NAME

      ra_pr - convert RADIANCE picture to/from pixrect rasterfile

SYNOPSIS

      ra_pr [**−d**][**−b**][**−c ncolors**][**−g gamma**][**−e +/-stops**] **input** [**output**]

      ra_pr −r [**−g gamma**][**−e +/-stops**] [**input** [**output**]]

DESCRIPTION

      Ra_pr converts between RADIANCE and pixrect rasterfile formats. In the default mode, a RADIANCE picture is converted to a pixrect rasterfile of the same horizontal and vertical dimensions with 8-bits per pixel. The *−d* option turns off dithering. The *−b* option converts the image to black and white, for improved quality on greyscale monitors. Only with this option can the input be taken from stdin. The *−c* option allows fewer than 256 colors. 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 *−r* option invokes a reverse conversion, from a pixrect rasterfile to a RADIANCE picture. If the output file is missing, the standard output is used.

AUTHORS

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      Paul Heckbert provided the code for color quantization

BUGS

      Only standard 8-bit color rasterfiles are read or written.

SEE ALSO

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