

NAME

`ra_gif` - convert RADIANCE picture to Compuserve GIF

SYNOPSIS

`ra_gif [-b][-d][-c ncolors][-g gamma][-e +/-stops][-n sampfac] input [output]`

DESCRIPTION

Ra_gif converts from RADIANCE to Compuserve GIF color-mapped, compressed image files. In the default mode, a RADIANCE picture is converted to a color-mapped GIF file of the same horizontal and vertical dimensions with 8-bits per pixel. The *-b* option converts the image to black and white. The *-d* option turns off dithering. The *-c* option allows fewer than 256 colors (and fewer than 8 bits per pixel). The *-g* option specifies the exponent used in gamma correction; the default value is 2.2. An exponent of 1.0 turns gamma correction off. The *-e* option specifies an exposure compensation in f-stops (powers of two). Only integer stops are allowed, for efficiency. The *-n* option specifies a sampling factor for neural network color quantization. This value should be between 1 and 80, where 1 takes the longest and produces the best results in small areas of the image. If no value is given, a faster median cut algorithm is used. If the output file is missing, the standard output is used.

AUTHORS

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Anthony Dekker provided the code for neural network color quantization

SEE ALSO

`pfilt(1)`, `ra_bmp(1)`, `ra_bn(1)`, `ra_ppm(1)`, `ra_pr(1)`, `ra_pr24(1)`, `ra_t8(1)`, `ra_t16(1)`, `ra_tiff(1)`, `ximage(1)`