NAME
rad2jpeg – convert Radiance file to a JPEG file

SYNOPSIS
rad2jpeg [*options*] {*input.hdr* | *−*} *output.jpg*

DESCRIPTION
Convert Radiance file to a JPEG file. The input can optionally be "−", indicating that the input image should be read from standard input.

OPTIONS
−−exposure=*stop*

Adjust the exposure of the output file relative to the input file, specified in f-stops (powers of two). E.g., **−−exposure=+2** increases the luminance in the output by a factor or four, while **−−exposure=-1** decreases the luminance by half. Fractional values are allowed.

−−autoadjust

Auto adjust brightness values to be in an approximately displayable range. Can be combined with **−−exposure=***stop*.

EXAMPLES
To convert a Radiance image to JPEG:

    rad2jpeg input.hdr output.jpg

To convert a Radiance image to JPEG with mild lightening:

    rad2jpeg --exposure=1.0 input.hdr output.jpg

To convert a Radiance image to JPEG with moderate darkening:

    rad2jpeg --exposure=-2.0 input.hdr output.jpg

LIMITATIONS
When converted to 8-bit/color JPEG images, many high dynamic range Radiance images will required tone mapping more sophisticated than provided by this program. (See the Radiance routines **pcond** and **normtiff**).

The **−−autoadjust** option is not particularly sophisticated, and often produces less that desirable results. This is particularly true if there are regions in the image that much brighter than the rest of the image.

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