IBM FM

gcr Apple Macintosh GCR

mfm IBM MFM

mfm-fm

IBM MFM/FM. Tracks are decoded as MFM first and if no sectors are found, they are decoded as FM.

delete Delete all selected tracks.

double-step

Remove odd numbered tracks.

double-step-even

Remove even numbered tracks.

encode *type filename*

Load a pri 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.

-s, --set *parameter value*

Set a parameter value. Recognized parameters are:

mfm-auto-gap3 *boolean*

Automatically set the GAP3 length. The default is true.

mfm-clock *integer*

Set the MFM clock rate (this is twice the data rate). The default is 500000, suitable for double density disks.

mfm-iam *boolean*

If false, skip the index address mark. The default is false.

mfm-gap1 *integer*

Set the GAP1 length in bytes. The default is 0.

mfm-gap3 *integer*

Set the GAP3 length in bytes. The default is 80.

mfm-gap4a *integer*

Set the GAP4A length in bytes. The default is 96.

mfm-min-size *integer*

Set the minimal sector size when decoding MFM/FM.

mfm-track-size *integer*

Set the track size in bits.

-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)**, **psi(1)**

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